Tencent Cloud EdgeOne

API Documentation

Product Documentation

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API Documentation History

Last updated：2024-06-13 17:03:24

Release 27

Release time: 2024-06-13 17:03:02

Release updates:

Improvement to existing documentation.

New APIs:

- CreateCustomizeErrorPage
- DeleteCustomErrorPage
- DescribeCustomErrorPages
- ModifyCustomErrorPage

New data structures:

- CustomErrorPage
- ErrorPageReference

Release 26

Release time: 2024-06-06 11:04:53

Release updates:

Improvement to existing documentation.

Modified data structures:

- RateLimitTemplateDetail
  - **Modified members:** ID, Action, PunishTime, Threshold, Period

Release 25

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Release time: 2024-06-05 17:20:11

Release updates:

Improvement to existing documentation.

Modified data structures:

- Rule
  - **Modified members:** Actions

Release 24

Release time: 2024-06-05 14:40:47

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeSecurityIPGroup

Modified APIs:

- CreatePurgeTask
  - New input parameters:CacheTag

New data structures:

- CacheTag

Release 23

Release time: 2024-05-29 14:55:16

Release updates:

Improvement to existing documentation.

New APIs:

- CreatePlan
- DestroyPlan
- IncreasePlanQuota

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- ModifyPlan
- RenewPlan
- UpgradePlan

Modified APIs:

- CreateRealtimeLogDeliveryTask
  - New input parameters:LogFormat
- ModifyRealtimeLogDeliveryTask
  - New input parameters:LogFormat

New data structures:

- LogFormat
- PrepaidPlanParam
- RenewFlag

Modified data structures:

- RealtimeLogDeliveryTask
  - New members:LogFormat
- Task
  - New members:Method

Release 22

Release time: 2024-04-09 10:24:26

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeSecurityIPGroupInfo

Release 21

Release time: 2024-03-21 16:42:49

Release updates:

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Improvement to existing documentation.

New APIs:

- CreateCLSIndex
- CreateRealtimeLogDeliveryTask
- DeleteRealtimeLogDeliveryTask
- DescribeRealtimeLogDeliveryTasks
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New data structures:

- CLSTopic
- CustomEndpoint
- CustomField
- DeliveryCondition
- RealtimeLogDeliveryTask
- S3

Modified data structures:

- L4ProxyRule
  - New members:BuId

Release 20

Release time: 2024-02-20 16:06:00

Release updates:

Improvement to existing documentation.

New APIs:

- CreateL4Proxy
- CreateL4ProxyRules
- DeleteL4Proxy
- DeleteL4ProxyRules
- DescribeBillingData
- DescribeIPRegion
- DescribeL4Proxy
- DescribeL4ProxyRules

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- ModifyL4Proxy
- ModifyL4ProxyRules
- ModifyL4ProxyRulesStatus
- ModifyL4ProxyStatus

Modified APIs:

- DescribeApplicationProxies
  - New input parameters:ZoneId
- DescribeDefaultCertificates
  - New input parameters:ZoneId
  - **Modified input parameters:** Filters

New data structures:

- BillingData
- BillingDataFilter
- DDosProtectionConfig
- IPRegionInfo
- L4Proxy
- L4ProxyRule

Modified data structures:

- OriginDetail
  - New members:VodeoSubAppId, VodeoDistributionRange, VodeoBucketId
  - **Modified members:** OriginType, Origin, BackupOrigin, OriginGroupName, BackOriginGroupName, PrivateAccess, PrivateParameters
- OriginInfo
  - New members:VodeoSubAppId, VodeoDistributionRange, VodeoBucketId
- Resource
  - New members:Type

Release 19

Release time: 2023-12-01 16:40:01

Release updates:

Improvement to existing documentation.

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Modified data structures:

- Resource
  - **Modified members:** Group, ZoneNumber

Release 18

Release time: 2023-12-01 15:15:45

Release updates:

Improvement to existing documentation.

New APIs:

- CreateConfigGroupVersion
- DeployConfigGroupVersion
- DescribeConfigGroupVersionDetail
- DescribeConfigGroupVersions
- DescribeDeployHistory
- DescribeEnvironments

New data structures:

- ConfigGroupVersionInfo
- DeployRecord
- EnvInfo

Release 17

Release time: 2023-11-24 11:38:10

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribePrefetchTasks
  - New input parameters:ZoneId

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Release 16

Release time: 2023-11-17 16:59:52

Release updates:

Improvement to existing documentation.

New APIs:

- BindSecurityTemplateToEntity
- DescribeSecurityTemplateBindings

Modified APIs:

- CreateOriginGroup
  - New input parameters:Name, Type, Records
  - **Deleted input parameters:** OriginType, OriginGroupName, ConfigurationType, OriginRecords
- DeleteOriginGroup
  - New input parameters:GroupId
  - **Deleted input parameters:** OriginGroupId
- DescribeOriginGroup
  - New input parameters:ZoneId
  - **Modified input parameters:** Offset, Limit
- ModifyAccelerationDomain
  - New input parameters:OriginProtocol, HttpOriginPort, HttpsOriginPort, IPv6Status
  - **Modified input parameters:** OriginInfo
- ModifyOriginGroup
  - New input parameters:GroupId, Name, Type, Records
  - **Deleted input parameters:** OriginGroupId, OriginType, OriginGroupName, ConfigurationType, OriginRecords

New data structures:

- EntityStatus
- SecurityTemplateBinding
- TemplateScope

Modified data structures:

- AclUserRule
  - New members:CustomResponseId
- BotUserRule

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  - New members:Name, CustomResponseId, ResponseCode, RedirectUrl
- DropPageDetail
  - New members:CustomResponseId
- OriginRecord
  - New members:Type
  - **Deleted members:** Port, Proto, Area
- RateLimitUserRule
  - New members:Name, CustomResponseId, ResponseCode, RedirectUrl

Release 15

Release time: 2023-11-08 16:08:57

Release updates:

Improvement to existing documentation.

New APIs:

- BindSharedCNAME
- DeleteSharedCNAME

New data structures:

- BindSharedCNAMEMap
- OriginGroupReference

Modified data structures:

- OriginGroup
  - New members:GroupId, Name, Type, Records, References, CreateTime
  - **Deleted members:** ZoneId, ZoneName, OriginGroupId, OriginType, OriginGroupName, ConfigurationType, OriginRecords

Release 14

Release time: 2023-10-31 13:05:24

Release updates:

Improvement to existing documentation.

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New APIs:

- VerifyOwnership

Modified APIs:

- CreateAccelerationDomain
  - New input parameters:OriginProtocol, HttpOriginPort, HttpsOriginPort, IPv6Status
- CreateZone
  - New input parameters:Area, PlanId
  - **Deprecate input parameters:** AllowDuplicates, JumpStart
  - New output parameters:OwnershipVerification
- ModifyHostsCertificate
  - New input parameters:Mode
  - **Deprecate input parameters:** ApplyType

New data structures:

- AccelerationDomainCertificate
- CertificateInfo

Modified data structures:

- AccelerationDomain
  - New members:OriginProtocol, HttpOriginPort, HttpsOriginPort, IPv6Status, OwnershipVerification, Certificate
  - **Modified members:** ZoneId, DomainName, DomainStatus, OriginDetail, Cname, IdentificationStatus, CreatedOn, ModifiedOn
- RuleCondition
  - **Deprecate members:** IgnoreNameCase
- Zone
  - New members:OwnershipVerification
  - **Modified members:** LockStatus

Release 13

Release time: 2023-10-30 16:45:20

Release updates:

Improvement to existing documentation.

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New APIs:

- CreateSharedCNAME

Modified APIs:

- CreateAccelerationDomain
  - New output parameters:OwnershipVerification

New data structures:

- DnsVerification
- FileVerification
- NsVerification
- OwnershipVerification

Release 12

Release time: 2023-09-18 18:09:23

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateApplicationProxyRule
  - New input parameters:RuleTag
- ModifyApplicationProxyRule
  - New input parameters:RuleTag

Modified data structures:

- ApplicationProxyRule
  - New members:RuleTag
- L4OfflineLog
  - New members:LogStartTime, LogEndTime
- L7OfflineLog
  - New members:LogStartTime, LogEndTime

Release 11

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Release time: 2023-08-03 14:49:53

Release updates:

Improvement to existing documentation.

New APIs:

- CheckCnameStatus

Modified APIs:

- CreateApplicationProxyRule
  - New input parameters:SessionPersistTime
- CreateZone
  - **Modified input parameters:** ZoneName
- ModifyApplicationProxyRule
  - New input parameters:SessionPersistTime
- ModifyZone
  - New input parameters:Area, ZoneName

New data structures:

- CnameStatus

Modified data structures:

- ApplicationProxyRule
  - New members:SessionPersistTime
- Cache
  - **Deprecate members:** IgnoreCacheControl
- Resource
  - New members:Group, ZoneNumber
- Sv
  - New members:Pack, InstanceId, ProtectionSpecs

Release 10

Release time: 2023-08-02 09:38:38

Release updates:

Improvement to existing documentation.

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New APIs:

- CreateSecurityIPGroup
- DeleteSecurityIPGroup
- ModifySecurityIPGroup

Deleted APIs:

- CheckCertificate
- CreateCredential
- CreateReplayTask
- CreateSpeedTesting
- DescribeAddableEntityList
- DescribeClientRuleList
- DescribeDnsData
- DescribeLogSets
- DescribeLogTopicTasks
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- DescribeSpeedTestingDetails
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- DescribeTimingL7SourceData
- DescribeWebManagedRulesData
- DescribeWebManagedRulesHitRuleDetail
- DescribeWebManagedRulesLog
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- DescribeWebProtectionHitRuleDetail
- DescribeWebProtectionTopData
- ModifyDefaultCertificate
- ModifyRulePriority
- ModifySecurityWafGroupPolicy
- ReclaimAliasDomain
- ReclaimZone
- UpdateOriginProtectionIPWhitelist

Modified APIs:

- CreateApplicationProxy
  - New input parameters:AccelerateMainland

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- CreatePurgeTask
  - New input parameters:Method
  - **Deprecate input parameters:** EncodeUrl
- ModifyApplicationProxy
  - New input parameters:AccelerateMainland
- ModifyZoneSetting
  - New input parameters:ImageOptimize, StandardDebug

New data structures:

- IPGroup
- StandardDebug

Deleted data structures:

- ClientRule
- ClsLogTopicInfo
- DistrictStatistics
- DnsData
- LogSetInfo
- OptimizeAction
- SecClientIp
- SecHitRuleInfo
- SecRuleRelatedInfo
- SingleDataRecord
- SingleTypeValue
- SpeedTestingConfig
- SpeedTestingDetailData
- SpeedTestingInfo
- SpeedTestingMetricData
- SpeedTestingQuota
- SpeedTestingStatistics
- SpeedTestingStatus
- WafGroup
- WebLogs

Modified data structures:

- ApplicationProxy
  - New members:AccelerateMainland

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  - **Modified members:** ProxyId
- Zone
  - New members:LockStatus
- ZoneSetting
  - New members:StandardDebug
  - **Modified members:** AccelerateMainland

Release 9

Release time: 2023-05-25 17:11:57

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeDDoSAttackEvent

Modified APIs:

- IdentifyZone
  - New input parameters:Domain

New data structures:

- AccelerateMainland
- AlgDetectJS
- AlgDetectResult
- AlgDetectRule
- AlgDetectSession
- BotExtendAction
- BotUserRule
- DDoSAttackEvent
- DDoSBlockData
- ImageOptimize

Modified data structures:

- BotConfig
  - New members:BotUserRules, AlgDetectRule, Customizes

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- Https
  - New members:CipherSuite
- Identification
  - New members:Domain
- ZoneSetting
  - New members:ImageOptimize, AccelerateMainland

Release 8

Release time: 2023-03-17 10:39:51

Release updates:

Improvement to existing documentation.

New APIs:

- CreateAccelerationDomain
- DeleteAccelerationDomains
- DescribeAccelerationDomains
- DescribeTimingL7SourceData
- ModifyAccelerationDomain
- ModifyAccelerationDomainStatuses

Modified APIs:

- DescribeAddableEntityList
  - New input parameters:Area

New data structures:

- AccelerationDomain
- FirstPartConfig
- OriginDetail
- OriginInfo
- SlowPostConfig
- SlowRateConfig

Modified data structures:

- AclConfig

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  - New members:Customizes
- RateLimitConfig
  - New members:RateLimitCustomizes
- SecurityConfig
  - New members:SlowPostConfig
- Zone
  - New members:IsFake

Release 7

Release time: 2023-03-09 15:06:19

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeDDoSAttackData
- DescribeOriginProtection
- UpdateOriginProtectionIPWhitelist

New data structures:

- DiffIPWhitelist
- IPWhitelist
- OriginProtectionInfo

Modified data structures:

- IpTableRule
  - New members:Operator, RuleName
  - **Modified members:** MatchContent
- RateLimitIntelligence
  - New members:RuleId
- SecHitRuleInfo
  - New members:ZoneId, RuleEnabled, AlarmEnabled, RuleDeleted
- SecRuleRelatedInfo
  - New members:RuleType, RuleEnabled, RuleDeleted, AlarmEnabled
- WebLogs
  - New members:RealClientIp, RealClientIpCountryCode, Area

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Release 6

Release time: 2023-01-06 15:20:18

Release updates:

Improvement to existing documentation.

Deleted APIs:

- CreateCustomErrorPage
- CreateIpTableList
- CreateLogSet
- CreateLogTopicTask
- CreateSecurityDropPage
- DeleteLogTopicTask
- DescribeBotClientIpList
- DescribeBotData
- DescribeBotHitRuleDetail
- DescribeBotLog
- DescribeBotManagedRules
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- DescribeDDoSPolicy
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- DescribeSecurityGroupManagedRules
- DescribeSecurityPolicy
- DescribeSecurityPolicyList
- DescribeSecurityPolicyRegions
- DescribeSecurityPortraitRules
- DescribeSecurityRuleId
- DescribeTimingL4AccessData

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- DescribeWebProtectionAttackEvents
- DescribeZoneDDoSPolicy
- ModifyAlarmConfig
- ModifyAlarmDefaultThreshold
- ModifyDDoSPolicy
- ModifyDDoSPolicyHost
- ModifyDnssec
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- ModifyZoneCnameSpeedUp
- SwitchLogTopicTask

Deleted data structures:

- BotLog
- BotManagedRuleDetail
- CCInterceptEvent
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- DDoSAllowBlock
- DDoSAllowBlockRule
- DDoSAntiPly
- DDoSAttackEvent
- DDoSAttackEventDetailData
- DDoSAttackSourceEvent
- DDoSBlockData
- DDoSFeaturesFilter
- DDoSGeoIp
- DDoSHost
- DDoSMajorAttackEvent
- DDoSPacketFilter
- DDoSRule
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- DDoSStatusInfo
- DnssecInfo
- GeoIp
- LogTopicDetailInfo
- PortraitManagedRuleDetail
- RateLimitIntelligenceRuleDetail

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- SecurityEntity
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- WafGroupDetail
- WafGroupInfo
- WafGroupRule

Release 5

Release time: 2022-12-29 17:18:30

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeDistributionL4AccessData
- DescribeTimingL4AccessData

Deleted APIs:

- CreateDnsRecord
- CreateLoadBalancing
- DeleteDnsRecords
- DeleteLoadBalancing
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- DescribeLoadBalancing
- ModifyDnsRecord
- ModifyLoadBalancing
- ModifyLoadBalancingStatus

Modified APIs:

- ModifyZoneSetting
  - New input parameters:Grpc

New data structures:

- Grpc

Deleted data structures:

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- AdvancedOriginGroup
- DnsRecord
- LoadBalancing
- OriginGroupCondition

Modified data structures:

- FollowOrigin
  - New members:DefaultCacheStrategy
- ZoneSetting
  - New members:Grpc

Release 4

Release time: 2022-12-09 15:47:09

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateSecurityDropPage
  - New input parameters:TemplateId

Release 3

Release time: 2022-11-28 16:46:20

Release updates:

Improvement to existing documentation.

New APIs:

- BindZoneToPlan
- CreateAliasDomain
- DeleteAliasDomain
- DescribeAliasDomains
- ModifyAliasDomain
- ModifyAliasDomainStatus
- ReclaimAliasDomain

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Deleted APIs:

- DescribeBillingData

Modified APIs:

- CreateApplicationProxyRule
  - New input parameters:OriginPort
- CreateRule
  - New input parameters:Tags
- CreateZone
  - New input parameters:AllowDuplicates, AliasZoneName
- DescribeBotManagedRules
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- DescribeSecurityGroupManagedRules
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- DescribeSecurityPolicy
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- DescribeSecurityPortraitRules
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- DescribeZones
  - New input parameters:Order, Direction
- ModifyApplicationProxyRule
  - New input parameters:OriginPort
- ModifyHostsCertificate
  - New input parameters:ApplyType
- ModifyRule
  - New input parameters:Tags
- ModifySecurityPolicy
  - New input parameters:TemplateId
  - **Modified input parameters:** Entity
- ModifySecurityWafGroupPolicy
  - New input parameters:TemplateId
  - **Modified input parameters:** ZoneId, Entity
- ModifyZone

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- New input parameters:AliasZoneName

New data structures:

- AliasDomain
- SubRule
- SubRuleItem
- TemplateConfig

Deleted data structures:

- BillingDataFilter

Modified data structures:

- ApplicationProxyRule
  - New members:OriginPort
- FollowOrigin
  - New members:DefaultCacheTime, DefaultCache
- Https
  - New members:ApplyType
- IpTableRule
  - New members:Status
- RateLimitUserRule
  - New members:FreqScope
- Rule
  - New members:SubRules
- RuleCondition
  - New members:IgnoreCase, Name, IgnoreNameCase
  - **Modified members:** Values
- RuleItem
  - New members:Tags
- SecHitRuleInfo
  - New members:BotLabel
- SecRuleRelatedInfo
  - New members:AttackContent
- SecurityConfig
  - New members:TemplateConfig
- ServerCertInfo
  - New members:CommonName

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- Zone
  - New members:ActiveStatus, AliasZoneName

Release 2

Release time: 2022-10-19 17:46:28

Release updates:

Improvement to existing documentation.

New APIs:

- CreateApplicationProxy
- CreateApplicationProxyRule
- CreateCustomErrorPage
- CreateIpTableList
- CreateLoadBalancing
- CreateOriginGroup
- CreateSecurityDropPage
- CreateSpeedTesting
- DeleteApplicationProxy
- DeleteApplicationProxyRule
- DeleteLoadBalancing
- DeleteOriginGroup
- DescribeApplicationProxies
- DescribeBotManagedRules
- DescribeDDoSPolicy
- DescribeLoadBalancing
- DescribeOriginGroup
- DescribeRateLimitIntelligenceRule
- DescribeSecurityGroupManagedRules
- DescribeSecurityPolicy
- DescribeSecurityPolicyList
- DescribeSecurityPolicyRegions
- DescribeSecurityPortraitRules
- DescribeSecurityRuleId
- DescribeSpeedTestingDetails
- DescribeSpeedTestingMetricData

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- DescribeSpeedTestingQuota
- DescribeZoneDDoSPolicy
- ModifyAlarmConfig
- ModifyAlarmDefaultThreshold
- ModifyApplicationProxy
- ModifyApplicationProxyRule
- ModifyApplicationProxyRuleStatus
- ModifyApplicationProxyStatus
- ModifyDDoSPolicy
- ModifyDDoSPolicyHost
- ModifyLoadBalancing
- ModifyLoadBalancingStatus
- ModifyOriginGroup
- ModifySecurityPolicy
- ModifySecurityWafGroupPolicy

New data structures:

- AclCondition
- AclConfig
- AclUserRule
- AdvancedOriginGroup
- AiRule
- ApplicationProxy
- ApplicationProxyRule
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- BotManagedRule
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- DDoSAllowBlock
- DDoSAllowBlockRule
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- DDoSFeaturesFilter
- DDoSGeoIp
- DDoSHost
- DDoSPacketFilter

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- DDoSRule
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- SpeedTestingQuota

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- SpeedTestingStatistics
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- SwitchConfig
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- WafGroup
- WafGroupDetail
- WafGroupInfo
- WafGroupRule
- WafRule

Release 1

Release time: 2022-09-28 18:50:08

Release updates:

Improvement to existing documentation.

New APIs:

- CheckCertificate
- CreateCredential
- CreateDnsRecord
- CreateLogSet
- CreateLogTopicTask
- CreatePlanForZone
- CreatePrefetchTask
- CreatePurgeTask
- CreateReplayTask
- CreateRule
- CreateZone
- DeleteDnsRecords
- DeleteLogTopicTask
- DeleteRules
- DeleteZone
- DescribeAddableEntityList
- DescribeAvailablePlans
- DescribeBillingData
- DescribeBotClientIpList

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- DescribeBotData
- DescribeBotHitRuleDetail
- DescribeBotLog
- DescribeBotTopData
- DescribeClientRuleList
- DescribeContentQuota
- DescribeDDoSAttackData
- DescribeDDoSAttackEvent
- DescribeDDoSAttackEventDetail
- DescribeDDoSAttackSourceEvent
- DescribeDDoSAttackTopData
- DescribeDDoSBlockList
- DescribeDDoSMajorAttackEvent
- DescribeDefaultCertificates
- DescribeDnsData
- DescribeDnsRecords
- DescribeDnssec
- DescribeHostsSetting
- DescribeIdentifications
- DescribeLogSets
- DescribeLogTopicTaskDetail
- DescribeLogTopicTasks
- DescribeOverviewL7Data
- DescribePrefetchTasks
- DescribePurgeTasks
- DescribeRules
- DescribeRulesSetting
- DescribeSingleL7AnalysisData
- DescribeTimingL4Data
- DescribeTimingL7AnalysisData
- DescribeTimingL7CacheData
- DescribeTopL7AnalysisData
- DescribeTopL7CacheData
- DescribeWebManagedRulesData
- DescribeWebManagedRulesHitRuleDetail
- DescribeWebManagedRulesLog
- DescribeWebProtectionAttackEvents
- DescribeWebProtectionClientIpList

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- DescribeWebProtectionData
- DescribeWebProtectionHitRuleDetail
- DescribeWebProtectionTopData
- DescribeZoneSetting
- DescribeZones
- DownloadL4Logs
- DownloadL7Logs
- IdentifyZone
- ModifyDefaultCertificate
- ModifyDnsRecord
- ModifyDnssec
- ModifyHostsCertificate
- ModifyLogTopicTask
- ModifyRule
- ModifyRulePriority
- ModifyZone
- ModifyZoneCnameSpeedUp
- ModifyZoneSetting
- ModifyZoneStatus
- ReclaimZone
- SwitchLogTopicTask

New data structures:

- AccelerateType
- Action
- AdvancedFilter
- AscriptionInfo
- BillingDataFilter
- BotLog
- CC
- CCInterceptEvent
- Cache
- CacheConfig
- CacheKey
- CachePrefresh
- ClientIpCountry
- ClientIpHeader

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- ClientRule
- ClsLogTopicInfo
- CodeAction
- Compression
- DDoS
- DDoSAttackEvent
- DDoSAttackEventDetailData
- DDoSAttackSourceEvent
- DDoSBlockData
- DDoSMajorAttackEvent
- DefaultServerCertInfo
- DetailHost
- DnsData
- DnsRecord
- DnssecInfo
- FailReason
- FileAscriptionInfo
- Filter
- FollowOrigin
- ForceRedirect
- Header
- Hsts
- Https
- Identification
- Ipv6
- L4OfflineLog
- L7OfflineLog
- LogSetInfo
- LogTopicDetailInfo
- MaxAge
- NoCache
- NormalAction
- OfflineCache
- Origin
- PlanInfo
- PostMaxSize
- QueryCondition
- QueryString

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- Quic
- Quota
- Resource
- RewriteAction
- Rule
- RuleAndConditions
- RuleChoicePropertiesItem
- RuleCodeActionParams
- RuleCondition
- RuleExtraParameter
- RuleItem
- RuleNormalActionParams
- RuleRewriteActionParams
- RulesProperties
- RulesSettingAction
- SecClientIp
- SecEntry
- SecEntryValue
- SecHitRuleInfo
- SecRuleRelatedInfo
- SecurityType
- ServerCertInfo
- SingleDataRecord
- SingleTypeValue
- SmartRouting
- Sv
- Tag
- Task
- TimingDataItem
- TimingDataRecord
- TimingTypeValue
- TopDataRecord
- TopDetailData
- TopEntry
- TopEntryValue
- UpstreamHttp2
- VanityNameServers
- VanityNameServersIps

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- Waf
- WebLogs
- WebSocket
- Zone
- ZoneSetting

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Introduction

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Tencent Cloud EdgeOne provides layer-4/7 security protection and acceleration services to the global market. It safeguards diverse industries such as ecommerce, retail, finance service, content and news, and gaming.

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API Category

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Site APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateZone	Creates a site	20
DescribeIdentifications	Queries the verification information of a site.	20
ModifyZone	Modifies a site.	20
DeleteZone	Deletes a site	20
ModifyZoneStatus	Changes the site status	20
CheckCnameStatus	Queries the CNAME status of a domain name	20
IdentifyZone	Verifies site ownership	20
DescribeZones	Queries the list of sites	20
VerifyOwnership	Verifies ownership	20

Acceleration Domain Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateAccelerationDomain	Connects a domain to EdgeOne	20
DescribeAccelerationDomains	Queries accelerated domain names	20
ModifyAccelerationDomain	Modifies an accelerated domain name	20
ModifyAccelerationDomainStatuses	Batch modifies the status of	20

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	accelerated domains.	
DeleteAccelerationDomains	Batch remove accelerated domain names	20
CreateSharedCNAME	Creates a shared CNAME.	20
BindSharedCNAME	Binds with a shared CNAME	20
DeleteSharedCNAME	Deletes a shared CNAME	20

Site Acceleration Configuration APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateRule	Creates a rule in the rule engine.	20
DeleteRules	Batch deletes rules from the rule engine.	20
DescribeHostsSetting	Queries detailed domain name configuration	20
DescribeRules	Queries the rules in the rule engine.	20
DescribeRulesSetting	Queries the setting parameters of the rule engine.	20
DescribeZoneSetting	Queries the site configuration	20
ModifyRule	Modifies a rule in the rule engine.	20
ModifyZoneSetting	Modifies the site configuration	20

Alias Domain APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateAliasDomain	Creates an alias domain name.	20
DescribeAliasDomains	Queries the information of alias domain names.	20

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ModifyAliasDomain	Modifies an alias domain name.	20
ModifyAliasDomainStatus	Modifies the status of an alias domain name.	20
DeleteAliasDomain	Deletes an alias domain name.	20

Security Configuration APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateSecurityIPGroup	Creates a security IP group	20
DescribeSecurityIPGroup	Queries security IP groups	20
ModifySecurityIPGroup	Modifies a security IP group	20
DeleteSecurityIPGroup	Deletes a security IP group	20
DescribeOriginProtection	Queries the origin protection configuration	20
DescribeSecurityTemplateBindings	Queries bindings of a policy template	20
ModifySecurityPolicy	Modifies the web and bot security configurations	20
BindSecurityTemplateToEntity	Binds/Unbinds a domain name to/from a security policy template	20
DescribeSecurityIPGroupInfo	Queries security IP groups (deprecated)	20

Layer 4 Application Proxy APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateL4Proxy	Creates Layer 4 proxy instances	20
ModifyL4Proxy	Modifies a Layer 4 proxy instance	20

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ModifyL4ProxyStatus	Modifies Layer 4 proxy instance status	20
DescribeL4Proxy	Queries a Layer 4 proxy instance list	20
DeleteL4Proxy	Deletes a Layer 4 proxy instance	20
CreateL4ProxyRules	Creates Layer 4 proxy forwarding rules	20
ModifyL4ProxyRules	Modifies Layer 4 proxy forwarding rules	20
ModifyL4ProxyRulesStatus	Modifies Layer 4 proxy forwarding rule status	20
DescribeL4ProxyRules	Queries a Layer 4 proxy forwarding rule list	20
DeleteL4ProxyRules	Deletes Layer 4 proxy forwarding rules	20
CreateApplicationProxy	Creates an application proxy (legacy)	20
ModifyApplicationProxy	Modifies an application proxy (legacy)	20
ModifyApplicationProxyStatus	Modifies the application proxy status (legacy)	20
DescribeApplicationProxies	Queries the application proxy list (legacy)	20
DeleteApplicationProxy	Deletes an application proxy (legacy)	20
CreateApplicationProxyRule	Creates an application proxy rule (legacy)	20
ModifyApplicationProxyRule	Modifies an application proxy rule (legacy)	20
ModifyApplicationProxyRuleStatus	Modifies the status of an application proxy rule (legacy)	20
DeleteApplicationProxyRule	Deletes an application proxy rule (legacy)	20

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Content Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePurgeTask	This API is used to create a cache purging task.	20
DescribePurgeTasks	Querying the cache purging history	20
CreatePrefetchTask	This API is used to create a pre-warming task.	20
DescribePrefetchTasks	This API is used to query the pre-warming task status.	20
DescribeContentQuota	This API is used to query content management quotas.	20

Data Analysis APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeDDoSAttackData	Queries the time-series data of DDoS attacks.	100
DescribeDDoSAttackEvent	Queries DDoS attack events.	100
DescribeDDoSAttackTopData	Queries the top-ranked DDoS attack data.	100
DescribeOverviewL7Data	Query monitoring traffic time sequence data (to be discarded)	100
DescribeTimingL4Data	Queries the L4 traffic data over time	100
DescribeTimingL7AnalysisData	Queries the traffic analysis data over time	100
DescribeTopL7AnalysisData	Queries the traffic analysis data	100
DescribeTimingL7CacheData	Queries the cache analysis data over time	100

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DescribeTopL7CacheData	Queries the ranked data of caching	100

Log Service APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DownloadL7Logs	Downloads L7 logs.	100
DownloadL4Logs	Downloads L4 logs	100
CreateCLSIndex	Creates a CLS index	20
CreateRealtimeLogDeliveryTask	Creates a real-time log delivery task	20
ModifyRealtimeLogDeliveryTask	Modifies a real-time log delivery task	20
DeleteRealtimeLogDeliveryTask	Deletes a real-time log delivery task	20
DescribeRealtimeLogDeliveryTasks	Queries the list of real-time log delivery tasks	20

Billing APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePlan	Creates plan	20
UpgradePlan	Upgrades plan	20
RenewPlan	Renews plan	20
ModifyPlan	Modifies plan setting	20
IncreasePlanQuota	Purchases additional plan quota	20
DestroyPlan	Terminates plan	20
CreatePlanForZone	Purchase a plan for a new site	20

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BindZoneToPlan	Binds a site to a plan.	20
DescribeBillingData	Queries billing data	50
DescribeAvailablePlans	Queries plan options available for purchase	20

Certificate APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeDefaultCertificates	Queries the list of default certificates	20
ModifyHostsCertificate	Configures the certificate	20

Load Balancing APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateOriginGroup	Creates an origin group	20
ModifyOriginGroup	Modifies an origin group	20
DeleteOriginGroup	Deletes an origin group	20
DescribeOriginGroup	Obtains a list of origin groups.	20

Diagnostic Tool APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeIPRegion	Queries IP location information	20

Custom Response Page APIs

API Name	Feature	Frequency Limit (maximum requests per

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		second)
CreateCustomizeErrorPage	Creates a custom response page	20
DescribeCustomErrorPages	Queries the custom response page list	20
ModifyCustomErrorPage	Modifies a custom response page	20
DeleteCustomErrorPage	Deletes a custom response page	20

Version Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateConfigGroupVersion	Create Configuration Group Version	20
DeployConfigGroupVersion	Release Configuration Group Version	20
DescribeConfigGroupVersionDetail	Query Configuration Group Version Details	20
DescribeConfigGroupVersions	Query Configuration Group Version List	20
DescribeDeployHistory	Query Version Release History	20
DescribeEnvironments	Query Environment Information	20

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Making API Requests
Request Structure

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1. Service Address

The API supports access from either a nearby region (at teo.tencentcloudapi.com) or a specified region (at teo.ap-guangzhou.tencentcloudapi.com for Guangzhou, for example).

We recommend using the domain name to access the nearest server. When you call an API, the request is automatically resolved to a server in the region **nearest** to the location where the API is initiated. For example, when you initiate an API request in Guangzhou, this domain name is automatically resolved to a Guangzhou server, the result is the same as that of specifying the region in the domain like "teo.ap-guangzhou.tencentcloudapi.com".

Note: For latency-sensitive businesses, we recommend that you specify the region in the domain name.

Tencent Cloud currently supports the following regions:

Hosted region	Domain name
Local access region (recommended, only for non-financial availability zones)	teo.tencentcloudapi.com
South China (Guangzhou)	teo.ap-guangzhou.tencentcloudapi.com
East China (Shanghai)	teo.ap-shanghai.tencentcloudapi.com
North China (Beijing)	teo.ap-beijing.tencentcloudapi.com
Southwest China (Chengdu)	teo.ap-chengdu.tencentcloudapi.com
Southwest China (Chongqing)	teo.ap-chongqing.tencentcloudapi.com
Hong Kong, Macao, Taiwan (Hong Kong, China)	teo.ap-hongkong.tencentcloudapi.com
Southeast Asia (Singapore)	teo.ap-singapore.tencentcloudapi.com
Southeast Asia (Bangkok)	teo.ap-bangkok.tencentcloudapi.com

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South Asia (Mumbai)	teo.ap-mumbai.tencentcloudapi.com
Northeast Asia (Seoul)	teo.ap-seoul.tencentcloudapi.com
Northeast Asia (Tokyo)	teo.ap-tokyo.tencentcloudapi.com
U.S. East Coast (Virginia)	teo.na-ashburn.tencentcloudapi.com
U.S. West Coast (Silicon Valley)	teo.na-siliconvalley.tencentcloudapi.com
North America (Toronto)	teo.na-toronto.tencentcloudapi.com
Europe (Frankfurt)	teo.eu-frankfurt.tencentcloudapi.com

2. Communications Protocol

All the Tencent Cloud APIs communicate via HTTPS, providing highly secure communication tunnels.

3. Request Methods

Supported HTTP request methods:

- POST (recommended)
- GET

The Content-Type types supported by POST requests:

- application/json (recommended). The TC3-HMAC-SHA256 signature algorithm must be used.
- application/x-www-form-urlencoded. The HmacSHA1 or HmacSHA256 signature algorithm must be used.
- multipart/form-data (only supported by certain APIs). You must use TC3-HMAC-SHA256 to calculate the signature.

The size of a GET request packet is up to 32 KB. The size of a POST request is up to 1 MB when the HmacSHA1 or HmacSHA256 signature algorithm is used, and up to 10 MB when TC3-HMAC-SHA256 is used.

4. Character Encoding

Only UTF-8 encoding is used.

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Common Params

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Common parameters are used for all APIs authenticating requestors. Common parameters must be included in all API requests, and they will not be described in individual API documents.

The exact contents of the common parameters will vary depending on the version of the signature method you use.

Common parameters for Signature Algorithm v3

When the TC3-HMAC-SHA256 algorithm is used, the common parameters should be uniformly placed in the HTTP request header, as shown below:

Parameter Name	Type	Required	Description
X-TC-Action	String	Yes	The name of the API for the desired operation. For the specific value, see description of common parameter `Action` in the input parameters in r documentation. For example, the API for querying the CVM instance list i `DescribeInstances` .
X-TC-Region	String	Yes	Region parameter, which is used to identify the region to which the data y work with belongs. For values supported for an API, see the description c parameter `Region` in the input parameters in related API documentati parameter is not required for some APIs (which will be indicated in relate documentation), and will not take effect even it is passed.
X-TC-Timestamp	Integer	Yes	The current UNIX timestamp that records the time when the API request for example, 1529223702. Note: If the difference between the UNIX times server time is greater than 5 minutes, a signature expiration error may oc
X-TC-Version	String	Yes	API version of the action. For the valid values, see the description of the c parameter `Version` in the API documentation. For example, the versi 2017-03-12.
Authorization	String	Yes	The HTTP authentication request header, for example: TC3-HMAC-SHA256 Credential=AKIDEXAMPLE/Date/service/tc3_requ SignedHeaders=content-type;host, Signature=fe5f80f77d5fa3beca038a248ff027d0445342fe2855ddc96317 Here: - TC3-HMAC-SHA256: Signature method, currently fixed as this value; - Credential: Signature credential; AKIDEXAMPLE is the SecretId; Date i UTC time, and this value must match the value of X-TC-Timestamp (a co

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			parameter) in UTC time format; service is the name of the product/service generally a domain name prefix. For example, a domain name cvm.tencen refers to the CVM product and the value would be cvm; - SignedHeaders: The headers that contains the authentication informatic type and host are the required headers; - Signature: Signature digest.
X-TC-Token	String	No	The token used for a temporary certificate. It must be used with a tempor can obtain the temporary key and token by calling a CAM API. No token i a long-term key.

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Limit=10&Offset=0

Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3EXAMPLE/20
18-10-09/cvm/tc3_request, SignedHeaders=content-type;host, Signature=5da7a33f6993
f0614b047e5df4582db9e9bf4672ba50567dba16c6ccf174c474
Content-Type: application/x-www-form-urlencoded
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1539084154
X-TC-Region: ap-guangzhou
```

The following example shows you how to structure an HTTP POST (application/json) request:

```
https://cvm.tencentcloudapi.com/

Authorization: TC3-HMAC-SHA256 Credential=AKIDEXAMPLE/2018-05-30/cvm/tc3_request,
SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b1316
2d9279b0855cfba6789a8edb4c
Content-Type: application/json
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

{"Offset":0,"Limit":10}
```

Example of an HTTP POST (multipart/form-data) request structure (only supported by specific APIs):

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```
https://cvm.tencentcloudapi.com/

Authorization: TC3-HMAC-SHA256 Credential=AKIDEXAMPLE/2018-05-30/cvm/tc3_request,
SignedHeaders=content-type;host, Signature=582c400e06b5924a6f2b5d7d672d79c15b1316
2d9279b0855cfba6789a8edb4c
Content-Type: multipart/form-data; boundary=58731222010402
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1527672334
X-TC-Region: ap-guangzhou

--58731222010402
Content-Disposition: form-data; name="Offset"

0
--58731222010402
Content-Disposition: form-data; name="Limit"

10
--58731222010402--
```

Common parameters for Signature Algorithm v1

To adopt the HmacSHA1 and HmacSHA256 signature methods, common parameters must be put into the request string, as shown below:

Parameter Name	Type	Required	Description
Action	String	Yes	The name of the API for the desired operation. For the specific value, see the description of common parameter `Action` in the input parameters in related API documentation. For example, the API for querying the CVM instance list is `DescribeInstances`.
Region	String	Yes	Region parameter, which is used to identify the region to which the data you want to work with belongs. For values supported for an API, see the description of common parameter `Region` in the input parameters in related API documentation. Note: This parameter is not required for some APIs (which will be indicated in related API documentation), and will not take effect even if it is passed.

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Timestamp	Integer	Yes	The current UNIX timestamp that records the time when the API request was initiated, for example, 1529223702. If the difference between the value and the current system time is too large, a signature expiration error may occur.
Nonce	Integer	Yes	A random positive integer used along with `Timestamp` to prevent replay attacks.
SecretId	String	Yes	The identifying SecretId obtained on the Cloud API Key page. A SecretId corresponds to a unique SecretKey which is used to generate the request signature (Signature).
Signature	String	Yes	Request signature used to verify the validity of this request. This is calculated based on the actual input parameters. For more information about how this is calculated, see the API authentication documentation.
Version	String	Yes	API version of the action. For the valid values, see the description of the common input parameter `Version` in the API documentation. For example, the version of CVM is 2017-03-12.
SignatureMethod	String	No	Signature method. Currently, only HmacSHA256 and HmacSHA1 are supported. The HmacSHA256 algorithm is used to verify the signature only when this parameter is specified as HmacSHA256. In other cases, the signature is verified with HmacSHA1.
Token	String	No	The token used for a temporary certificate. It must be used with a temporary key. You can obtain the temporary key and token by calling a CAM API. No token is required for a long-term key.

Assuming you want to query the list of Cloud Virtual Machine instances in the Guangzhou region, the request structure in the form of request URL, request header and request body may be as follows:

Example of an HTTP GET request structure:

```
https://cvm.tencentcloudapi.com/?Action=DescribeInstances&Version=2017-03-12&Sign
atureMethod=HmacSHA256&Timestamp=1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb45
9b1bbee224158d66e7ae5fcadb70b2d181d02&Region=ap-guangzhou&Nonce=23823223&SecretId
=AKIDEXAMPLE

Host: cvm.tencentcloudapi.com
Content-Type: application/x-www-form-urlencoded
```

Example of an HTTP POST request structure:

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```
https://cvm.tencentcloudapi.com/

Host: cvm.tencentcloudapi.com
Content-Type: application/x-www-form-urlencoded

Action=DescribeInstances&Version=2017-03-12&SignatureMethod=HmacSHA256&Timestamp=
1527672334&Signature=37ac2f4fde00b0ac9bd9eadeb459b1bbee224158d66e7ae5fcadb70b2d18
1d02&Region=ap-guangzhou&Nonce=23823223&SecretId=AKIDEXAMPLE
```

Region List

The supported Region field values for all APIs in this product are listed as below. For any API that does not support any of the following regions, this field will be described additionally in the relevant API document.

Region	Value
Southwest China (Chongqing)	ap-chongqing
South China (Guangzhou)	ap-guangzhou
Southeast Asia (Singapore)	ap-singapore

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Signature v3

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TencentCloud API authenticates every single request, i.e., the request must be signed using the security credentials in the designated steps. Each request has to contain the signature information (Signature) in the common request parameters and be sent in the specified way and format.

Applying for Security Credentials

The security credential used in this document is a key, which includes a SecretId and a SecretKey. Each user can have up to two pairs of keys.

- SecretId: Used to identify the API caller, which is just like a username.
- SecretKey: Used to authenticate the API caller, which is just like a password.
- **You must keep your security credentials private and avoid disclosure; otherwise, your assets may be compromised. If they are disclosed, please disable them as soon as possible.**

You can apply for the security credentials through the following steps:

1. Log in to the Tencent Cloud Console.
2. Go to the TencentCloud API Key console page.
3. On the TencentCloud API Key page, click **Create** to create a SecretId/SecretKey pair.

Using the Resources for Developers

TencentCloud API comes with SDKs for seven commonly used programming languages, including Python, Java, PHP, Go, NodeJS and .NET. In addition, it provides API Explorer which enables online call, signature verification, and SDK code generation. If you have any troubles calculating a signature, consult these resources.

TC3-HMAC-SHA256 Signature Algorithm

Compatible with the previous HmacSHA1 and HmacSHA256 signature algorithms, the TC3-HMAC-SHA256 signature algorithm is more secure and supports larger requests and JSON format with better performance. We recommend using TC3-HMAC-SHA256 to calculate the signature.

TencentCloud API supports both GET and POST requests. For the GET method, only the Content-Type: application/x-www-form-urlencoded protocol format is supported. For the POST method, two protocol formats,

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Content-Type: application/json and Content-Type: multipart/form-data, are supported. The JSON format is supported by default for all business APIs, and the multipart format is supported only for specific business APIs. In this case, the API cannot be called in JSON format. See the specific business API documentation for more information. The POST method is recommended, as there is no difference in the results of both the methods, but the GET method only supports request packets up to 32 KB.

The following uses querying the list of CVM instances in the Guangzhou region as an example to describe the steps of signature splicing. We chose this API because:

1. CVM is activated by default, and this API is often used;
2. It is read-only and does not change the status of existing resources;
3. It covers many types of parameters, which allows it to be used to demonstrate how to use arrays containing data structures.

In the example, we try to choose common parameters and API parameters that are prone to mistakes. When you actually call an API, please use parameters based on the actual conditions. The parameters vary by API. Do not copy the parameters and values in this example.

Assuming that your SecretId and SecretKey are `AKIDz8krbsJ5yKBZQpn74WFkmLPx3******` and `Gu5t9xGARNpq86cd98joQYCN3*******`, respectively, if you want to view the status of the instance in the Guangzhou region whose CVM instance name is "unnamed" and have only one data entry returned, then the request may be:

```
curl -X POST https://cvm.tencentcloudapi.com \
-H "Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3******
*/2019-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=c492e8e4
1437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff" \
-H "Content-Type: application/json; charset=utf-8" \
-H "Host: cvm.tencentcloudapi.com" \
-H "X-TC-Action: DescribeInstances" \
-H "X-TC-Timestamp: 1551113065" \
-H "X-TC-Version: 2017-03-12" \
-H "X-TC-Region: ap-guangzhou" \
-d '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}'
```

The signature calculation process is explained in detail below.

1. Concatenating the CanonicalRequest String

Concatenate the canonical request string (CanonicalRequest) in the following pseudocode format:

```
CanonicalRequest =
HTTPRequestMethod + '\n' +
CanonicalURI + '\n' +
```

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```
CanonicalQueryString + '\n' +
CanonicalHeaders + '\n' +
SignedHeaders + '\n' +
HashedRequestPayload
```

Field Name	Explanation
HTTPRequestMethod	HTTP request method (GET or POST). This example uses `POST` .
CanonicalURI	URI parameter. Slash ("/") is used for API 3.0.
CanonicalQueryString	The query string in the URL of the originating HTTP request. This is always an empty st “” for POST requests, and is the string after the question mark (?) for GET requests. Fo example: Limit=10&Offset=0。 Note: `CanonicalQueryString` must be URL-encoded, referencing RFC3986, the UTF8 character set. We recommend using the programming language library. All speci characters must be encoded and capitalized.
CanonicalHeaders	Header information for signature calculation, including at least two headers of `host` `content-type` . Custom headers can be added to participate in the signature proce improve the uniqueness and security of the request. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase with the lead and trailing spaces removed, so they are concatenated in the format of key:value\n format; 2. If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase). The calculation result in this example is `content-type:application/json; charset=utf-8\nhost:cvm.tencentcloudapi.com\n` . Note: `content-type` must match the actually sent content. In some programming languages, a charset value would be added even if it is not specified. In this case, the request sent is different from the one signed, and the sever will return an error indicating signature verification failed.
SignedHeaders	Header information for signature calculation, indicating which headers of the request participate in the signature process (they must each individually correspond to the heac in CanonicalHeaders). `Content-type` and `host` are required headers. Concatenation rules: 1. Both the key and value of the header should be converted to lowercase; 2. If there are multiple headers, they should be sorted in ASCII ascending order by the header keys (lowercase) and separated by semicolons (;). The value in this example is `content-type;host`
HashedRequestPayload	Hash value of the request payload (i.e., the body, such as `{"Limit": 1, "Filter`

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	`[{"Values": ["unnamed"], "Name": "instance-name"}]}` in this exampl The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(RequestPayload))) by SHA256 hashing the pay of the HTTP request, performing hexadecimal encoding, and finally converting the enco string to lowercase letters. For GET requests, `RequestPayload` is always an empt string. The calculation result in this example is `99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4`

According to the rules above, the `CanonicalRequest` string obtained in the example is as follows:

```
POST
/

content-type:application/json; charset=utf-8
host:cvm.tencentcloudapi.com

content-type;host
99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907
```

2. Concatenating the String to Be Signed

The string to sign is concatenated as follows:

```
StringToSign =
Algorithm + \n +
RequestTimestamp + \n +
CredentialScope + \n +
HashedCanonicalRequest
```

Field Name	Explanation
Algorithm	Signature algorithm, which is currently always `TC3-HMAC-SHA256` .
RequestTimestamp	Request timestamp, i.e., the value of the common parameter `X-TC-Timestamp` in request header, which is the UNIX timestamp of the current time in seconds, such as `1551113065` in this example.
CredentialScope	Scope of the credential in the format of `Date/service/tc3_request` , including date, requested service and termination string (tc3_request). **`Date` is a date in UT time, whose value should match the UTC date converted by the common parameter `X-TC-Timestamp` ;** `service` is the product name, which should m the domain name of the product called. The calculation result in this example is `2015/cvm/tc3_request` .

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HashedCanonicalRequest	Hash value of the CanonicalRequest string concatenated in the steps above. The pseudocode for calculation is Lowercase(HexEncode(Hash.SHA256(CanonicalRequ The calculation result in this example is `2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3ad`

Note:

1. Date has to be calculated from the timestamp "X-TC-Timestamp" and the time zone is UTC+0. If you add the system's local time zone information (such as UTC+8), calls can succeed both day and night but will definitely fail at 00:00. For example, if the timestamp is 1551113065 and the time in UTC+8 is 2019-02-26 00:44:25, the UTC+0 date in the calculated Date value should be 2019-02-25 instead of 2019-02-26.
2. Timestamp must be the same as your current system time, and your system time and standard time must be synced; if the difference between Timestamp and your current system time is larger than five minutes, the request will fail. If your system time is out of sync with the standard time for a while, the request will fail and return a signature expiration error.

According to the preceding rules, the string to be signed obtained in the example is as follows:

```
TC3-HMAC-SHA256
1551113065
2019-02-25/cvm/tc3_request
2815843035062fffda5fd6f2a44ea8a34818b0dc46f024b8b3786976a3adda7a
```

3. Calculating the Signature

1. Calculate the derived signature key with the following pseudocode:

```
SecretKey = "Gu5t9xGARNpq86cd98joQYCN3*******"
SecretDate = HMAC_SHA256("TC3" + SecretKey, Date)
SecretService = HMAC_SHA256(SecretDate, Service)
SecretSigning = HMAC_SHA256(SecretService, "tc3_request")
```

Field Name	Explanation
SecretKey	The original SecretKey, i.e., `Gu5t9xGARNpq86cd98joQYCN3*******` .
Date	The Date field information in `Credential` , such as `2019-02-25` in this example.

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Service	Value in the Service field in `Credential`, such as `cvm` in this example.

2. Calculate the signature with the following pseudocode:

```
Signature = HexEncode(HMAC_SHA256(SecretSigning, StringToSign))
```

4. Concatenating the Authorization

The Authorization is concatenated as follows:

```
Authorization =
Algorithm + ' ' +
'Credential=' + SecretId + '/' + CredentialScope + ', ' +
'SignedHeaders=' + SignedHeaders + ', ' +
'Signature=' + Signature
```

Field Name	Explanation
Algorithm	Signature algorithm, which is always `TC3-HMAC-SHA256`.
SecretId	The SecretId in the key pair, i.e., `AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******`.
CredentialScope	Credential scope (see above). The calculation result in this example is `2019-02-25/cvm/tc3_request`.
SignedHeaders	Header information for signature calculation (see above), such as `content-type;host` in this example.
Signature	Signature value. The calculation result in this example is `c492e8e41437e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff`.

According to the rules above, the value obtained in the example is:

```
TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******/2019-02-25/cvm/tc
3_request, SignedHeaders=content-type;host, Signature=c492e8e41437e97a620b728c301
bb8d17e7dc0c17eeabce80c20cd70fc3a78ff
```

The following example shows a finished authorization header:

```
POST https://cvm.tencentcloudapi.com/
Authorization: TC3-HMAC-SHA256 Credential=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******/20
19-02-25/cvm/tc3_request, SignedHeaders=content-type;host, Signature=c492e8e41437
e97a620b728c301bb8d17e7dc0c17eeabce80c20cd70fc3a78ff
```

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```
Content-Type: application/json; charset=utf-8
Host: cvm.tencentcloudapi.com
X-TC-Action: DescribeInstances
X-TC-Version: 2017-03-12
X-TC-Timestamp: 1551113065
X-TC-Region: ap-guangzhou

{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-name"}]}
```

5. Signature Demo

When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See SDK Center for more information. Currently, the following programming languages are supported:

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage.

The final output URL might be: https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******&Signature=EliP9YW3pW28FpsEdkXt%2F%2BWcGeI%3D&Timestamp=1465185768&Version=2017-03-12.

Note: The key in the example is fictitious, and the timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp.

Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly.

Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature calculation errors may occur due to the differences in details. Please refer to the corresponding documentation.

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Java

```
import java.nio.charset.Charset;
import java.nio.charset.StandardCharsets;
import java.security.MessageDigest;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.TimeZone;
import java.util.TreeMap;
import javax.crypto.Mac;
import javax.crypto.spec.SecretKeySpec;
import javax.xml.bind.DatatypeConverter;

public class TencentCloudAPITC3Demo {
private final static Charset UTF8 = StandardCharsets.UTF_8;
private final static String SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
private final static String SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";
private final static String CT_JSON = "application/json; charset=utf-8";

public static byte[] hmac256(byte[] key, String msg) throws Exception {
Mac mac = Mac.getInstance("HmacSHA256");
SecretKeySpec secretKeySpec = new SecretKeySpec(key, mac.getAlgorithm());
mac.init(secretKeySpec);
return mac.doFinal(msg.getBytes(UTF8));
}

public static String sha256Hex(String s) throws Exception {
MessageDigest md = MessageDigest.getInstance("SHA-256");
byte[] d = md.digest(s.getBytes(UTF8));
return DatatypeConverter.printHexBinary(d).toLowerCase();
}

public static void main(String[] args) throws Exception {
String service = "cvm";
String host = "cvm.tencentcloudapi.com";
String region = "ap-guangzhou";
String action = "DescribeInstances";
String version = "2017-03-12";
String algorithm = "TC3-HMAC-SHA256";
String timestamp = "1551113065";
//String timestamp = String.valueOf(System.currentTimeMillis() / 1000);
SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
// Pay attention to the time zone; otherwise, errors may occur
sdf.setTimeZone(TimeZone.getTimeZone("UTC"));
String date = sdf.format(new Date(Long.valueOf(timestamp + "000")));

// ************* Step 1: Concatenate the CanonicalRequest string *************
```

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```
String httpRequestMethod = "POST";
String canonicalUri = "/";
String canonicalQueryString = "";
String canonicalHeaders = "content-type:application/json; charset=utf-8\n" + "hos
t:" + host + "\n";
String signedHeaders = "content-type;host";

String payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}";
String hashedRequestPayload = sha256Hex(payload);
String canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canoni
calQueryString + "\n"
+ canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload;
System.out.println(canonicalRequest);

// ************* Step 2: Concatenate the string to sign *************
String credentialScope = date + "/" + service + "/" + "tc3_request";
String hashedCanonicalRequest = sha256Hex(canonicalRequest);
String stringToSign = algorithm + "\n" + timestamp + "\n" + credentialScope +
"\n" + hashedCanonicalRequest;
System.out.println(stringToSign);

// ************* Step 3: Calculate the signature *************
byte[] secretDate = hmac256(("TC3" + SECRET_KEY).getBytes(UTF8), date);
byte[] secretService = hmac256(secretDate, service);
byte[] secretSigning = hmac256(secretService, "tc3_request");
String signature = DatatypeConverter.printHexBinary(hmac256(secretSigning, string
ToSign)).toLowerCase();
System.out.println(signature);

// ************* Step 4: Concatenate the Authorization *************
String authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + creden
tialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", " + "Signature=" + signature;
System.out.println(authorization);

TreeMap<String, String> headers = new TreeMap<String, String>();
headers.put("Authorization", authorization);
headers.put("Content-Type", CT_JSON);
headers.put("Host", host);
headers.put("X-TC-Action", action);
headers.put("X-TC-Timestamp", timestamp);
headers.put("X-TC-Version", version);
headers.put("X-TC-Region", region);

StringBuilder sb = new StringBuilder();
sb.append("curl -X POST https://").append(host)
```

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```
.append(" -H \"Authorization: ").append(authorization).append("\"")
.append(" -H \"Content-Type: application/json; charset=utf-8\"")
.append(" -H \"Host: ").append(host).append("\"")
.append(" -H \"X-TC-Action: ").append(action).append("\"")
.append(" -H \"X-TC-Timestamp: ").append(timestamp).append("\"")
.append(" -H \"X-TC-Version: ").append(version).append("\"")
.append(" -H \"X-TC-Region: ").append(region).append("\"")
.append(" -d '").append(payload).append("'");
System.out.println(sb.toString());
}
}
```

Python

```
# -*- coding: utf-8 -*-
import hashlib, hmac, json, os, sys, time
from datetime import datetime

# Key Parameters
secret_id = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*******"

service = "cvm"
host = "cvm.tencentcloudapi.com"
endpoint = "https://" + host
region = "ap-guangzhou"
action = "DescribeInstances"
version = "2017-03-12"
algorithm = "TC3-HMAC-SHA256"
#timestamp = int(time.time())
timestamp = 1551113065
date = datetime.utcfromtimestamp(timestamp).strftime("%Y-%m-%d")
params = {"Limit": 1, "Filters": [{"Name": "instance-name", "Values": ["unnamed"
]}]}

# ************* Step 1: Concatenate the CanonicalRequest string *************
http_request_method = "POST"
canonical_uri = "/"
canonical_querystring = ""
ct = "application/json; charset=utf-8"
payload = json.dumps(params)
canonical_headers = "content-type:%s\nhost:%s\n" % (ct, host)
signed_headers = "content-type;host"
hashed_request_payload = hashlib.sha256(payload.encode("utf-8")).hexdigest()
canonical_request = (http_request_method + "\n" +
canonical_uri + "\n" +
```

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```
canonical_querystring + "\n" +
canonical_headers + "\n" +
signed_headers + "\n" +
hashed_request_payload)
print(canonical_request)

# ************* Step 2: Concatenate the string to sign *************
credential_scope = date + "/" + service + "/" + "tc3_request"
hashed_canonical_request = hashlib.sha256(canonical_request.encode("utf-8")).hexd
igest()
string_to_sign = (algorithm + "\n" +
str(timestamp) + "\n" +
credential_scope + "\n" +
hashed_canonical_request)
print(string_to_sign)


# ************* Step 3: Calculate the Signature *************
# Function for computing signature digest
def sign(key, msg):
return hmac.new(key, msg.encode("utf-8"), hashlib.sha256).digest()
secret_date = sign(("TC3" + secret_key).encode("utf-8"), date)
secret_service = sign(secret_date, service)
secret_signing = sign(secret_service, "tc3_request")
signature = hmac.new(secret_signing, string_to_sign.encode("utf-8"), hashlib.sha2
56).hexdigest()
print(signature)

# ************* Step 4: Concatenate the Authorization *************
authorization = (algorithm + " " +
"Credential=" + secret_id + "/" + credential_scope + ", " +
"SignedHeaders=" + signed_headers + ", " +
"Signature=" + signature)
print(authorization)

print('curl -X POST ' + endpoint
+ ' -H "Authorization: ' + authorization + '"'
+ ' -H "Content-Type: application/json; charset=utf-8"'
+ ' -H "Host: ' + host + '"'
+ ' -H "X-TC-Action: ' + action + '"'
+ ' -H "X-TC-Timestamp: ' + str(timestamp) + '"'
+ ' -H "X-TC-Version: ' + version + '"'
+ ' -H "X-TC-Region: ' + region + '"'
+ " -d '" + payload + "'")
```

Golang

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```go
package main

import (
"crypto/hmac"
"crypto/sha256"
"encoding/hex"
"fmt"
"time"
)

func sha256hex(s string) string {
b := sha256.Sum256([]byte(s))
return hex.EncodeToString(b[:])
}

func hmacsha256(s, key string) string {
hashed := hmac.New(sha256.New, []byte(key))
hashed.Write([]byte(s))
return string(hashed.Sum(nil))
}

func main() {
secretId := "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secretKey := "Gu5t9xGARNpq86cd98joQYCN3*******"
host := "cvm.tencentcloudapi.com"
algorithm := "TC3-HMAC-SHA256"
service := "cvm"
version := "2017-03-12"
action := "DescribeInstances"
region := "ap-guangzhou"
//var timestamp int64 = time.Now().Unix()
var timestamp int64 = 1551113065

// step 1: build canonical request string
httpRequestMethod := "POST"
canonicalURI := "/"
canonicalQueryString := ""
canonicalHeaders := "content-type:application/json; charset=utf-8\n" + "host:" +
host + "\n"
signedHeaders := "content-type;host"
payload := `{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-na
me"}]}`
hashedRequestPayload := sha256hex(payload)
canonicalRequest := fmt.Sprintf("%s\n%s\n%s\n%s\n%s\n%s",
httpRequestMethod,
canonicalURI,
```

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```
canonicalQueryString,
canonicalHeaders,
signedHeaders,
hashedRequestPayload)
fmt.Println(canonicalRequest)

// step 2: build string to sign
date := time.Unix(timestamp, 0).UTC().Format("2006-01-02")
credentialScope := fmt.Sprintf("%s/%s/tc3_request", date, service)
hashedCanonicalRequest := sha256hex(canonicalRequest)
string2sign := fmt.Sprintf("%s\n%d\n%s\n%s",
algorithm,
timestamp,
credentialScope,
hashedCanonicalRequest)
fmt.Println(string2sign)

// step 3: sign string
secretDate := hmacsha256(date, "TC3"+secretKey)
secretService := hmacsha256(service, secretDate)
secretSigning := hmacsha256("tc3_request", secretService)
signature := hex.EncodeToString([]byte(hmacsha256(string2sign, secretSigning)))
fmt.Println(signature)

// step 4: build authorization
authorization := fmt.Sprintf("%s Credential=%s/%s, SignedHeaders=%s, Signature=%
s",
algorithm,
secretId,
credentialScope,
signedHeaders,
signature)
fmt.Println(authorization)

curl := fmt.Sprintf(`curl -X POST https://%s\
-H "Authorization: %s"\
-H "Content-Type: application/json; charset=utf-8"\
-H "Host: %s" -H "X-TC-Action: %s"\
-H "X-TC-Timestamp: %d"\
-H "X-TC-Version: %s"\
-H "X-TC-Region: %s"\
-d '%s'`, host, authorization, host, action, timestamp, version, region, payload)
fmt.Println(curl)
}
```

PHP

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```php
<?php
$secretId = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
$secretKey = "Gu5t9xGARNpq86cd98joQYCN3*******";
$host = "cvm.tencentcloudapi.com";
$service = "cvm";
$version = "2017-03-12";
$action = "DescribeInstances";
$region = "ap-guangzhou";
// $timestamp = time();
$timestamp = 1551113065;
$algorithm = "TC3-HMAC-SHA256";

// step 1: build canonical request string
$httpRequestMethod = "POST";
$canonicalUri = "/";
$canonicalQueryString = "";
$canonicalHeaders = "content-type:application/json; charset=utf-8\n"."host:".$hos
t."\n";
$signedHeaders = "content-type;host";
$payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-na
me"}]}';
$hashedRequestPayload = hash("SHA256", $payload);
$canonicalRequest = $httpRequestMethod."\n"
.$canonicalUri."\n"
.$canonicalQueryString."\n"
.$canonicalHeaders."\n"
.$signedHeaders."\n"
.$hashedRequestPayload;
echo $canonicalRequest.PHP_EOL;

// step 2: build string to sign
$date = gmdate("Y-m-d", $timestamp);
$credentialScope = $date."/".$service."/tc3_request";
$hashedCanonicalRequest = hash("SHA256", $canonicalRequest);
$stringToSign = $algorithm."\n"
.$timestamp."\n"
.$credentialScope."\n"
.$hashedCanonicalRequest;
echo $stringToSign.PHP_EOL;

// step 3: sign string
$secretDate = hash_hmac("SHA256", $date, "TC3".$secretKey, true);
$secretService = hash_hmac("SHA256", $service, $secretDate, true);
$secretSigning = hash_hmac("SHA256", "tc3_request", $secretService, true);
$signature = hash_hmac("SHA256", $stringToSign, $secretSigning);
echo $signature.PHP_EOL;
```

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```
// step 4: build authorization
$authorization = $algorithm
." Credential=".$secretId."/".$credentialScope
.", SignedHeaders=content-type;host, Signature=".$signature;
echo $authorization.PHP_EOL;

$curl = "curl -X POST https://".$host
.' -H "Authorization: '.$authorization.'"'
.' -H "Content-Type: application/json; charset=utf-8"'
.' -H "Host: '.$host.'"'
.' -H "X-TC-Action: '.$action.'"'
.' -H "X-TC-Timestamp: '.$timestamp.'"'
.' -H "X-TC-Version: '.$version.'"'
.' -H "X-TC-Region: '.$region.'"'
." -d '".$payload."'";
echo $curl.PHP_EOL;
```

Ruby

```
# -*- coding: UTF-8 -*-
# require ruby>=2.3.0
require 'digest'
require 'json'
require 'time'
require 'openssl'

# Key Parameters
secret_id = 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******'
secret_key = 'Gu5t9xGARNpq86cd98joQYCN3*******'

service = 'cvm'
host = 'cvm.tencentcloudapi.com'
endpoint = 'https://' + host
region = 'ap-guangzhou'
action = 'DescribeInstances'
version = '2017-03-12'
algorithm = 'TC3-HMAC-SHA256'
# timestamp = Time.now.to_i
timestamp = 1551113065
date = Time.at(timestamp).utc.strftime('%Y-%m-%d')

# ************* Step 1: Concatenate the CanonicalRequest string *************
http_request_method = 'POST'
canonical_uri = '/'
canonical_querystring = ''
```

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```
canonical_headers = "content-type:application/json; charset=utf-8\nhost:#{host}
\n"
signed_headers = 'content-type;host'
# params = { 'Limit' => 1, 'Filters' => [{ 'Name' => 'instance-name', 'Values' =>
['unnamed'] }] }
# payload = JSON.generate(params, { 'ascii_only' => true, 'space' => ' ' })
# json will generate in random order, to get specified result in example, we hard
-code it here.
payload = '{"Limit": 1, "Filters": [{"Values": ["unnamed"], "Name": "instance-nam
e"}]}'
hashed_request_payload = Digest::SHA256.hexdigest(payload)
canonical_request = [
http_request_method,
canonical_uri,
canonical_querystring,
canonical_headers,
signed_headers,
hashed_request_payload,
].join("\n")

puts canonical_request

# ************* Step 2: Concatenate the string to sign *************
credential_scope = date + '/' + service + '/' + 'tc3_request'
hashed_request_payload = Digest::SHA256.hexdigest(canonical_request)
string_to_sign = [
algorithm,
timestamp.to_s,
credential_scope,
hashed_request_payload,
].join("\n")
puts string_to_sign

# ************* Step 3: Calculate the Signature *************
digest = OpenSSL::Digest.new('sha256')
secret_date = OpenSSL::HMAC.digest(digest, 'TC3' + secret_key, date)
secret_service = OpenSSL::HMAC.digest(digest, secret_date, service)
secret_signing = OpenSSL::HMAC.digest(digest, secret_service, 'tc3_request')
signature = OpenSSL::HMAC.hexdigest(digest, secret_signing, string_to_sign)
puts signature

# ************* Step 4: Concatenate the Authorization *************
authorization = "#{algorithm} Credential=#{secret_id}/#{credential_scope}, Signed
Headers=#{signed_headers}, Signature=#{signature}"
puts authorization

puts 'curl -X POST ' + endpoint \
```

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```
+ ' -H "Authorization: ' + authorization + '"' \
+ ' -H "Content-Type: application/json; charset=utf-8"' \
+ ' -H "Host: ' + host + '"' \
+ ' -H "X-TC-Action: ' + action + '"' \
+ ' -H "X-TC-Timestamp: ' + timestamp.to_s + '"' \
+ ' -H "X-TC-Version: ' + version + '"' \
+ ' -H "X-TC-Region: ' + region + '"' \
+ " -d '" + payload + "'"
```

DotNet

```
using System;
using System.Collections.Generic;
using System.Security.Cryptography;
using System.Text;

public class Application
{
public static string SHA256Hex(string s)
{
using (SHA256 algo = SHA256.Create())
{
byte[] hashbytes = algo.ComputeHash(Encoding.UTF8.GetBytes(s));
StringBuilder builder = new StringBuilder();
for (int i = 0; i < hashbytes.Length; ++i)
{
builder.Append(hashbytes[i].ToString("x2"));
}
return builder.ToString();
}
}
public static byte[] HmacSHA256(byte[] key, byte[] msg)
{
using (HMACSHA256 mac = new HMACSHA256(key))
{
return mac.ComputeHash(msg);
}
}

public static Dictionary<String, String> BuildHeaders(string secretid,
string secretkey, string service, string endpoint, string region,
string action, string version, DateTime date, string requestPayload)
{
string datestr = date.ToString("yyyy-MM-dd");
DateTime startTime = new DateTime(1970, 1, 1, 0, 0, 0, 0, DateTimeKind.Utc);
long requestTimestamp = (long)Math.Round((date - startTime).TotalMilliseconds, Mi
```

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```
dpointRounding.AwayFromZero) / 1000;
// ************* Step 1: Concatenate the CanonicalRequest string *************
string algorithm = "TC3-HMAC-SHA256";
string httpRequestMethod = "POST";
string canonicalUri = "/";
string canonicalQueryString = "";
string contentType = "application/json";
string canonicalHeaders = "content-type:" + contentType + "; charset=utf-8\n" +
"host:" + endpoint + "\n";
string signedHeaders = "content-type;host";
string hashedRequestPayload = SHA256Hex(requestPayload);
string canonicalRequest = httpRequestMethod + "\n"
+ canonicalUri + "\n"
+ canonicalQueryString + "\n"
+ canonicalHeaders + "\n"
+ signedHeaders + "\n"
+ hashedRequestPayload;
Console.WriteLine(canonicalRequest);
Console.WriteLine("-----------------------------------");

// ************ Step 2: Concatenate the string to sign *************
string credentialScope = datestr + "/" + service + "/" + "tc3_request";
string hashedCanonicalRequest = SHA256Hex(canonicalRequest);
string stringToSign = algorithm + "\n" + requestTimestamp.ToString() + "\n" + cre
dentialScope + "\n" + hashedCanonicalRequest;
Console.WriteLine(stringToSign);
Console.WriteLine("-----------------------------------");

// ************* Step 3: Calculate the signature *************
byte[] tc3SecretKey = Encoding.UTF8.GetBytes("TC3" + secretkey);
byte[] secretDate = HmacSHA256(tc3SecretKey, Encoding.UTF8.GetBytes(datestr));
byte[] secretService = HmacSHA256(secretDate, Encoding.UTF8.GetBytes(service));
byte[] secretSigning = HmacSHA256(secretService, Encoding.UTF8.GetBytes("tc3_requ
est"));
byte[] signatureBytes = HmacSHA256(secretSigning, Encoding.UTF8.GetBytes(stringTo
Sign));
string signature = BitConverter.ToString(signatureBytes).Replace("-", "").ToLower
();
Console.WriteLine(signature);
Console.WriteLine("-----------------------------------");

// ************* Step 4: Concatenate the Authorization *************
string authorization = algorithm + " "
+ "Credential=" + secretid + "/" + credentialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", "
+ "Signature=" + signature;
Console.WriteLine(authorization);
```

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```
Console.WriteLine("----------------------------------");

Dictionary<string, string> headers = new Dictionary<string, string>();
headers.Add("Authorization", authorization);
headers.Add("Host", endpoint);
headers.Add("Content-Type", contentType + "; charset=utf-8");
headers.Add("X-TC-Timestamp", requestTimestamp.ToString());
headers.Add("X-TC-Version", version);
headers.Add("X-TC-Action", action);
headers.Add("X-TC-Region", region);
return headers;
}
public static void Main(string[] args)
{
// SecretID and SecretKey
string SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";

string service = "cvm";
string endpoint = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";

// The timestamp `2019-02-26 00:44:25` used here is only for reference. In a proj
ect, use the following parameter:
// DateTime date = DateTime.UtcNow;
// Enter the correct time zone. We recommend using UTC timestamp to avoid errors.
DateTime date = new DateTime(1970, 1, 1, 0, 0, 0, 0, DateTimeKind.Utc).AddSeconds
(1551113065);
string requestPayload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"\\u672a\\u5
47d\\u540d\"], \"Name\": \"instance-name\"}]}";

Dictionary<string, string> headers = BuildHeaders(SECRET_ID, SECRET_KEY, service
, endpoint, region, action, version, date, requestPayload);

Console.WriteLine("POST https://cvm.tencentcloudapi.com");
foreach (KeyValuePair<string, string> kv in headers)
{
Console.WriteLine(kv.Key + ": " + kv.Value);
}
Console.WriteLine();
Console.WriteLine(requestPayload);
}
}
```

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NodeJS

```
const crypto = require('crypto');

function sha256(message, secret = '', encoding) {
const hmac = crypto.createHmac('sha256', secret)
return hmac.update(message).digest(encoding)
}
function getHash(message, encoding = 'hex') {
const hash = crypto.createHash('sha256')
return hash.update(message).digest(encoding)
}
function getDate(timestamp) {
const date = new Date(timestamp * 1000)
const year = date.getUTCFullYear()
const month = ('0' + (date.getUTCMonth() + 1)).slice(-2)
const day = ('0' + date.getUTCDate()).slice(-2)
return `${year}-${month}-${day}`
}
function main(){

const SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
const SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******"

const endpoint = "cvm.tencentcloudapi.com"
const service = "cvm"
const region = "ap-guangzhou"
const action = "DescribeInstances"
const version = "2017-03-12"
//const timestamp = getTime()
const timestamp = 1551113065
const date = getDate(timestamp)

// ************* Step 1: Concatenate the CanonicalRequest string *************
const signedHeaders = "content-type;host"

const payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}"

const hashedRequestPayload = getHash(payload);
const httpRequestMethod = "POST"
const canonicalUri = "/"
const canonicalQueryString = ""
const canonicalHeaders = "content-type:application/json; charset=utf-8\n" + "hos
t:" + endpoint + "\n"

const canonicalRequest = httpRequestMethod + "\n"
```

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```
+ canonicalUri + "\n"
+ canonicalQueryString + "\n"
+ canonicalHeaders + "\n"
+ signedHeaders + "\n"
+ hashedRequestPayload
console.log(canonicalRequest)
console.log("----------------------------")

// ************* Step 2: Concatenate the string to sign *************
const algorithm = "TC3-HMAC-SHA256"
const hashedCanonicalRequest = getHash(canonicalRequest);
const credentialScope = date + "/" + service + "/" + "tc3_request"
const stringToSign = algorithm + "\n" +
timestamp + "\n" +
credentialScope + "\n" +
hashedCanonicalRequest
console.log(stringToSign)
console.log("----------------------------")

// ************* Step 3: Calculate the signature *************
const kDate = sha256(date, 'TC3' + SECRET_KEY)
const kService = sha256(service, kDate)
const kSigning = sha256('tc3_request', kService)
const signature = sha256(stringToSign, kSigning, 'hex')
console.log(signature)
console.log("----------------------------")

// ************* Step 4: Concatenate the Authorization *************
const authorization = algorithm + " " +
"Credential=" + SECRET_ID + "/" + credentialScope + ", " +
"SignedHeaders=" + signedHeaders + ", " +
"Signature=" + signature
console.log(authorization)
console.log("----------------------------")

const Call_Information = 'curl -X POST ' + "https://" + endpoint
+ ' -H "Authorization: ' + authorization + '"'
+ ' -H "Content-Type: application/json; charset=utf-8"'
+ ' -H "Host: ' + endpoint + '"'
+ ' -H "X-TC-Action: ' + action + '"'
+ ' -H "X-TC-Timestamp: ' + timestamp.toString() + '"'
+ ' -H "X-TC-Version: ' + version + '"'
+ ' -H "X-TC-Region: ' + region + '"'
+ " -d '" + payload + "'"
console.log(Call_Information)
}
main()
```

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C++

```
#include <iostream>
#include <iomanip>
#include <sstream>
#include <string>
#include <stdio.h>
#include <time.h>
#include <openssl/sha.h>
#include <openssl/hmac.h>

using namespace std;

string get_data(int64_t &timestamp)
{
string utcDate;
char buff[20] = {0};
// time_t timenow;
struct tm sttime;
sttime = *gmtime(&timestamp);
strftime(buff, sizeof(buff), "%Y-%m-%d", &sttime);
utcDate = string(buff);
return utcDate;
}
string int2str(int64_t n)
{
std::stringstream ss;
ss << n;
return ss.str();
}
string sha256Hex(const string &str)
{
char buf[3];
unsigned char hash[SHA256_DIGEST_LENGTH];
SHA256_CTX sha256;
SHA256_Init(&sha256);
SHA256_Update(&sha256, str.c_str(), str.size());
SHA256_Final(hash, &sha256);
std::string NewString = "";
for(int i = 0; i < SHA256_DIGEST_LENGTH; i++)
{
snprintf(buf, sizeof(buf), "%02x", hash[i]);
NewString = NewString + buf;
}
return NewString;
```

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```
}
string HmacSha256(const string &key, const string &input)
{
unsigned char hash[32];

HMAC_CTX *h;
#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX hmac;
HMAC_CTX_init(&hmac);
h = &hmac;
#else
h = HMAC_CTX_new();
#endif

HMAC_Init_ex(h, &key[0], key.length(), EVP_sha256(), NULL);
HMAC_Update(h, ( unsigned char* )&input[0], input.length());
unsigned int len = 32;
HMAC_Final(h, hash, &len);

#if OPENSSL_VERSION_NUMBER < 0x10100000L
HMAC_CTX_cleanup(h);
#else
HMAC_CTX_free(h);
#endif

std::stringstream ss;
ss << std::setfill('0');
for (int i = 0; i < len; i++)
{
ss << hash[i];
}

return (ss.str());
}
string HexEncode(const string &input)
{
static const char* const lut = "0123456789abcdef";
size_t len = input.length();

string output;
output.reserve(2 * len);
for (size_t i = 0; i < len; ++i)
{
const unsigned char c = input[i];
output.push_back(lut[c >> 4]);
output.push_back(lut[c & 15]);
}
```

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```
return output;
}

int main()
{
string SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";

string service = "cvm";
string host = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";
int64_t timestamp = 1551113065;
string date = get_data(timestamp);

// ************* Step 1: Concatenate the CanonicalRequest string *************
string httpRequestMethod = "POST";
string canonicalUri = "/";
string canonicalQueryString = "";
string canonicalHeaders = "content-type:application/json; charset=utf-8\nhost:" +
host + "\n";
string signedHeaders = "content-type;host";
string payload = "{\"Limit\": 1, \"Filters\": [{\"Values\": [\"unnamed\"], \"Name
\": \"instance-name\"}]}";
string hashedRequestPayload = sha256Hex(payload);
string canonicalRequest = httpRequestMethod + "\n" + canonicalUri + "\n" + canoni
calQueryString + "\n"
+ canonicalHeaders + "\n" + signedHeaders + "\n" + hashedRequestPayload;
cout << canonicalRequest << endl;
cout << "-----------------------" << endl;

// ************* Step 2: Concatenate the string to sign *************
string algorithm = "TC3-HMAC-SHA256";
string RequestTimestamp = int2str(timestamp);
string credentialScope = date + "/" + service + "/" + "tc3_request";
string hashedCanonicalRequest = sha256Hex(canonicalRequest);
string stringToSign = algorithm + "\n" + RequestTimestamp + "\n" + credentialScop
e + "\n" + hashedCanonicalRequest;
cout << stringToSign << endl;
cout << "-----------------------" << endl;

// ************* Step 3: Calculate the signature ***************
string kKey = "TC3" + SECRET_KEY;
string kDate = HmacSha256(kKey, date);
string kService = HmacSha256(kDate, service);
string kSigning = HmacSha256(kService, "tc3_request");
```

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```
string signature = HexEncode(HmacSha256(kSigning, stringToSign));
cout << signature << endl;
cout << "------------------------" << endl;

// ************* Step 4: Concatenate the Authorization *************
string authorization = algorithm + " " + "Credential=" + SECRET_ID + "/" + creden
tialScope + ", "
+ "SignedHeaders=" + signedHeaders + ", " + "Signature=" + signature;
cout << authorization << endl;
cout << "------------------------" << endl;

string headers = "curl -X POST https://" + host + "\n"
+ " -H \"Authorization: " + authorization + "\n"
+ " -H \"Content-Type: application/json; charset=utf-8\"" + "\n"
+ " -H \"Host: " + host + "\n"
+ " -H \"X-TC-Action: " + action + "\n"
+ " -H \"X-TC-Timestamp: " + RequestTimestamp + "\n"
+ " -H \"X-TC-Version: " + version + "\n"
+ " -H \"X-TC-Region: " + region + "\n"
+ " -d '" + payload;
cout << headers << endl;
return 0;
};
```

Signature Failure

The following situational error codes for signature failure may occur. Please resolve the errors accordingly.

Error Code	Description
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes.
AuthFailure.SecretIdNotFound	The key does not exist. Please go to the console to check whether it is disabled or you copied fewer or more characters.
AuthFailure.SignatureFailure	Signature error. It is possible that the signature was calculated incorrectly, the signature does not match the content actually sent, or the SecretKey is incorrect.
AuthFailure.TokenFailure	Temporary certificate token error.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).

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Signature

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Tencent Cloud API authenticates each access request, i.e. each request needs to include authentication information (Signature) in the common parameters to verify the identity of the requester.
The Signature is generated by the security credentials which include SecretId and SecretKey. If you don't have the security credentials yet, go to the TencentCloud API Key page to apply for them; otherwise, you cannot invoke the TencentCloud API.

1. Applying for Security Credentials

Before using the TencentCloud API for the first time, go to the TencentCloud API Key page to apply for security credentials.
Security credentials consist of SecretId and SecretKey:

- SecretId is used to identify the API requester.
- SecretKey is used to encrypt the signature string and verify it on the server.
- **You must keep your security credentials private and avoid disclosure.**

You can apply for the security credentials through the following steps:

1. Log in to the Tencent Cloud Console.
2. Go to the TencentCloud API Key page.
3. On the API Key Management page, click **Create Key** to create a SecretId/SecretKey pair.

Note: Each account can have up to two pairs of SecretId/SecretKey.

2. Generating a Signature

With the SecretId and SecretKey, a signature can be generated. The following describes how to generate a signature:

Assume that the SecretId and SecretKey are:

- SecretId: `AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******`
- SecretKey: `Gu5t9xGARNpq86cd98joQYCN3*******`

Note: This is just an example. For actual operations, please use your own SecretId and SecretKey.

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Take the Cloud Virtual Machine's request to view the instance list (DescribeInstances) as an example. When you invoke this API, the request parameters may be as follows:

Parameter name	Description	Parameter value
Action	Method name	DescribeInstances
SecretId	Key ID	`AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******`
Timestamp	Current timestamp	1465185768
Nonce	Random positive integer	11886
Region	Region where the instance is located	ap-guangzhou
InstanceIds.0	ID of the instance to query	ins-09dx96dg
Offset	Offset	0
Limit	Allowed maximum output	20
Version	API version number	2017-03-12

2.1. Sorting Parameters

First, sort all the request parameters in an ascending lexicographical order (ASCII code) by their names. Notes: (1) Parameters are sorted by their names instead of their values; (2) The parameters are sorted based on ASCII code, not in an alphabetical order or by values. For example, InstanceIds.2 should be arranged after InstanceIds.12. You can complete the sorting process using a sorting function in a programming language, such as the ksort function in PHP. The parameters in the example are sorted as follows:

```
{
'Action' : 'DescribeInstances',
'InstanceIds.0' : 'ins-09dx96dg',
'Limit' : 20,
'Nonce' : 11886,
'Offset' : 0,
'Region' : 'ap-guangzhou',
'SecretId' : 'AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******',
'Timestamp' : 1465185768,
'Version': '2017-03-12',
}
```

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When developing in another programming language, you can sort these sample parameters and it will work as long as you obtain the same results.

2.2. Concatenating a Request String

This step generates a request string.

Format the request parameters sorted in the previous step into the form of "parameter name"="parameter value". For example, for the Action parameter, its parameter name is "Action" and its parameter value is "DescribeInstances", so it will become Action=DescribeInstances after formatted.

Note: The "parameter value" is the original value but not the value after URL encoding.

Then, concatenate the formatted parameters with "&". The resulting request string is as follows:

```
Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0
&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******&Timestamp=1465
185768&Version=2017-03-12
```

2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

1. HTTP method: POST and GET modes are supported, and GET is used here for the request. Please note that the method name should be in all capital letters.
2. Request server: the domain name of the request to view the list of instances (DescribeInstances) is cvm.tencentcloudapi.com. The actual request domain name varies by the module to which the API belongs. For more information, see the instructions of the specific API.
3. Request path: The request path in the current version of TencentCloud API is fixed to /.
4. Request string: the request string generated in the previous step.

The concatenation rule of the signature original string is: Request method + request host + request path + ? + request string

The concatenation result of the example is:

```
GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&L
imit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WF
kmLPx3*******&Timestamp=1465185768&Version=2017-03-12
```

2.4. Generating a Signature String

This step generates a signature string.

First, use the HMAC-SHA1 algorithm to sign the **signature original string** obtained in the previous step, and then

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encode the generated signature using Base64 to obtain the final signature.

The specific code is as follows with the PHP language being used as an example:

```
$secretKey = 'Gu5t9xGARNpq86cd98joQYCN3*******';
$srcStr = 'GETcvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins
-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5
yKBZQpn74WFkmLPx3*******&Timestamp=1465185768&Version=2017-03-12';
$signStr = base64_encode(hash_hmac('sha1', $srcStr, $secretKey, true));
echo $signStr;
```

The final signature is:

```
zmmjn35mikh6pM3V7sUEuX4wyYM=
```

When developing in another programming language, you can sign and verify the original in the example above and it works as long as you get the same results.

3. Encoding a Signature String

The generated signature string cannot be directly used as a request parameter and must be URL encoded.

For example, if the signature string generated in the previous step is zmmjn35mikh6pM3V7sUEuX4wyYM=, the final signature string request parameter (Signature) is zmmjn35mikh6pM3V7sUEuX4wyYM%3D, which will be used to generate the final request URL.

Note: If your request method is GET, or the request method is POST and the Content-Type is application/x-www-form-urlencoded, then all the request parameter values need to be URL encoded (except the parameter key and the symbol of =) when sending the request. Non-ASCII characters need to be encoded with UTF-8 before URL encoding.

Note: The network libraries of some programming languages automatically URL encode all parameters, in which case there is no need to URL encode the signature string; otherwise, two rounds of URL encoding will cause the signature to fail.

Note: Other parameter values also need to be encoded using RFC 3986. Use %XY in percent-encoding for special characters such as Chinese characters, where "X" and "Y" are hexadecimal characters (0-9 and uppercase A-F), and using lowercase will cause an error.

4. Signature Failure

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The following situational error codes for signature failure may occur. Please resolve the errors accordingly.

Error code	Error description
AuthFailure.SignatureExpire	The signature is expired
AuthFailure.SecretIdNotFound	The key does not exist
AuthFailure.SignatureFailure	Signature error
AuthFailure.TokenFailure	Token error
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type)

5. Signature Demo

When calling API 3.0, you are recommended to use the corresponding Tencent Cloud SDK 3.0 which encapsulates the signature process, enabling you to focus on only the specific APIs provided by the product when developing. See SDK Center for more information. Currently, the following programming languages are supported:

- Python
- Java
- PHP
- Go
- NodeJS
- .NET

To further explain the signing process, we will use a programming language to implement the process described above. The request domain name, API and parameter values in the sample are used here. This goal of this example is only to provide additional clarification for the signature process, please see the SDK for actual usage.

The final output URL might be: `https://cvm.tencentcloudapi.com/?Action=DescribeInstances&InstanceIds.0=ins-09dx96dg&Limit=20&Nonce=11886&Offset=0&Region=ap-guangzhou&SecretId=AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******&Signature=zmmjn35mikh6pM3V7sUEuX4wyYM%3D&Timestamp=1465185768&Version=2017-03-12` .

Note: The key in the example is fictitious, and the timestamp is not the current time of the system, so if this URL is opened in the browser or called using commands such as curl, an authentication error will be returned: Signature expired. In order to get a URL that can work properly, you need to replace the SecretId and SecretKey in the example with your real credentials and use the current time of the system as the Timestamp.

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Note: In the example below, even if you use the same programming language, the order of the parameters in the URL may be different for each execution. However, the order does not matter, as long as all the parameters are included in the URL and the signature is calculated correctly.

Note: The following code is only applicable to API 3.0. It cannot be directly used in other signature processes. Even with an older API, signature calculation errors may occur due to the differences in details. Please refer to the corresponding documentation.

Java

```
import java.io.UnsupportedEncodingException;
import java.net.URLEncoder;
import java.util.Random;
import java.util.TreeMap;
import javax.crypto.Mac;
import javax.crypto.spec.SecretKeySpec;
import javax.xml.bind.DatatypeConverter;

public class TencentCloudAPIDemo {
private final static String CHARSET = "UTF-8";

public static String sign(String s, String key, String method) throws Exception {
Mac mac = Mac.getInstance(method);
SecretKeySpec secretKeySpec = new SecretKeySpec(key.getBytes(CHARSET), mac.getAlg
orithm());
mac.init(secretKeySpec);
byte[] hash = mac.doFinal(s.getBytes(CHARSET));
return DatatypeConverter.printBase64Binary(hash);
}

public static String getStringToSign(TreeMap<String, Object> params) {
StringBuilder s2s = new StringBuilder("GETcvm.tencentcloudapi.com/?");
// When signing, the parameters need to be sorted in lexicographical order. TreeM
ap is used here to guarantee the correct order.
for (String k : params.keySet()) {
s2s.append(k).append("=").append(params.get(k).toString()).append("&");
}
return s2s.toString().substring(0, s2s.length() - 1);
}

public static String getUrl(TreeMap<String, Object> params) throws UnsupportedEnc
odingException {
StringBuilder url = new StringBuilder("https://cvm.tencentcloudapi.com/?");
// There is no requirement for the order of the parameters in the actual request
URL.
for (String k : params.keySet()) {
```

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```
// The request string needs to be URL encoded. As the Key is all in English lette
rs, only the value is URL encoded here.
url.append(k).append("=").append(URLEncoder.encode(params.get(k).toString(), CHAR
SET)).append("&");
}
return url.toString().substring(0, url.length() - 1);
}

public static void main(String[] args) throws Exception {
TreeMap<String, Object> params = new TreeMap<String, Object>(); // TreeMap enable
s automatic sorting
// A random number should be used when actually calling, for example: params.put
("Nonce", new Random().nextInt(java.lang.Integer.MAX_VALUE));
params.put("Nonce", 11886); // Common parameter
// The current time of the system should be used when actually calling, for examp
le: params.put("Timestamp", System.currentTimeMillis() / 1000);
params.put("Timestamp", 1465185768); // Common parameter
params.put("SecretId", "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"); // Common paramet
er
params.put("Action", "DescribeInstances"); // Common parameter
params.put("Version", "2017-03-12"); // Common parameter
params.put("Region", "ap-guangzhou"); // Common parameter
params.put("Limit", 20); // Business parameter
params.put("Offset", 0); // Business parameter
params.put("InstanceIds.0", "ins-09dx96dg"); // Business parameter
params.put("Signature", sign(getStringToSign(params), "Gu5t9xGARNpq86cd98joQYCN3*
******", "HmacSHA1")); // Common parameter
System.out.println(getUrl(params));
}
}
```

Python

Note: If running in a Python 2 environment, the following requests dependency package must be installed first: `pip install requests`.

```
# -*- coding: utf8 -*-
import base64
import hashlib
import hmac
import time

import requests

secret_id = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*******"
```

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```
def get_string_to_sign(method, endpoint, params):
s = method + endpoint + "/?"
query_str = "&".join("%s=%s" % (k, params[k]) for k in sorted(params))
return s + query_str

def sign_str(key, s, method):
hmac_str = hmac.new(key.encode("utf8"), s.encode("utf8"), method).digest()
return base64.b64encode(hmac_str)

if __name__ == '__main__':
endpoint = "cvm.tencentcloudapi.com"
data = {
'Action' : 'DescribeInstances',
'InstanceIds.0' : 'ins-09dx96dg',
'Limit' : 20,
'Nonce' : 11886,
'Offset' : 0,
'Region' : 'ap-guangzhou',
'SecretId' : secret_id,
'Timestamp' : 1465185768, # int(time.time())
'Version': '2017-03-12'
}
s = get_string_to_sign("GET", endpoint, data)
data["Signature"] = sign_str(secret_key, s, hashlib.sha1)
print(data["Signature"])
# An actual invocation would occur here, which may incur fees after success
# resp = requests.get("https://" + endpoint, params=data)
# print(resp.url)
```

Golang

```
package main

import (
"bytes"
"crypto/hmac"
"crypto/sha1"
"encoding/base64"
"fmt"
"sort"
)

func main() {
secretId := "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secretKey := "Gu5t9xGARNpq86cd98joQYCN3*******"
```

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```
params := map[string]string{
"Nonce": "11886",
"Timestamp": "1465185768",
"Region": "ap-guangzhou",
"SecretId": secretId,
"Version": "2017-03-12",
"Action": "DescribeInstances",
"InstanceIds.0": "ins-09dx96dg",
"Limit": "20",
"Offset": "0",
}

var buf bytes.Buffer
buf.WriteString("GET")
buf.WriteString("cvm.tencentcloudapi.com")
buf.WriteString("/")
buf.WriteString("?")

// sort keys by ascii asc order
keys := make([]string, 0, len(params))
for k, _ := range params {
keys = append(keys, k)
}
sort.Strings(keys)

for i := range keys {
k := keys[i]
buf.WriteString(k)
buf.WriteString("=")
buf.WriteString(params[k])
buf.WriteString("&")
}
buf.Truncate(buf.Len() - 1)

hashed := hmac.New(sha1.New, []byte(secretKey))
hashed.Write(buf.Bytes())

fmt.Println(base64.StdEncoding.EncodeToString(hashed.Sum(nil)))
}
```

PHP

```
<?php
$secretId = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
$secretKey = "Gu5t9xGARNpq86cd98joQYCN3*******";
$param["Nonce"] = 11886;//rand();
```

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```
$param["Timestamp"] = 1465185768;//time();
$param["Region"] = "ap-guangzhou";
$param["SecretId"] = $secretId;
$param["Version"] = "2017-03-12";
$param["Action"] = "DescribeInstances";
$param["InstanceIds.0"] = "ins-09dx96dg";
$param["Limit"] = 20;
$param["Offset"] = 0;

ksort($param);

$signStr = "GETcvm.tencentcloudapi.com/?";
foreach ( $param as $key => $value ) {
$signStr = $signStr . $key . "=" . $value . "&";
}
$signStr = substr($signStr, 0, -1);

$signature = base64_encode(hash_hmac("sha1", $signStr, $secretKey, true));
echo $signature.PHP_EOL;
// need to install and enable curl extension in php.ini
// $param["Signature"] = $signature;
// $url = "https://cvm.tencentcloudapi.com/?".http_build_query($param);
// echo $url.PHP_EOL;
// $ch = curl_init();
// curl_setopt($ch, CURLOPT_URL, $url);
// $output = curl_exec($ch);
// curl_close($ch);
// echo json_decode($output);
```

Ruby

```
# -*- coding: UTF-8 -*-
# require ruby>=2.3.0
require 'time'
require 'openssl'
require 'base64'

secret_id = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
secret_key = "Gu5t9xGARNpq86cd98joQYCN3*******"

method = 'GET'
endpoint = 'cvm.tencentcloudapi.com'
data = {
'Action' => 'DescribeInstances',
'InstanceIds.0' => 'ins-09dx96dg',
'Limit' => 20,
```

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```
'Nonce' => 11886,
'Offset' => 0,
'Region' => 'ap-guangzhou',
'SecretId' => secret_id,
'Timestamp' => 1465185768, # Time.now.to_i
'Version' => '2017-03-12',
}
sign = method + endpoint + '/?'
params = []
data.sort.each do |item|
params << "#{item[0]}=#{item[1]}"
end
sign += params.join('&')
digest = OpenSSL::Digest.new('sha1')
data['Signature'] = Base64.encode64(OpenSSL::HMAC.digest(digest, secret_key, sig
n))
puts data['Signature']

# require 'net/http'
# uri = URI('https://' + endpoint)
# uri.query = URI.encode_www_form(data)
# p uri
# res = Net::HTTP.get_response(uri)
# puts res.body
```

DotNet

```
using System;
using System.Collections.Generic;
using System.Net;
using System.Security.Cryptography;
using System.Text;

public class Application {
public static string Sign(string signKey, string secret)
{
string signRet = string.Empty;
using (HMACSHA1 mac = new HMACSHA1(Encoding.UTF8.GetBytes(signKey)))
{
byte[] hash = mac.ComputeHash(Encoding.UTF8.GetBytes(secret));
signRet = Convert.ToBase64String(hash);
}
return signRet;
}
public static string MakeSignPlainText(SortedDictionary<string, string> requestPa
rams, string requestMethod, string requestHost, string requestPath)
```

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```
{
string retStr = "";
retStr += requestMethod;
retStr += requestHost;
retStr += requestPath;
retStr += "?";
string v = "";
foreach (string key in requestParams.Keys)
{
v += string.Format("{0}={1}&", key, requestParams[key]);
}
retStr += v.TrimEnd('&');
return retStr;
}

public static void Main(string[] args)
{
string SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******";
string SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******";

string endpoint = "cvm.tencentcloudapi.com";
string region = "ap-guangzhou";
string action = "DescribeInstances";
string version = "2017-03-12";
double RequestTimestamp = 1465185768;
// long timestamp = ToTimestamp() / 1000;
// string requestTimestamp = timestamp.ToString();
Dictionary<string, string> param = new Dictionary<string, string>();
param.Add("Limit", "20");
param.Add("Offset", "0");
param.Add("InstanceIds.0", "ins-09dx96dg");
param.Add("Action", action);
param.Add("Nonce", "11886");
// param.Add("Nonce", Math.Abs(new Random().Next()).ToString());

param.Add("Timestamp", RequestTimestamp.ToString());
param.Add("Version", version);

param.Add("SecretId", SECRET_ID);
param.Add("Region", region);
SortedDictionary<string, string> headers = new SortedDictionary<string, string>(p
aram, StringComparer.Ordinal);
string sigInParam = MakeSignPlainText(headers, "GET", endpoint, "/");
Console.WriteLine(sigInParam);
string sigOutParam = Sign(SECRET_KEY, sigInParam);
```

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```
Console.WriteLine("GET https://cvm.tencentcloudapi.com");
foreach (KeyValuePair<string, string> kv in headers)
{
Console.WriteLine(kv.Key + ": " + kv.Value);
}
Console.WriteLine("Signature" + ": " + WebUtility.UrlEncode(sigOutParam));
Console.WriteLine();

string result = "https://cvm.tencentcloudapi.com/?";
foreach (KeyValuePair<string, string> kv in headers)
{
result += WebUtility.UrlEncode(kv.Key) + "=" + WebUtility.UrlEncode(kv.Value) +
"&";
}
result += WebUtility.UrlEncode("Signature") + "=" + WebUtility.UrlEncode(sigOutPa
ram);
Console.WriteLine("GET " + result);
}
}
```

NodeJS

```
const crypto = require('crypto');

function get_req_url(params, endpoint){
params['Signature'] = escape(params['Signature']);
const url_strParam = sort_params(params)
return "https://" + endpoint + "/?" + url_strParam.slice(1);
}

function formatSignString(reqMethod, endpoint, path, strParam){
let strSign = reqMethod + endpoint + path + "?" + strParam.slice(1);
return strSign;
}
function sha1(secretKey, strsign){
let signMethodMap = {'HmacSHA1': "sha1"};
let hmac = crypto.createHmac(signMethodMap['HmacSHA1'], secretKey || "");
return hmac.update(Buffer.from(strsign, 'utf8')).digest('base64')
}

function sort_params(params){
let strParam = "";
let keys = Object.keys(params);
keys.sort();
for (let k in keys) {
//k = k.replace(/_/g, '.');
```

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```
strParam += ("&" + keys[k] + "=" + params[keys[k]]);
}
return strParam
}

function main(){
const SECRET_ID = "AKIDz8krbsJ5yKBZQpn74WFkmLPx3*******"
const SECRET_KEY = "Gu5t9xGARNpq86cd98joQYCN3*******"

const endpoint = "cvm.tencentcloudapi.com"
const Region = "ap-guangzhou"
const Version = "2017-03-12"
const Action = "DescribeInstances"
const Timestamp = 1465185768
// const Timestamp = Math.round(Date.now() / 1000)
const Nonce = 11886
//const nonce = Math.round(Math.random() * 65535)

let params = {};
params['Action'] = Action;
params['InstanceIds.0'] = 'ins-09dx96dg';
params['Limit'] = 20;
params['Offset'] = 0;
params['Nonce'] = Nonce;
params['Region'] = Region;
params['SecretId'] = SECRET_ID;
params['Timestamp'] = Timestamp;
params['Version'] = Version;

strParam = sort_params(params)

const reqMethod = "GET";
const path = "/";
strSign = formatSignString(reqMethod, endpoint, path, strParam)
console.log(strSign)
console.log("-----------------------")

params['Signature'] = sha1(SECRET_KEY, strSign)
console.log(params['Signature'])
console.log("-----------------------")

const req_url = get_req_url(params, endpoint)
console.log(params['Signature'])
console.log("-----------------------")
console.log(req_url)
}
main()
```

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Responses

Last updated：2024-04-09 10:25:19

Response for Successful Requests

For example, when calling CAM API (version: 2017-03-12) to view the status of instances (DescribeInstancesStatus), if the request has succeeded, you may see the response as shown below:

```
{
"Response": {
"TotalCount": 0,
"InstanceStatusSet": [],
"RequestId": "b5b41468-520d-4192-b42f-595cc34b6c1c"
}
}
```

- The API will return `Response`, which contains `RequestId`, as long as it processes the request. It does not matter if the request is successful or not.
- RequestId is the unique ID of an API request. Contact us with this ID when an exception occurs.
- Except for the fixed fields, all fields are action-specified. For the definitions of action-specified fields, see the corresponding API documentation. In this example, `TotalCount` and `InstanceStatusSet` are the fields specified by the API `DescribeInstancesStatus`. 0 `TotalCount` means that the requester owns 0 CVM instance so the `InstanceStatusSet` is empty.

Response for Failed Requests

If the request has failed, you may see the response as shown below:

```
{
"Response": {
"Error": {
"Code": "AuthFailure.SignatureFailure",
"Message": "The provided credentials could not be validated. Please ensure your s
ignature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

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- The presence of the `Error` field indicates that the request has failed. A response for a failed request will include `Error`, `Code` and `Message` fields.
- `Code` is the code of the error that helps you identify the cause and solution. There are two types of error codes so you may find the code in either common error codes or API-specified error codes.
- Message explains the cause of the error. Note that the returned messages are subject to service updates. The information the messages provide may not be up-to-date and should not be the only source of reference.
- RequestId is the unique ID of an API request. Contact us with this ID when an exception occurs.

Common Error Codes

If there is an Error field in the response, it means that the API call failed. The Code field in Error indicates the error code. The following table lists the common error codes that all actions can return.

Error Code	Description
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	The key does not exist.
AuthFailure.SignatureExpire	Signature expired.
AuthFailure.SignatureFailure	Signature error.
AuthFailure.TokenFailure	Token error.
AuthFailure.UnauthorizedOperation	The request does not have CAM authorization.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidAction	The API does not exist.
InvalidParameter	Incorrect parameter.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	Quota limit exceeded.
MissingParameter	A parameter is missing.

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NoSuchVersion	The API version does not exist.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
ResourceInUse	Resource is in use.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource does not exist.
ResourceUnavailable	Resource is unavailable.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.
UnsupportedProtocol	HTTPS request method error. Only GET and POST requests are supported.
UnsupportedRegion	API does not support the requested region.

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Site APIs
CreateZone

Last updated：2024-04-09 10:25:36

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a site. After you create the site, you can connect it to EdgeOne via the CNAME or NS (see Quick Start), or connect it without a domain name (see Quick Access to L4 Proxy Service).

If there are already EdgeOne plans under the current account, it is recommended to pass in the `PlanId` to bind the site with the plan directly. If `PlanId` is not passed in, the created site is not activated. You need to call BindZoneToPlan to bind the site with a plan. To purchase a plan, please go to the EdgeOne console.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Type	No	String	Site access types. Options include: • `partial` : (Default) Access through a CNAME record • `full` : Access through a name server • `noDomainAccess` : Access without using a domain name

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ZoneName	No	String	Site name. For sites connected via CNAME/NS, pass in the secondary domain name (example.com). Leave it blank if the site is connected without a domain name.
Area	No	String	The acceleration area of the L7 domain name when `Type` is `partial` or `full`. When Type is `noDomainAccess`, please leave it blank. • `global`: Global AZs • `mainland`: AZs in the Chinese mainland • `overseas`: (Default) AZs outside the Chinese mainland
PlanId	No	String	ID of the plan to which you want to bind the site. If you don't have an EdgeOne plan, purchase one in the EdgeOne console.
AliasZoneName	No	String	The site alias. It allows up to 20 characters, including [0-9], [a-z], [A-Z] and [-_]. For details, see Glossary. If you don't want to use it, just leave it blank.
Tags.N	No	Array of Tag	Tags of the site. To create tags, go to the Tag Console.

3. Output Parameters

Parameter Name	Type	Description
ZoneId	String	Site ID.
OwnershipVerification	OwnershipVerification	Site ownership verification information. After the site is created, you need to complete the ownership verification before the site can serve normally. If `Type=partial`, add TXT records to your DNS provider or add files to the root DNS server, and then call VerifyOwnership to complete verification. For more information, see Ownership Verification. If `Type = full`, switch the DNS server as instructed by Modifying DNS Server. Then call VerifyOwnership to check the result. If `Type = noDomainAccess`, leave it blank. No action is required.

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		Note: This field may return·null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a site with the NS access mode

u200cConnect the site `example.com` to EdgeOne via the NS. Set the service area to Chinese mainland, and bind it with the plan `edgeone-37q0w6qali10` . The information of DNS provider is returned. You need to go to the domain name registrar to modify the configuration. For more information, see Modifying DNS Server.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateZone
<Common request parameters>

{
"Type": "full",
"ZoneName": "example.com",
"Area": "mainland",
"PlanId": "edgeone-37q0w6qali10"
}
```

Output Example

```
{
"Response": {
"ZoneId": "zone-27q0p0bali16",
"OwnershipVerification": {
"DnsVerification": null,
"FileVerification": null,
"NsVerification": {
"NameServers": [
"ns1.teodns.com",
"ns2.teodns.com"
```

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```
]
}
},
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example2 Creating a site without specifying the domain name

Create a site without specifying the domain name, and bind it with the plan `edgeone-37q0w6qali10` . The site ID is returned. For information, see Quick access to L4 proxy service.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateZone
<Common request parameters>

{
"Type": "noDomainAccess",
"PlanId": "edgeone-37q0w6qali10"
}
```

Output Example

```
{
"Response": {
"ZoneId": "zone-27q0p0bali16",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example3 Creating a site with the CNAME access mode

Connect the site `example.com` to EdgeOne via the CNAME. Set the service area to Global, and bind it with the plan `edgeone-37q0w6qali10` . This API returns the site ID and site ownership verification information. To verify your ownership of a site, see Ownership Verification.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
```

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```
Content-Type: application/json
X-TC-Action: CreateZone
<Common request parameters>

{
"Type": "partial",
"ZoneName": "example.com",
"Area": "global",
"PlanId": "edgeone-37q0w6qali10"
}
```

Output Example

```
{
"Response": {
"ZoneId": "zone-27q0p0bali16",
"OwnershipVerification": {
"DnsVerification": {
"Subdomain": "edgeonereclaim",
"RecordType": "TXT",
"RecordValue": "reclaim-a24aba2420cf4ce8b7bff7c8be6d337f"
},
"FileVerification": {
"Path": "/.well-known/teo-verification/vd4ewuqa9n.txt",
"Content": "88v24mnnljwbhaohrpfx80f63duhdnjx"
},
"NsVerification": null
},
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
DryRunOperation	DryRun operation, which means the DryRun parameter is passed in yet the request will still be successful.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
InvalidParameter.PlanNotFound	The plan doesn't exist.
InvalidParameter.ZoneHasBeenBound	The site is already bound.
InvalidParameterValue	Invalid parameter value.
InvalidParameterValue.AccessBlacklist	The domain name for this zone has been banned.
InvalidParameterValue.InvalidTagValue	The tag value contains invalid characters.
InvalidParameterValue.TopLevelDomainNotSupport	The current domain suffix is not supported for access. Please contact us if you need to use it.
InvalidParameterValue.ZoneNameInvalid	The zone name format is incorrect. Please input a correctly formed domain name.
InvalidParameterValue.ZoneNameNotSupportPunyCode	Punycode access is not supported at present.
InvalidParameterValue.ZoneNameNotSupportSubDomain	The zone does not support subdomain access. Please use second-level domains for zone access.
InvalidParameterValue.ZoneSameAsName	The site alias already exists.

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LimitExceeded.ZoneBindPlan	Reached the upper limit of sites of the plan
OperationDenied	Operation denied.
OperationDenied.DomainIsBlocked	Unable to use the domain name when it's blocked.
OperationDenied.RecordIsForbidden	The DNS record cannot be added.
ResourceInUse	The resource is occupied.
ResourceInUse.AliasDomain	Resources occupied by the alias domain names under this account.
ResourceInUse.Cname	Resources occupied by this account via CNAME.
ResourceInUse.Dns	DNS resources occupied.
ResourceInUse.GenericHost	Resources occupied by the wildcard domain name.
ResourceInUse.Host	Resources occupied by the subdomain names under this account.
ResourceInUse.NS	Resources occupied by this account via NS.
ResourceInUse.Others	The resource has been connected to EdgeOne by another user.
ResourceInUse.OthersAliasDomain	Resources occupied by the alias domain names under other accounts.
ResourceInUse.OthersCname	Resources occupied by other accounts via CNAME.
ResourceInUse.OthersHost	Resources occupied by the subdomain names under other accounts.
ResourceInUse.OthersNS	Resources occupied by other accounts via NS.
ResourceInUse.SelfAndOthersCname	Resources occupied by this account and others via CNAME.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeIdentifications

Last updated：2024-04-09 10:25:34

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the verification information of a site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeIdentifications.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Filters.N	Yes	Array of Filter	Filter conditions. The maximum value for Filters.Values is 20. The detailed conditions are as follows: • zone-name: Filter by site name.
Offset	No	Integer	The page offset. Default value: 0
Limit	No	Integer	The paginated query limit. Default value: 20. Maximum value: 1000.

3. Output Parameters

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Parameter Name	Type	Description
TotalCount	Integer	Number of eligible sites.
Identifications	Array of Identification	The site verification information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the verification status of a site

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeIdentifications
<Common request parameters>

{
"Limit": 20,
"Filters": [
{
"Values": [
"example.com"
],
"Name": "zone-name"
}
],
"Offset": 0
}
```

Output Example

```
{
"Response": {
"Identifications": [
{
"ZoneName": "example.com",
```

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```
"Status": "pending",
"Ascription": {
"Subdomain": "edgeonereclaim",
"RecordType": "TXT",
"RecordValue": "reclaim-a24aba2420cf4ce8b7bff7c8be6d337f"
},
"OriginalNameServers": [
"ns1.example.com",
"ns2.example.com"
],
"FileAscription": {
"IdentifyContent": "88v24mnnljwbhaohrpfx80f63duhdnjx",
"IdentifyPath": "/.well-known/teo-verification/vd4ewuqa9n.txt"
}
}
],
"TotalCount": 1,
"RequestId": "8gs50b24-7df5-47f4-96ae-95825d53er3c"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied.DomainInShareCnameGroup	Switch failed: There are domain names in the shared CNAME group.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.

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ModifyZone

Last updated：2024-04-09 10:25:32

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify a site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Type	No	String	Access mode of the site. Values: • `full` : Access through a name server. • `partial` : Access through a CNAME record. A site using domainless access can only switch to CNAME access. The original configuration applies if this field is not specified.
VanityNameServers	No	VanityNameServers	The custom name servers. The original

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			configuration applies if this field is not specified. It is not allowed to pass this field when a site is connected without using a domain name.
AliasZoneName	No	String	The site alias. It can be up to 20 characters consisting of digits, letters, hyphens (-) and underscores (_).
Area	No	String	The region where the site requests access. Values: • `global` : Global coverage • `mainland` : Chinese mainland • `overseas` : Outside the Chinese mainland It is not allowed to pass this field when a site is connected without using a domain name.
ZoneName	No	String	Name of the site. This field takes effect only when the site switches from domainless access to CNAME access.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a site

This example shows you how to modify a site.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZone
<Common request parameters>
```

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```
{
"VanityNameServers": {
"Switch": "on",
"Servers": [
"ns1.example.com",
"ns2.example.com"
]
},
"Type": "full",
"ZoneId": "zone-27q0p0bali16",
"AliasZoneName": "zone-example"
}
```

Output Example

```
{
"Response": {
"RequestId": "4ac50b24-7dc2-47f4-92ce-9fd25d53gt2f"
}
}
```

5. Developer Resources

SDK

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
DryRunOperation	DryRun operation, which means the DryRun parameter is passed in yet the request will still be successful.
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.LengthExceedsLimit	Maximum parameter length exceeded.
InvalidParameter.ZoneNameIsRequired	To switch a site from connecting without a domain name to connecting via the CNAME, the site name is required.
InvalidParameterValue	Invalid parameter value.
InvalidParameterValue.ZoneSameAsName	The site alias already exists.
OperationDenied	Operation denied.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.DomainInShareCnameGroup	Switch failed: There are domain names in the shared CNAME group.
OperationDenied.DomainNumberIsNotZero	Unable to modify the service area: There are domain names under the site.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try

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	again.
OperationDenied.MultipleCnameZone	Unable to switch to NS for multiple sites using CNAME.
OperationDenied.NSNotAllowTrafficStrategy	Domain traffic scheduling is not supported in NS access mode.
OperationDenied.NoDomainAccessZoneOnlyAllowModifiedToCNAME	You can only switch a site connected without a domain name to connecting via the CNAME
OperationDenied.NoDomainAccessZoneOnlySupportModifyType	You can only switch a site connected without a domain name to connecting via the CNAME. Other operations are not allowed.
OperationDenied.PlanNotSupportModifyZoneArea	The specified plan does not support changing the service area of the site.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
ResourceInUse.Cname	Resources occupied by this account via CNAME.
ResourceInUse.Dns	DNS resources occupied.
ResourceInUse.GenericHost	Resources occupied by the wildcard domain name.
ResourceInUse.NS	Resources occupied by this account via NS.
ResourceInUse.Others	The resource has been connected to EdgeOne by another user.
ResourceInUse.OthersAliasDomain	Resources occupied by the alias domain names under other accounts.
ResourceInUse.OthersCname	Resources occupied by other accounts via CNAME.
ResourceInUse.OthersNS	Resources occupied by other accounts via NS.
ResourceInUse.SelfAndOthersCname	Resources occupied by this account

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	and others via CNAME.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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DeleteZone

Last updated：2024-04-09 10:25:35

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete a site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

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4. Example

Example1 Deleting a site

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteZone
<Common request parameters>

{
"ZoneId": "zone-27q0p0bali16"
}
```

Output Example

```
{
"Response": {
"RequestId": "2ac50bka-7dc5-4fq4-96ce-89825d53jkl1"
}
}
```

5. Developer Resources

SDK

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
OperationDenied	Operation denied.
OperationDenied.DeleteZonePreCheckFailed	The pre-check failed during site deletion.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ZoneIsBindingSharedCNAME	The shared CNAME has been bound to another site. Please unbind first.
OperationDenied.ZoneIsReferenceCustomErrorPage	Error found in the associated custom error page. Please unbind it first.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyZoneStatus

Last updated：2024-04-09 10:25:32

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to change the site status.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyZoneStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Paused	Yes	Boolean	The site status. Values: • `false` : Disabled • `true` : Enabled

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Changes the site status

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneStatus
<Common request parameters>

{
"Paused": true,
"ZoneId": "zone-27q0p0bali16"
}
```

Output Example

```
{
"Response": {
"RequestId": "7sd20b24-7dc5-98f4-96ce-95825dcd34sa"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.L4ProxyInProgressStatus	The EdgeOne service cannot be disabled for the site: A L4 proxy instance is being deployed.
OperationDenied.L4ProxyInStoppingStatus	Unable to disable the site: There are L4 proxy instances disabled.
OperationDenied.L7HostInProcessStatus	The EdgeOne service cannot be disabled for the site: An accelerated domain name is being deployed.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.

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UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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CheckCnameStatus

Last updated：2024-04-09 10:25:36

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the CNAME status of a domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CheckCnameStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
RecordNames.N	Yes	Array of String	List of accelerated domain names.

3. Output Parameters

Parameter	Type	Description

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Name		
CnameStatus	Array of CnameStatus	CNAME status of accelerated domain names.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the CNAME status of a domain name

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CheckCnameStatus
<Common request parameters>

{
"RecordNames": [
"example.qq.com"
],
"ZoneId": "zone-20hyebgyfsko"
}
```

Output Example

```
{
"Response": {
"CnameStatus": [
{
"RecordName": "test.qq.com",
"Cname": "test.qq.com.acc.tyxcdn.com",
"Status": "active"
}
],
"RequestId": "d08bed0d-15bf-4d65-ab56-906aee0c845"
}
}
```

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5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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IdentifyZone

Last updated：2024-04-09 10:25:33

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to verify ownership of the site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: IdentifyZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneName	Yes	String	The site name.
Domain	No	String	A subdomain name under the site. Specify this field if you want to verify the ownership of a subdomain name. Otherwise you can leave it blank.

3. Output Parameters

Parameter Name	Type	Description

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Ascription	AscriptionInfo	Details of the DNS record.
FileAscription	FileAscriptionInfo	Details of the verification file.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Verifying site ownership

The following example shows how to verify your ownership of the site.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: IdentifyZone
<Common request parameters>

{
"ZoneName": "example.com"
}
```

Output Example

```
{
"Response": {
"Ascription": {
"Subdomain": "edgeonereclaim",
"RecordType": "TXT",
"RecordValue": "reclaim-a24aba2420cf4ce8b7bff7c8be6d337f"
},
"FileAscription": {
"IdentifyPath": "/.well-known/teo-verification/vd4ewuqa9n.txt",
"IdentifyContent": "88v24mnnljwbhaohrpfx80f63duhdnjx"
},
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

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5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeZones

Last updated：2024-04-09 10:25:34

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the information of sites that you have access to. You can filter sites based on different query criteria.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeZones.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Offset	No	Integer	The page offset. Default value: 0
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 100.
Filters.N	No	Array of AdvancedFilter	Filter conditions. Up to 20 values for each filter. If this parameter is not filled in, the information of all sites under the current account is returned. Detailed filtering conditions are as follows: • `zone-name` : Site name • `zone-id` : Site ID, such as zone-2noz78a8ev6k

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			• `status` : Site status • `tag-key` : Tag key • `tag-value` : Tag value Only `zone-name` supports fuzzy query.
Order	No	String	Sort the returned results according to this field. Values include: • `type` : Connection mode • `area` : Acceleration region • `create-time` : Creation time • `zone-name` : Site name • `use-time` : Last used time • `active-status` Effective status Default value: `create-time`
Direction	No	String	Sort direction. If the field value is a number, sort by the numeric value. If the field value is text, sort by the ascill code. Values include: • `asc` : From the smallest to largest • `desc` : From the largest to smallest. Default value: `desc`

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of eligible sites.
Zones	Array of Zone	Details of sites.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of user sites

Query information of the site "example.com".

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Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeZones
<Common request parameters>

{
"Filters": [
{
"Name": "zone-name",
"Values": [
"example.com"
],
"Fuzzy": false
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"Zones": [
{
"ZoneId": "zone-2noz3g48ev6k",
"ZoneName": "example.com",
"ActiveStatus": "inactive",
"AliasZoneName": "",
"Area": "global",
"CnameSpeedUp": "enabled",
"CnameStatus": "pending",
"CreatedOn": "2023-09-18T07:41:05Z",
"IsFake": 0,
"LockStatus": "enable",
"ModifiedOn": "2023-09-18T07:41:50Z",
"NameServers": [
"ns1.teodns.com.",
"ns2.teodns.com."
],
"OriginalNameServers": [
"ns1.example.com.",
"ns2.example.com."
],
```

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```
"Paused": false,
"Resources": [
{
"Area": "global",
"AutoRenewFlag": 0,
"CreateTime": "2023-09-18T07:41:18Z",
"EnableTime": "2023-09-18T07:41:18Z",
"ExpireTime": "2099-12-31T15:59:59Z",
"Group": "plan",
"Id": "edgeone-2noz3qqkvqth",
"PayMode": 0,
"PlanId": "edgeone-2noz3qqkvqth",
"Status": "normal",
"Sv": [
{
"Key": "sv_edgeone_plan_sec_ent_flatfee_cm",
"Value": "1",
"InstanceId": "",
"Pack": "",
"ProtectionSpecs": ""
}
]
},
{
"Area": "global",
"AutoRenewFlag": 0,
"CreateTime": "2023-09-18T07:41:18Z",
"EnableTime": "2023-09-18T07:41:18Z",
"ExpireTime": "2099-12-31T15:59:59Z",
"Group": "pay-as-you-go",
"Id": "edgeone-2noz3t4be7xw",
"PayMode": 0,
"PlanId": "edgeone-2noz3qqkvqth",
"Status": "normal",
"Sv": [
{
"Key": "sv_edgeone_sec_request_queries_month",
"Value": "1",
"InstanceId": "",
"Pack": "",
"ProtectionSpecs": ""
},
{
"Key": "sv_edgeone_va_unit_month",
"Value": "1",
"InstanceId": "",
"Pack": "",
```


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```
"ProtectionSpecs": ""
}
]
}
],
"Status": "pending",
"Tags": [],
"Type": "full",
"VanityNameServers": null,
"VanityNameServersIps": []
}
],
"RequestId": "641a08e3-2ef7-407c-9c2f-2a9928741df5"
}
}
```


5. Developer Resources

SDK

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

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InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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VerifyOwnership

Last updated：2024-04-09 10:25:31

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to verify your ownership of a site or domain name. It's required in the CNAME access mode. After a site is verified, you don't need to verify the ownership again for domain names added to it in the future. For details, see Ownership Verification.

For sites connected via the NS, you can query whether the NS is successfully switched through this API. For details, see Modifying DNS Servers.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: VerifyOwnership.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
Domain	Yes	String	Site or acceleration domain name

3. Output Parameters

Parameter	Type	Description

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Name		
Status	String	Result of ownership verification • `success` : Verification passed • `fail` : Verification failed
Result	String	When the ownership verification result is `fail` , this field returns the reason of failure.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Verifying domain ownership (CNAME access)

Verify the ownership of the domain name test.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: VerifyOwnership
<Common request parameters>

{
"Domain": "test.example.com"
}
```

Output Example

```
{
"Response": {
"Status": "success",
"Result": "",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example2 Verifying the site ownership (for sites connected with CNAME)

Verify ownership of site example.com (Site ID: zone-xxxxx).

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Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: VerifyOwnership
<Common request parameters>

{
"Domain": "example.com"
}
```

Output Example

```
{
"Response": {
"Status": "fail",
"Result": "Resolve XX and get the xx content xx.\nTried to access http://xxx/.. .
Failed to connect to the resolution xx .",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

Example3 Verifying whether the DNS server is switched (for sites connected with NS)

This example shows you how to verify whether the DNS of example.com is switched successfully.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: VerifyOwnership
<Common request parameters>

{
"Domain": "example.com"
}
```

Output Example

```
{
"Response": {
"Status": "fail",
```

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```
"Result": "The DNS server of the current domain is xxx. It does not match the exp
ected server xxx .",
"RequestId": "9kl50bew-89ga-44f4-91ce-78125d53vd2a"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
ResourceNotFound	The resource doesn't exist.

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Acceleration Domain Management APIs
CreateAccelerationDomain

Last updated：2024-04-09 10:26:27

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create an acceleration domain name.

For sites connected via the CNAME, if you have not verified the ownership of the domain name, the ownership verification information of the domain name is returned. To verify your ownership of the domain name, see Ownership Verification.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateAccelerationDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the acceleration domain name.
DomainName	Yes	String	Acceleration domain name
OriginInfo	Yes	OriginInfo	Details of the origin.

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OriginProtocol	No	String	Origin-pull protocol configuration. Values: • `FOLLOW` : Follow the protocol of origin • `HTTP` : Send requests to the origin over HTTP • `HTTPS` : Send requests to the origin over HTTPS • Default: `FOLLOW`
HttpOriginPort	No	Integer	Ports for HTTP origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTP` . Port 80 is used if it's not specified.
HttpsOriginPort	No	Integer	Ports for HTTPS origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTPS` . Port 443 is used if it's not specified.
IPv6Status	No	String	IPv6 status. Values: • `follow` : Follow the IPv6 configuration of the site • `on` : Enable • `off` : Disable • Default: `follow`

3. Output Parameters

Parameter Name	Type	Description
OwnershipVerification	OwnershipVerification	Use the information returned by this parameter to verify the ownership of a domain name. For details, see Ownership Verification. Note: This field may return·null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an acceleration domain name for a domain-name origin server

This example shows you how to create an acceleration domain name for a domain-name origin server.

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Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateAccelerationDomain
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"DomainName": "qq.com",
"OriginInfo": {
"OriginType": "ip_domain",
"Origin": "www.test.com"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example2 Creating an acceleration domain name for an AWS S3 origin server

This example shows you how to create an acceleration domain name for an AWS S3 origin server, with private network access enabled and authentication algorithm set to AWS Signature Version 2.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateAccelerationDomain
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"DomainName": "qq.com",
"OriginInfo": {
"OriginType": "AWS_S3",
"Origin": "test.s3.ap-east-1.amazonaws.com",
"PrivateAccess": "on",
```

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```
"PrivateParameters": [
{
"Name": "AccessKeyId",
"Value": "AKIDdDva7VjFk7LQJ0X5WnbKE7mQTest"
},
{
"Name": "SecretAccessKey",
"Value": "nMirpdWhhT6bxPsaFwYM1SzQrTest"
},
{
"Name": "SignatureVersion",
"Value": "v2"
},
{
"Name": "Region",
"Value": "ap-east-1"
}
]
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InvalidParameter.ConflictHostOrigin	The origin cannot be the same as the domain name.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.InvalidAccelerateType	Parameter error.
InvalidParameter.InvalidAwsPrivateAccess	Invalid third-party object storage.
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidClientIpOrigin	Invalid origin for region-specific origin-pull.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidPrivateAccessParams	AccessKeyId and SecretAccessKey are required to access the third-party object storage.
InvalidParameter.InvalidPrivateAccessSwitch	The value of `PrivateAccess` should be `on` or `off`.
InvalidParameter.InvalidQuicBilling	The plan does not support QUIC.
InvalidParameter.InvalidServerName	Invalid origin domain.

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InvalidParameter.InvalidStandardDebugClientIp	Invalid client IP or CIDR block.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.SpaceNotBindOrigin	Shield Space is not bound with an origin.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameterValue.ConflictRecord	It conflicts with existing records.
InvalidParameterValue.ConflictWithDNSSEC	DNS records conflict with DNSSEC.
InvalidParameterValue.ConflictWithNSRecord	This DNS record conflicts with NS records.
InvalidParameterValue.ContentSameAsName	The host record cannot be the same as the record value.
InvalidParameterValue.DomainNotMatchZone	The specified domain name does not match the site.
InvalidParameterValue.InvalidDNSContent	Incorrect DNS record.
InvalidParameterValue.InvalidDNSName	Incorrect DNS record name.
InvalidParameterValue.InvalidDomainName	Invalid accelerated domain name. It can contain [0-9], [A-Z], [a-z] and [-]. It cannot start or end with "-".
InvalidParameterValue.InvalidProxyOrigin	Incorrect DNS proxy
InvalidParameterValue.OriginGroupNotExists	The specified origin group does not exist.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.

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OperationDenied.InvalidAdvancedDefenseZoneArea	The acceleration regions of the site must be in the Chinese mainland when you enable the DDoS Protection.
OperationDenied.LoadBalanceStatusNotInOnline	The affiliated Cloud Load Balancer is not in a running state. Operation is forbidden.
OperationDenied.RecordIsForbidden	The DNS record cannot be added.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceInUse.DnsRecord	The domain name is being resolved. If you need to enable acceleration, please go to DNS Records.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable.DomainAlreadyExists	The domain name is already connected to EdgeOne by another account. Please retrieve it first in order to add it.
ResourcesSoldOut.L7LackOfResources	
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeAccelerationDomains

Last updated：2024-06-05 14:40:59

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query domain name information of a site, including the acceleration domain name, origin, and domain name status. You can query the information of all domain names, or specific domain names by specifying filters information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAccelerationDomains.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the acceleration domain name.
Offset	No	Integer	Offset for paginated queries. Default value: 0.
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 200.
Filters.N	No	Array of AdvancedFilter	Filter conditions. The maximum value of Filters.Values is 20. If it is not specified, all domains related with the specific zone-id are

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			returned. • domain-name: Filtering based on the acceleration domain name • origin-type: Filtering based on the type of the origin server • origin: Filtering based on the primary origin server address • backup-origin: Filtering based on the secondary origin server address • domain-cname: Filtering based on the CNAME • share-cname: Filtering based on the shared CNAME • vodeo-sub-app-id: Filtering based on [vodeo sub-application ID] • vodeo-distribution-range: Filtering based on [vodeo distribution range] • vodeo-bucket-id: Filtering based on [vodeo storage bucket ID];
Order	No	String	Sort the returned results according to this field. Values include: • `created_on` : Creation time of the acceleration domain name • `domain-name` : (Default) Acceleration domain name.
Direction	No	String	Sort direction. If the field value is number, sort by the numeric value. If the field value is text, sort by the ascill code. Values include: • `asc` : Ascending order. • `desc` : Descending order. Default value: `asc` .
Match	No	String	The match mode. Values: • `all` : Return all matches. • `any` : Return any match. Default value: `all` .

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total of matched alias domain names.
AccelerationDomains	Array of AccelerationDomain	Information of all matched acceleration domain names
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the

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		server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying information of domain names under a specified site

This example shows you how to query the information of all acceleration domain names with the origin server type of IP_DOMAIN under the specified zone-id, and sort the results in descending order by creation time.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAccelerationDomains
<Common request parameters>

{
"ZoneId": "zone-20hyebgyfsko",
"Filters": [
{
"Fuzzy": true,
"Values": [
"IP_DOMAIN"
],
"Name": "origin-type"
}
],
"Direction": "desc",
"Order": "created_on",
"Match": "all"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"AccelerationDomains": [
{
"ZoneId": "zone-20hyebgyfsko",
"DomainName": "www.qq.com",
"DomainStatus": "online",
```

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```
"OriginDetail": {
"OriginType": "IP_DOMAIN",
"Origin": "origin.qq.com",
"BackupOrigin": "",
"PrivateParameters": [],
"PrivateAccess": "",
"OriginGroupName": "",
"BackOriginGroupName": ""
},
"IdentificationStatus": "finished",
"Cname": "www.qq.com.eo.dnse3.com",
"CreatedOn": "2020-09-22T00:00:00+00:00",
"ModifiedOn": "2020-09-22T00:00:00+00:00"
}
],
"RequestId": "5e5a0d0f-52f3-4bad-9bd3-dcf1d5c954e7"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.DomainOnTrafficScheduling	Traffic scheduling is already enabled for the current domain name.
InvalidParameter.TooManyFilterValues	Too many filter values.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyAccelerationDomain

Last updated：2024-04-09 10:26:23

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify an accelerated domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAccelerationDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the accelerated domain name.
DomainName	Yes	String	Accelerated domain name
OriginInfo	No	OriginInfo	Details of the origin.
OriginProtocol	No	String	Origin-pull protocol configuration. Values: • `FOLLOW` : Follow the protocol of origin • `HTTP` : Send requests to the origin over HTTP • `HTTPS` : Send requests to the origin over HTTPS • The original configuration applies if this field is not specified.

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HttpOriginPort	No	Integer	Ports for HTTP origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTP` . The original configuration is used if it's not specified.
HttpsOriginPort	No	Integer	Ports for HTTPS origin-pull requests. Range: 1-65535. It takes effect when `OriginProtocol=FOLLOW/HTTPS` . The original configuration is used if it's not specified.
IPv6Status	No	String	IPv6 status. Values: • `follow` : Follow the IPv6 configuration of the site • `on` : Enable • `off` : Disable • The original configuration applies if this field is not specified.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an accelerated domain name

POST / HTTP/1.1

Host: teo.tencentcloudapi.com

Content-Type: application/json

X-TC-Action: ModifyAccelerationDomains

{
"DomainName":"qq.com",
"ZoneId":"zone-225qgrnvbi9w",
"OriginInfo":{
"OriginType":"ip_domain",
"Origin":"qq.com"
}
}

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Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAccelerationDomain
<Common request parameters>

{
"DomainName": "example.com",
"ZoneId": "zone-225qgrnvbi9w",
"OriginInfo": {
"OriginType": "ip_domain",
"Origin": "qq.com",
"BackupOrigin": ""
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.SystemError	Internal system error.
InvalidParameter.ConflictHostOrigin	The origin cannot be the same as the domain name.
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidAwsSecretKey	Invalid third-party object storage.
InvalidParameter.InvalidClientIpOrigin	Invalid origin for region-specific origin-pull.
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidPrivateAccessParams	AccessKeyId and SecretAccessKey are required to access the third-party object storage.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidStandardDebugClientIp	Invalid client IP or CIDR block.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.OriginIsInnerIp	The origin address cannot be a private IP address.
InvalidParameter.SpaceNotBindOrigin	Shield Space is not bound with an origin.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameterValue.ConflictRecord	It conflicts with existing records.

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InvalidParameterValue.DomainNotMatchZone	The specified domain name does not match the site.
InvalidParameterValue.InvalidDomainStatus	Invalid domain name. Please check the status.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceInUse.DnsRecord	The domain name is being resolved. If you need to enable acceleration, please go to DNS Records.
ResourceUnavailable.DomainNotFound	The requested accelerated domain name doesn’t exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyAccelerationDomainStatuses

Last updated：2024-04-09 10:26:22

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to batch modify the status of accelerated domains.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAccelerationDomainStatuses.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the accelerated domain name.
DomainNames.N	Yes	Array of String	List of accelerated domain names to be modified.
Status	Yes	String	Status of the accelerated domain name. Values: • `online` : Enabled • `offline` : Disabled
Force	No	Boolean	Whether to force suspension when the domain name has associated resources (such as alias domain names and traffic scheduling policies). Values:

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			• `true` : Suspend the domain name and all associated resources. • `true` : Do not suspend the domain name and all associated resources. Default value: `false` .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch modifying the status of accelerated domains

The following example shows how to disable a specified acceleration domain name.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAccelerationDomainStatuses
<Common request parameters>
{
"DomainNames": [
"example.com"
],
"ZoneId": "zone-225qgrnvbi9w",
"Status": "offline",
"Force": "false"
}
```

Output Example

```
{
"Response": {
```

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```
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.SystemError	Internal system error.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.InvalidErrorPage	Invalid custom error page.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.

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InvalidParameterValue.DomainNotMatchZone	The specified domain name does not match the site.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
ResourceInUse	The resource is occupied.
ResourceUnavailable.DomainNotFound	The requested accelerated domain name doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteAccelerationDomains

Last updated：2024-04-09 10:26:26

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to batch remove accelerated domain names.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteAccelerationDomains.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the accelerated domain name.
DomainNames.N	Yes	Array of String	List of accelerated domain names to be deleted.
Force	No	Boolean	Whether to forcibly delete a domain name if it is associated with resources (such as alias domain names and traffic scheduling policies). • `true` : Delete the domain name and all associated resources. • `false` : Do not delete the domain name and all associated resources.

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			If it's not specified, the default value `false` is used.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch removing accelerated domains

The following example shows you how to remove domain names under a specified site.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteAccelerationDomains
<Common request parameters>

{
"DomainNames": [
"qq.com"
],
"ZoneId": "zone-225qgrnvbi9w"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameter.ZoneNotFound	The site does not exist.
InvalidParameterValue.InvalidDomainStatus	Invalid domain name. Please check the status.
OperationDenied	Operation denied.
OperationDenied.ResourceLockedTemporary	This operation conflicts with concurrent operations. Try again later.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.

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ResourceUnavailable.DomainNotFound	The requested accelerated domain name doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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CreateSharedCNAME

Last updated：2024-04-09 10:26:27

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a shared CNAME. It is now only available to beta users.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateSharedCNAME.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to which the shared CNAME belongs.
SharedCNAMEPrefix	Yes	String	Shared CNAME prefix. Enter a valid domain name prefix, such as "test-api" and "test-api.com". A maximum of 50 characters are allowed. Complete format of the shared CNAME: '+<A 12-character random string in ZoneId>+share.dnse[0-5].com'. For example, if the prefix is example.com, EdgeOne will create the shared CNAME: example.com.sai2ig51kaa5.share.dnse2.com.

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Description	No	String	Description. It supports 1-50 characters.

3. Output Parameters

Parameter Name	Type	Description
SharedCNAME	String	Shared CNAME. Format: '+<A 12-character random string in ZoneId>+share.dnse[0-5].com'.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a shared CNAME

This example shows you how to create a shared CNAME under the site `zone-225qgrnvbi9w` with the prefix of `test` and description of `For Service A`.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateSharedCNAME
<Common request parameters>

{
"SharedCNAMEPrefix": "test",
"ZoneId": "zone-225qgrnvbi9w",
"Description": "For Service A"
}
```

Output Example

```
{
"Response": {
"SharedCNAME": "test.225qgrnvbi9w.share.dnse1.com",
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
```

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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameterValue.NotAllowedWildcardSharedCNAME	Wildcard domain CNAMEs are not supported.
InvalidParameterValue.SharedCNAMEPrefixNotMatch	Enter a valid shared CNAME prefix of up to 50 characters.
LimitExceeded	The quota limit has been reached.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
ResourceUnavailable.SharedCNAMEAlreadyExists	The shared CNAME is used by others.

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BindSharedCNAME

Last updated：2024-04-09 10:26:28

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to bind/unbind a domain name to/from a shared CNAME. It is now only available to beta users.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: BindSharedCNAME.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site related with the acceleration domain name.
BindType	Yes	String	Action type. Values: • `bind` : To bind • `unbind` : To unbind
BindSharedCNAMEMaps.N	Yes	Array of BindSharedCNAMEMap	Bindings between domain names and a shared CNAME

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Binding with a shared CNAME

In this example, we bind the domain names `a.qq.com` and `b.qq.com` under the site `zone-225qgrnvbi9w` to the shared CNAME `qq.com.sai2ig51kaa5.share.dnse5.com`, and bind the domain names `api.qq.com` and `img.qq.com` to the shared CNAME `config.qq.com.sai2ig51kaa5.share.dnse5.com`.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindSharedCNAME
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"BindType": "bind",
"BindSharedCNAMEMaps": [
{
"SharedCNAME": "qq.com.sai2ig51kaa5.share.dnse5.com",
"DomainNames": [
"a.qq.com",
"b.qq.com"
]
},
{
"SharedCNAME": "config.qq.com.sai2ig51kaa5.share.dnse5.com",
"DomainNames": [
"api.qq.com",
"img.qq.com"
]
```

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```
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example2 Unbinding from a shared CNAME

In this example, we unbind the domain name `a.qq.com` under the site `zone-225qgrnvbi9w` from the shared CNAME `qq.com.sai2ig51kaa5.share.dnse5.com` .

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindSharedCNAME
<Common request parameters>

{
"ZoneId": "zone-225qgrnvbi9w",
"BindType": "unbind",
"BindSharedCNAMEMaps": [
{
"SharedCNAME": "qq.com.sai2ig51kaa5.share.dnse5.com",
"DomainNames": [
"a.qq.com"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-5d3a-ac39-1706cbf8a708"
```

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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.

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DeleteSharedCNAME

Last updated：2024-04-09 10:26:25

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete a shared CNAME. It is now only available to beta users.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteSharedCNAME.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to which the shared CNAME belongs.
SharedCNAME	Yes	String	The shared CNAME to be deleted

3. Output Parameters

Parameter Name	Type	Description

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a shared CNAME

This example deletes the share CNAME `qq.com.225qgrnvbi9w.share.dnse5.com` under the site `zone-225qgrnvbi9w` .

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteSharedCNAME
<Common request parameters>

{
"SharedCNAME": "qq.com.225qgrnvbi9w.share.dnse5.com",
"ZoneId": "zone-225qgrnvbi9w"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceInUse.SharedCNAME	Unable to delete the shared CNAME: It is bound to an acceleration domain name. Please remove the binding first.

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Site Acceleration Configuration APIs
CreateRule

Last updated：2024-06-13 17:03:10

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a rule in the rule engine.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
RuleName	Yes	String	The rule name (1 to 255 characters)
Status	Yes	String	Rule status. Values: • `enable` : Enabled • `disable` : Disabled
Rules.N	Yes	Array of Rule	The rule content.

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Tags.N	No	Array of String	Tag of the rule.

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 CreateRule

This example shows you how to create a rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"Status": "disable",
"Rules": [
{
"Actions": [
{
"NormalAction": {
"Action": "RangeOriginPull",
"Parameters": [
{
"Name": "Switch",
"Values": [
"on"
]
```

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```
}
]
}
},
{
"CodeAction": {
"Action": "StatusCodeCache",
"Parameters": [
{
"Name": "CacheTime",
"StatusCode": 400,
"Values": [
"20"
]
}
]
}
},
{
"RewriteAction": {
"Action": "ResponseHeader",
"Parameters": [
{
"Action": "set",
"Name": "Foo",
"Values": [
"Bar"
]
},
{
"Action": "add",
"Name": "Hello",
"Values": [
"World"
]
},
{
"Action": "del",
"Name": "Foo2",
"Values": []
}
]
}
}
],
"Conditions": [
{
```

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```
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"Values": [
"test.vernayang.com"
]
}
]
}
]
}
],
"RuleName": "new_rule01",
"ZoneId": "zone-qbjifysd"
}
```

Output Example

```
{
"Response": {
"RequestId": "811d2583-310c-41f4-b5e7-abe4074047d4",
"RuleId": "rule-djuqmq"
}
}
```

Example2 Changing the origin server type to IP domain name

This example shows you how to change the origin server type to IP domain name using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
{
```

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```
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"IP_DOMAIN"
]
},
{
"Name": "DomainName",
"Values": [
"1.1.1.1"
]
},
{
"Name": "OriginProtocol",
"Values": [
"follow"
]
},
{
"Name": "HttpOriginPort",
"Values": [
"80"
```

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```
]
},
{
"Name": "HttpsOriginPort",
"Values": [
"443"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuqsx",
"RequestId": "811d2583-310c-41f4-b5e7-abe4074047d4"
}
}
```

Example3 Changing the origin server type to origin server group

This example shows you how to change the origin server type to origin server group using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
{
```

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```
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"OriginGroup"
]
},
{
"Name": "OriginGroupId",
"Values": [
"origin-ff7e677b-2c4d-11ee-9687-525400521111"
]
},
{
"Name": "OriginProtocol",
"Values": [
"follow"
]
},
{
"Name": "HttpOriginPort",
"Values": [
"80"
```

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```
]
},
{
"Name": "HttpsOriginPort",
"Values": [
"443"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq9s",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404sdsd"
}
}
```

Example4 Changing the origin server type to load balancing

This example shows you how to change the origin server type to load balancing using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
{
```

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```
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"LoadBalance"
]
},
{
"Name": "OriginGroupId",
"Values": [
"lb-ff7e677b-2c4d-11ee-9687"
]
},
{
"Name": "OriginProtocol",
"Values": [
"follow"
]
},
{
"Name": "HttpOriginPort",
"Values": [
"80"
```

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```
]
},
{
"Name": "HttpsOriginPort",
"Values": [
"443"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq91",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404xs"
}
}
```

Example5 Changing the origin server type to S3-compatible object storage

This example shows you how to change the origin server type to S3-compatible object storage using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
{
```

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```
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"AWS_S3"
]
},
{
"Name": "ServerName",
"Values": [
"bucke_name.gcp.storage.com"
]
},
{
"Name": "PrivateAccess",
"Values": [
"on"
]
},
{
"Name": "AccessKeyId",
"Values": [
"xxxx******xxxx"
```

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```
]
},
{
"Name": "SecretAccessKey",
"Values": [
"xxxx******xxxx"
]
},
{
"Name": "SignatureVersion",
"Values": [
"v4"
]
},
{
"Name": "Region",
"Values": [
"ap-guangzhou"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq23",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404sxsd"
}
}
```

Example6 Changing the origin server type to COS

This example shows you how to change the origin server type to COS using the rule engine.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
```

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```
Content-Type: application/json
X-TC-Action: CreateRule
<Common request parameters>

{
"ZoneId": "zone-2kmrcz5heaw2",
"RuleName": "test_origin",
"Status": "enable",
"Rules": [
{
"Conditions": [
{
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"IgnoreCase": false,
"Values": [
"rule.test.cloud"
]
},
{
"Operator": "equal",
"Target": "client_country",
"IgnoreCase": false,
"Values": [
"CN"
]
}
]
}
],
"Actions": [
{
"NormalAction": {
"Action": "Origin",
"Parameters": [
{
"Name": "Type",
"Values": [
"COS"
]
},
{
"Name": "ServerName",
"Values": [
"bucke_name.gcp.storage.com"
```

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```
]
},
{
"Name": "CosPrivateAccess",
"Values": [
"on"
]
}
]
}
}
],
"SubRules": []
}
]
}
```

Output Example

```
{
"Response": {
"RuleId": "rule-djuq21",
"RequestId": "811d2583-310c-41f4-b5e7-abe407404hs"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backen server.
InternalError.SystemError	Internal system error.
InvalidParameter.AccessRedirectRegexError	The regex is not in the standard RE2 format.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.ErrActionUnsupportTarget	The current conditions do not support the requested operation.
InvalidParameter.ErrInvalidAction	Invalid

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	operation.
InvalidParameter.ErrInvalidActionOriginPrivateAddress	Invalid rule engine operation. The origin server IP cannot be a private network IP or loopback address.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamAction	Invalid parameter "action".
InvalidParameter.ErrInvalidActionParamBadValueType	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid parameter: Duplicate parameter names.
InvalidParameter.ErrInvalidActionParamName	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action type.
InvalidParameter.ErrInvalidCondition	Invalid conditions.
InvalidParameter.ErrInvalidConditionCannotOnlyContainHostWhenModifyOriginActionConfigured	The operations of

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	modifying the origin server cannot be onl to configure host matching type.
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid condition: The letter case is ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid condition: Invalid parameter name.
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid condition: The match type is not supported by this parameter.
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid condition: Invalid regula expression fo the paramete value.
InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid parameter value "url".
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.
InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid parameter value: File extension is not allowed.

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InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyRegular	The condition has too many regular expressions.
InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid condition: Too many wildcards in the parameter
InvalidParameter.ErrInvalidConditionValueZeroLength	Invalid condition: The parameter value is 0.
InvalidParameter.ErrNilCondition	Empty condition.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.HostNotFound	The domain name does not exist.
InvalidParameter.InvalidAuthentication	Invalid token authentication

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InvalidParameter.InvalidAuthenticationTypeExpireTime	Invalid token authenticatior expiration time.
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token authenticatior parameter.
InvalidParameter.InvalidAwsRegion	Invalid region Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidBackupServerName	Invalid secondary origin domain
InvalidParameter.InvalidCacheConfigCache	Invalid node cache.
InvalidParameter.InvalidCacheKey	Invalid cache key.
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query string.
InvalidParameter.InvalidCacheTime	Invalid node cache validity
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidDynamicRoutineBilling	The package does not support Smar Acceleration.
InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custon error page.

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InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidPostSizeValue	Invalid POST request size.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidRequestHeaderNameXff	Invalid request header x-forwarded-for
InvalidParameter.InvalidRequestHeaderValue	Invalid request header.
InvalidParameter.InvalidResponseHeaderName	Invalid response header.
InvalidParameter.InvalidResponseHeaderValue	Invalid response header.

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InvalidParameter.InvalidRuleEngineAction	Invalid rule engine operation.
InvalidParameter.InvalidRuleEngineTarget	Invalid rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file extension in the rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL ir the rule engine condition.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiratior time is exceeded.
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull request configuration error: Invalid query string.
InvalidParameter.InvalidUrlRedirect	Invalid URL rewrite.
InvalidParameter.InvalidUrlRedirectHost	Invalid target host in the URL rewriting rule.
InvalidParameter.InvalidUrlRedirectUrl	The target URL for URL rewrite is invalid.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.

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InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache key.
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Load Balance instance ID is required in the operation of modifying the origin server.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.OriginOriginGroupIdIsRequired	The origin group ID is required.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.TaskSystemError	Internal error.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required configuration parameters.
InvalidParameterValue.NotInEnumeration	The value is not within the required collection.

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InvalidParameterValue.NotWithinRange	The value is not within the specified range.
InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.UnrecognizableValue	Configuration item error.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing domain feature under the current site conflicts with the Chinese mainland network optimization, and cannot be configured at the same time
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.InvalidAdvancedDefenseSecurityType	The security service must be enabled when you

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	enable the DDoS Protection.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DeleteRules

Last updated：2024-04-09 10:25:29

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to batch delete rules from the rule engine.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
RuleIds.N	Yes	Array of String	IDs of the rules to be deleted.

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Batch deleting rules from the rule engine

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteIdlFiles
<Common request parameters>

{
"RuleIds": [
"rule-66tjz30m",
"rule-bx3zke8q"
],
"ZoneId": "zone-26r78x31ny86"
}
```

Output Example

```
{
"Response": {
"RequestId": "ace05891-744c-40f8-94de-4e1c08d954c2"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.SystemError	Internal system error.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRuleEngineNotFound	The rule does not exist.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.ZoneNotFound	The site does not exist.

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OperationDenied	Operation denied.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeHostsSetting

Last updated：2024-04-09 10:25:29

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query detailed domain name configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeHostsSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Offset	No	Integer	Offset for paginated queries. Default value: 0. Minimum value: 0.
Limit	No	Integer	Limit on paginated queries. Default value: 100. Maximum value: 1000.
Filters.N	No	Array of Filter	Filter conditions. The maximum value for Filters.Values is 20. The detailed conditions are as follows: • host: Filter by domain name.

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3. Output Parameters

Parameter Name	Type	Description
DetailHosts	Array of DetailHost	List of domain names.
TotalNumber	Integer	Number of domain names
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query detailed configurations of the domain name

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeHostsSetting
<Common request parameters>

{
"ZoneId": "zone-27q0p0bali16"
}
```

Output Example

```
{
"Response": {
"DetailHosts": [
{
"Status": "online",
"Host": "test.example.com",
"ZoneId": "zone-27q0p0bali16",
"ZoneName": "example.com",
"Cname": "test.example.com.acc.edgeonedy1.com.",
"Id": "edge-ja6yyfjh",
"InstanceId": "edge-ja6yyfjh",
```

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```
"Lock": 0,
"Mode": 0,
"Area": "mainland",
"AccelerateType": {
"Switch": "on"
},
"CacheConfig": {
"Cache": {
"Switch": "on",
"CacheTime": 0,
"IgnoreCacheControl": "abc"
},
"NoCache": {
"Switch": "on"
},
"FollowOrigin": {
"Switch": "on",
"DefaultCacheTime": 0,
"DefaultCache": "abc",
"DefaultCacheStrategy": "abc"
}
},
"CacheKey": {
"FullUrlCache": "on",
"IgnoreCase": "off",
"QueryString": {
"Action": "includeCustom",
"Switch": "off",
"Value": []
}
},
"Compression": {
"Algorithms": [
"brotli",
"gzip"
],
"Switch": "on"
},
"DDoS": {
"Switch": "on"
},
"ClientIpCountry": {
"HeaderName": "",
"Switch": "off"
},
"CC": {
"PolicyId": 1996,
```


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```
"Switch": "on"
},
"Waf": {
"PolicyId": 1995,
"Switch": "on"
},
"Https": {
"CertInfo": [],
"Hsts": {
"IncludeSubDomains": "off",
"MaxAge": 1,
"Preload": "off",
"Switch": "on"
},
"Http2": "on",
"OcspStapling": "off",
"TlsVersion": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
],
"ApplyType": "abc",
"CipherSuite": "abc"
},
"Ipv6": {
"Switch": "off"
},
"Origin": {
"BackupOrigins": [],
"CosPrivateAccess": "off",
"OriginPullProtocol": "follow",
"Origins": [
"1.1.1.1:80:100"
]
},
"SecurityType": {
"Switch": "on"
},
"SmartRouting": {
"Switch": "off"
}
}
],
"RequestId": "9cc50b24-7dc5-44f4-96ce-95825d53ff2f",
"TotalNumber": 1
```


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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InvalidParameter	Parameter error.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeRules

Last updated：2024-04-09 10:25:28

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the rules in the rule engine.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
Filters.N	No	Array of Filter	Filter conditions. Each filter condition can have up to 20 entries. See below for details: • `rule-id` : Filter by the **rule ID** Type: String Required: No

3. Output Parameters

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Parameter Name	Type	Description
ZoneId	String	ID of the site
RuleItems	Array of RuleItem	List of rules. Rules are sorted in order of execution.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 DescribeRules

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRules
<Common request parameters>

{
"ZoneId": "zone-kwsqufps"
}
```

Output Example

```
{
"Response": {
"RequestId": "5f24d792-050d-439f-a864-353fd7b67e9f",
"RuleItems": [
{
"RuleId": "rule-2picazk4qsq9",
"RuleName": "Unnamed rule",
"RulePriority": 1,
"Rules": [
{
"Actions": [
{
"CodeAction": null,
"NormalAction": {
```

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```
"Action": "Cache",
"Parameters": [
{
"Name": "Type",
"Values": [
"Cache"
]
},
{
"Name": "Switch",
"Values": [
"on"
]
},
{
"Name": "IgnoreCacheControl",
"Values": [
"off"
]
},
{
"Name": "CacheTime",
"Values": [
"100"
]
}
]
},
"RewriteAction": null
}
],
"Conditions": [
{
"Conditions": [
{
"IgnoreCase": false,
"IgnoreNameCase": false,
"Operator": "equal",
"Target": "host",
"Name": "",
"Values": [
"corki.chris-v.com"
]
}
]
}
],
```


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```
"SubRules": []
}
],
"Status": "enable",
"Tags": []
}
],
"ZoneId": "zone-2p7d5y3b8l8k"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeRulesSetting

Last updated：2024-04-09 10:25:27

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to return the list of the settings of the rule engine that can be used for request match and their detailed recommended configuration information.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeRulesSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.

3. Output Parameters

Parameter Name	Type	Description
Actions	Array of RulesSettingAction	List of the settings of the rule engine that can be used for request match and their detailed recommended configuration information.

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 DescribeRulesSetting

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRulesSetting
<Common request parameters>

{}
```

Output Example

```
{
"Response": {
"RequestId": "811d2583-310c-41f4-b5e7-abe4074047d4",
"Actions": [
{
"Action": "ErrorPage",
"Properties": [
{
"ChoiceProperties": [],
"ChoicesValue": [],
"ExtraParameter": {
"Choices": [
"403",
"404",
"404",
"405",
"414",
"416",
"451",
"500",
"501",
"502",
```

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```
"503",
"504"
],
"Id": "StatusCode",
"Type": "CHOICE"
},
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "RedirectUrl",
"Type": "CUSTOM_STRING"
}
]
},
{
"Action": "Cache",
"Properties": [
{
"ChoiceProperties": [
{
"ChoicesValue": [
"on",
"off"
],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "Switch",
"Type": "TOGGLE"
}
],
"ChoicesValue": [],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "FollowOrigin",
"Type": "OBJECT"
},
{
"ChoiceProperties": [
{
"ChoicesValue": [
```


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```
"on",
"off"
],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "Switch",
"Type": "TOGGLE"
},
{
"ChoicesValue": [],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "CacheTime",
"Type": "CUSTOM_NUM"
}
],
"ChoicesValue": [],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "Cache",
"Type": "OBJECT"
},
{
"ChoiceProperties": [
{
"ChoicesValue": [
"on",
"off"
],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "Switch",
"Type": "TOGGLE"
}
],
```


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```
"ChoicesValue": [],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "NoCache",
"Type": "OBJECT"
}
]
},
{
"Action": "MaxAge",
"Properties": [
{
"ChoiceProperties": [],
"ChoicesValue": [],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "MaxAgeTime",
"Type": "CUSTOM_NUM"
},
{
"ChoiceProperties": [],
"ChoicesValue": [
"on",
"off"
],
"ExtraParameter": null,
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "FollowOrigin",
"Type": "TOGGLE"
}
]
},
{
"Action": "StatusCodeCache",
"Properties": [
{
"ChoiceProperties": [],
"ChoicesValue": [],
```


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```
"ExtraParameter": {
"Choices": [
"403",
"404",
"404",
"405",
"414",
"416",
"451",
"500",
"501",
"502",
"503",
"504"
],
"Id": "StatusCode",
"Type": "CHOICE"
},
"IsAllowEmpty": false,
"IsMultiple": false,
"Max": 0,
"Min": 0,
"Name": "CacheTime",
"Type": "CUSTOM_NUM"
}
]
}
]
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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DescribeZoneSetting

Last updated：2024-04-09 10:25:27

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the site configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeZoneSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.

3. Output Parameters

Parameter Name	Type	Description
ZoneSetting	ZoneSetting	The site configuration.

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		Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query zone configuration

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeZoneSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee"
}
```

Output Example

```
{
"Response": {
"RequestId": "88215c08-67de-4c7d-974e-a14461816f5b",
"ZoneSetting": {
"AccelerateMainland": {
"Switch": "off"
},
"Area": "global",
"CacheConfig": {
"Cache": {
"CacheTime": 2592000,
"Switch": "off"
},
"FollowOrigin": {
"DefaultCache": "on",
"DefaultCacheStrategy": "on",
"DefaultCacheTime": 0,
"Switch": "on"
},
"NoCache": {
```

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```
"Switch": "off"
}
},
"CacheKey": {
"FullUrlCache": "on",
"IgnoreCase": "off",
"QueryString": {
"Action": "includeCustom",
"Switch": "off",
"Value": []
}
},
"CachePrefresh": {
"Percent": 90,
"Switch": "off"
},
"ClientIpCountry": {
"HeaderName": "",
"Switch": "off"
},
"ClientIpHeader": {
"HeaderName": "",
"Switch": "off"
},
"Compression": {
"Algorithms": [
"brotli",
"gzip"
],
"Switch": "on"
},
"ForceRedirect": {
"RedirectStatusCode": 302,
"Switch": "off"
},
"Grpc": {
"Switch": "off"
},
"Https": {
"ApplyType": "none",
"CertInfo": [],
"CipherSuite": "loose-v2023",
"Hsts": {
"IncludeSubDomains": "off",
"MaxAge": 0,
"Preload": "off",
"Switch": "off"
```


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```
},
"Http2": "on",
"OcspStapling": "off",
"TlsVersion": [
"TLSv1",
"TLSv1.1",
"TLSv1.2",
"TLSv1.3"
]
},
"ImageOptimize": {
"Switch": "off"
},
"Ipv6": {
"Switch": "off"
},
"MaxAge": {
"FollowOrigin": "on",
"MaxAgeTime": 600
},
"OfflineCache": {
"Switch": "on"
},
"Origin": {
"Origins": [
"30.12.34.23"
],
"BackupOrigins": [
"30.12.34.11"
],
"OriginPullProtocol": "follow",
"CosPrivateAccess": "abc"
},
"PostMaxSize": {
"MaxSize": 524288000,
"Switch": "on"
},
"Quic": {
"Switch": "off"
},
"SmartRouting": {
"Switch": "off"
},
"StandardDebug": {
"AllowClientIPList": [],
"ExpireTime": "1969-12-31T16:00:00Z",
"Switch": "off"
```


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```
},
"UpstreamHttp2": {
"Switch": "off"
},
"WebSocket": {
"Switch": "off",
"Timeout": 30
},
"ZoneName": "wxlagame.com"
}
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.

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InternalError.SystemError	Internal system error.
InvalidParameter.SettingInvalidParam	Configuration parameter error.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyRule

Last updated：2024-06-13 17:03:10

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify a rule in the rule engine.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site
RuleName	Yes	String	The rule name. It is a string that can contain 1–255 characters.
Rules.N	Yes	Array of Rule	The rule content.
RuleId	Yes	String	The rule ID.
Status	Yes	String	Rule status. Values: • `enable` : Enabled • `disable` : Disabled

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Tags.N	No	Array of String	Tag of the rule.

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 ModifyRule

The following example shows common modifications.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRule
<Common request parameters>

{
"Status": "disable",
"Rules": [
{
"Actions": [
{
"NormalAction": {
"Action": "RangeOriginPull",
"Parameters": [
{
"Name": "Switch",
"Values": [
"on"
]
```

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```
}
]
}
},
{
"CodeAction": {
"Action": "StatusCodeCache",
"Parameters": [
{
"Name": "CacheTime",
"StatusCode": 200,
"Values": [
"20"
]
}
]
}
},
{
"RewriteAction": {
"Action": "ResponseHeader",
"Parameters": [
{
"Action": "set",
"Name": "Foo",
"Values": [
"Bar"
]
},
{
"Action": "add",
"Name": "Hello",
"Values": [
"World"
]
},
{
"Action": "del",
"Name": "Foo2",
"Values": []
}
]
}
}
],
"Conditions": [
{
```

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```
"Conditions": [
{
"Operator": "equal",
"Target": "host",
"Values": [
"www.shawndai.cn"
]
}
]
}
]
}
],
"RuleName": "new_rule02",
"ZoneId": "zone-26r78x31ny86",
"RuleId": "rule-djuqmq"
}
```

Output Example

```
{
"Response": {
"RequestId": "811d2583-310c-41f4-b5e7-abe4074047d4",
"RuleId": "rule-djuqmq"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.SystemError	Internal system error.
InvalidParameter.CacheKeyQueryStringTooManyValue	The query string has too many values.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.CompressionInvalidAlgorithms	Invalid compression algorithm.
InvalidParameter.ErrActionUnsupportTarget	The current conditions do not support the requested operation.
InvalidParameter.ErrInvalidAction	Invalid operation.
InvalidParameter.ErrInvalidActionDuplicateAction	Invalid operation: Duplicate operation configuration.
InvalidParameter.ErrInvalidActionParam	Invalid operation: Invalid parameter.
InvalidParameter.ErrInvalidActionParamAction	Invalid parameter "action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid parameter: Duplicate parameter names.

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InvalidParameter.ErrInvalidActionParamName	Invalid value type for the parameter "action".
InvalidParameter.ErrInvalidActionParamTooManyValues	Invalid parameter: The parameter has too many values.
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action type.
InvalidParameter.ErrInvalidConditionHostTooManyWhenModifyOriginActionConfigured	You can only configure one host matching type when modifying the origin.
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid condition: The letter case is ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid condition: Invalid parameter name.
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid condition: The match type is not supported by this parameter.
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid condition: Invalid regular expression for the parameter value.
InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid parameter value "url".
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.
InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid parameter value: File extension is not allowed.
InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid condition: The parameter value exceeds the limit.

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InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid condition: The parameter value exceeds the limit.
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid condition: Too many wildcards in the parameter.
InvalidParameter.ErrInvalidElseWhenModifyOriginActionConfigured	ELSE is not supported for origin server modification.
InvalidParameter.ErrNilCondition	Empty condition.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.HostNotFound	The domain name does not exist.
InvalidParameter.InvalidAuthenticationTypeSecretKey	Invalid key for token authentication.
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token authentication parameter.
InvalidParameter.InvalidAuthenticationTypeTimeFormat	Invalid authentication token format.
InvalidParameter.InvalidAuthenticationTypeTimeParam	Invalid authentication token parameter.
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidBackupServerName	Invalid secondary origin domain.
InvalidParameter.InvalidCacheKey	Invalid cache key.
InvalidParameter.InvalidCacheKeyCookie	Invalid cache key

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	cookie.
InvalidParameter.InvalidCacheKeyIgnoreCase	Cases are ignored in the cache key.
InvalidParameter.InvalidCacheKeyScheme	Invalid cache key scheme.
InvalidParameter.InvalidCacheTime	Invalid node cache validity.
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.
InvalidParameter.InvalidCosDomain	Invalid origin-pull configuration. When `OriginType` is `COS` or `AWS_S3`, the origin address must be an object storage domain name.
InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custom error page.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidRequestHeaderNameXff	Invalid request

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	header x-forwarded-for.
InvalidParameter.InvalidRequestHeaderValue	Invalid request header.
InvalidParameter.InvalidResponseHeaderName	Invalid response header.
InvalidParameter.InvalidResponseHeaderValue	Invalid response header.
InvalidParameter.InvalidRuleEngineAction	Invalid rule engine operation.
InvalidParameter.InvalidRuleEngineNotFound	The rule does not exist.
InvalidParameter.InvalidRuleEngineTarget	Invalid rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file extension in the rule engine condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL in the rule engine condition.
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull request configuration error: Invalid query string.
InvalidParameter.InvalidUrlRedirectHost	Invalid target host in the URL rewriting rule.
InvalidParameter.InvalidUrlRedirectUrl	The target URL for URL rewrite is invalid.
InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache key.
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Load Balancer instance ID is required in the operation of

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	modifying the origin server.
InvalidParameter.NotSupportThisPreset	Unsupported preset variables exist.
InvalidParameter.OriginOriginGroupIdIsRequired	The origin group ID is required.
InvalidParameter.OriginPullProtocolIsRequired	The return protocol is required in the operation of modifying the origin server.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.ResponseHeaderCacheControlNotAllowDelete	Invalid response header.
InvalidParameter.StatusCodeCacheInvalidStatusCode	Invalid status code in cache.
InvalidParameter.TlsVersionNotInSequence	TLS version is not continuous for HTTPS.
InvalidParameterValue.FormatMismatch	Format mismatch.
InvalidParameterValue.GeneralMismatch	Configuration parameter format mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains invalid value.
InvalidParameterValue.MissingNecessaryParam	Missing required configuration parameters.
InvalidParameterValue.NotInEnumeration	The value is not within the required collection.
InvalidParameterValue.NotWithinRange	The value is not within the specified range.

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InvalidParameterValue.RegExMismatch	Does not match the specified regular expression.
InvalidParameterValue.UnrecognizableValue	Configuration item error.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.InvalidAdvancedDefenseSecurityType	The security service must be enabled when you enable the DDoS Protection.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyZoneSetting

Last updated：2024-04-09 10:25:25

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify the site configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyZoneSetting.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID to modify.
CacheConfig	No	CacheConfig	Cache expiration time configuration The original configuration will apply if this field is not specified.
CacheKey	No	CacheKey	The node cache key configuration. The original configuration will apply if this field is not specified.

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MaxAge	No	MaxAge	The browser cache configuration. The original configuration will apply if this field is not specified.
OfflineCache	No	OfflineCache	The offline cache configuration. The original configuration will apply if this field is not specified.
Quic	No	Quic	QUIC access configuration. The original configuration will apply if it is not specified.
PostMaxSize	No	PostMaxSize	POST transport configuration. The original configuration will apply if it is not specified.
Compression	No	Compression	The smart compression configuration. The original configuration will apply if this field is not specified.
UpstreamHttp2	No	UpstreamHttp2	HTTP2 origin-pull configuration. The original configuration will apply if it is not specified.
ForceRedirect	No	ForceRedirect	Force HTTPS redirect configuration. The original configuration will apply if it is not specified.
Https	No	Https	HTTPS acceleration configuration. The original configuration will apply if it is not specified.
Origin	No	Origin	The origin server configuration. The original configuration will apply if this field is not specified.
SmartRouting	No	SmartRouting	The smart acceleration configuration. The original configuration will apply if this field is not specified.
WebSocket	No	WebSocket	WebSocket configuration. The original configuration will apply if it is not specified.
ClientIpHeader	No	ClientIpHeader	Origin-pull client IP header configuration. The original configuration will apply if it is not specified.
CachePrefresh	No	CachePrefresh	The cache prefresh configuration. The original configuration will apply if this field is not specified.
Ipv6	No	Ipv6	Ipv6 access configuration. The original configuration will apply if it is not specified.

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ClientIpCountry	No	ClientIpCountry	Whether to carry the location information of the client IP during origin-pull. The original configuration will apply if it is not specified.
Grpc	No	Grpc	Configuration of gRPC support. The original configuration will apply if it is not specified.
ImageOptimize	No	ImageOptimize	Image optimization. It is disabled if this parameter is not specified.
StandardDebug	No	StandardDebug	Standard debugging configuration.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the IPv6 access configuration of a site

This example shows you how to modify the IPv6 access configuration of a site.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"Ipv6": {
"Switch": "on"
}
}
```

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Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example2 Modifying the QUIC access configuration of a site

This example shows you how to modify the QUIC access configuration of a site.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneSetting
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"Quic": {
"Switch": "on"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

Example3 Modifying the cache expiration time of a site

This example shows you how to modify the cache expiration time of a site.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyZoneSetting
```

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```
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"CacheConfig": {
"NoCache": {
"Switch": "on"
}
}
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CertificateNotFound	The certificate does not exist.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InternalError.UnknowError	Unknown error.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.CacheKeyQueryStringRequiresFullUrlCacheOff	Invalid query string.
InvalidParameter.CacheKeyQueryStringTooManyValue	The query string has too many values.
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.ClientIpCountryConflictsWithIpv6	IPv6 access conflicts with client IP geographical location.
InvalidParameter.GrpcRequireHttp2	To enable gRPC support, HTTP/2 support must be enabled as well.
InvalidParameter.InvalidAwsPrivateAccess	Invalid third-party object storage.
InvalidParameter.InvalidCacheConfigFollowOrigin	Invalid node cache. The origin behavior is followed.
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query string.
InvalidParameter.InvalidCacheOnlyOnSwitch	Invalid node cache.
InvalidParameter.InvalidCacheTime	Invalid node cache validity.
InvalidParameter.InvalidClientIpCountryHeaderName	Invalid client IP location configuration. HeaderName consists of 1-100 alphanumeric characters and cannot start or end with hyphens (-).
InvalidParameter.InvalidClientIpHeaderName	Invalid client IP request header.

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InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidDynamicRoutineBilling	The package does not support Smart Acceleration.
InvalidParameter.InvalidForceRedirectType	Invalid forced HTTPS direction settings
InvalidParameter.InvalidHttps	Invalid parameter "https".
InvalidParameter.InvalidHttpsCertInfo	Invalid HTTPS certificate.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher suite does not match the TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTPS HSTS.
InvalidParameter.InvalidHttpsTlsVersion	Invalid HTTPS TLS version.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeTime	Invalid browser cache.
InvalidParameter.InvalidOrigin	Invalid origin server.
InvalidParameter.InvalidOriginType	Incorrect origin server type.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidPostMaxSizeBilling	The speciThe plan does not support limiting the max upload size.
InvalidParameter.InvalidPostSizeValue	Invalid POST request size.
InvalidParameter.InvalidRangeOriginPull	Invalid Range GETs.
InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameter.InvalidResourceIdBilling	You have not purchased a plan yet.
InvalidParameter.InvalidStandardDebugClientIp	Invalid client IP or CIDR block.
InvalidParameter.InvalidStandardDebugEmptyList	The AllowClientIPList parameter is mandatory. The IPv4 and IPv6 network segments are supported. 0.0.0.0/0 indicates that all IPv4 clients can be debugged, and ::/0 indicates that all IPv6 clients can be debugged.

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InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiration time is exceeded.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebSocket.
InvalidParameter.MultiplyLayerNotSupportSmartRouting	Smart routing is not supported.
InvalidParameter.OCDirectOriginRequiresSmartRouting	The domain name is configured to forward requests to the origin directly. iSmart Acceleration must be enabled.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.SettingInvalidParam	Configuration parameter error.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-border acceleration and IPv6 cannot be configured at the same time.
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing domain feature under the current site conflicts with the Chinese mainland network optimization, and cannot be configured at the same time.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.SharedCNAMEUnsupportedAccelerateMainland	The domain name is bound with a shared CNAME and cannot be changed to "Cross-MLC-border acceleration". Please unbind the domain name from the shared CNAME first.
OperationDenied.SharedCNAMEUnsupportedIPv6	The domain name is bound with a shared

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	CNAME and cannot be changed to "IPv6 access". Please unbind the domain name from the shared CNAME first.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.
ResourceNotFound.PostMaxSizeQuotaNotFound	Maximum upload size is not configured.
ResourceUnavailable.CertNotFound	The certificate does not exist or is not authorized.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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Alias Domain APIs
CreateAliasDomain

Last updated：2024-05-29 14:56:04

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateAliasDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
AliasName	Yes	String	The alias domain name.
TargetName	Yes	String	The target domain name.
CertType	No	String	Certificate configuration. Values: • `none` : (Default) Do not configure • `hosting` : Managed SSL certificate

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CertId.N	No	Array of String	The certificate ID. This field is required when `CertType=hosting`.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an alias domain name

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateAliasDomain
<Common request parameters>

{
"TargetName": "aaa.example.com",
"AliasName": "bbb.test.com",
"CertType": "none",
"ZoneId": "zone-28569s6od5na"
}
```

Output Example

```
{
"Response": {
"RequestId": "4dcgtb24-7dc5-46s2-9q3e-95825d53dcs3a"
}
}
```

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5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CertificateNotFound	The certificate does not exist.
InternalError	Internal error.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InvalidParameter.AliasDomainNotSupportSMCert	Chinese SM certificates are not supported for alias domain names.
InvalidParameter.CertNotMatchDomain	Mismatch between the HTTPS certificate and the domain name.
InvalidParameter.InvalidHttpsCertInfo	Invalid HTTPS certificate.
InvalidParameter.InvalidParameter	Invalid parameter.

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InvalidParameter.InvalidRequestHeaderName	Invalid request header.
InvalidParameterValue	Invalid parameter value.
InvalidParameterValue.InvalidAliasDomainName	The alias domain name is invalid. It must contain numerics, English characters, and hyphens, but hyphen is not allowed at the beginning or the end.
InvalidParameterValue.InvalidAliasNameSuffix	Invalid alias domain suffix. This domain is for internal usage and cannot be used as the alias domain.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DomainIsBlocked	Unable to use the domain name when it’s blocked.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
ResourceInUse.AliasName	The alias domain name already exists.
ResourceInUse.DuplicateName	Duplicate alias domain names.
ResourceInUse.Zone	The alias domain name is already added.
ResourceNotFound	The resource doesn’t exist.
ResourceUnavailable.DomainAlreadyExists	The domain name is already connected to EdgeOne by another account. Please retrieve it first in order to add it.
UnauthorizedOperation	Unauthorized operation.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation.TargetNameOriginTypeCos	The origin type of the target domain cannot be COS for an alias domain.

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DescribeAliasDomains

Last updated：2024-05-29 14:56:03

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the information of alias domain names.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAliasDomains.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Offset	No	Integer	The page offset. Default value: 0
Limit	No	Integer	The paginated query limit. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of AdvancedFilter	Filter conditions. The maximum value for Filters.Values is 20. The detailed conditions are as follows: • target-name: Filter by the target domain name; • alias-name: Filter by the alias of the domain name.

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			Fuzzy queries are only supported for the field name alias-name.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total eligible alias domain names.
AliasDomains	Array of AliasDomain	Information of the eligible alias domain names.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of alias domain names

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAliasDomains
<Common request parameters>

{
"ZoneId": "zone-28569s6od5na",
"Limit": 20,
"Filters": [
{
"Values": [
"bbb.test.com"
],
"Name": "alias-name"
}
],
"Offset": 0
}
```

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Output Example


```
{
"Response": {
"TotalCount": 1,
"RequestId": "5ce6ee51-cda5-4e0d-a338-cff57a00bb3a",
"AliasDomains": [
{
"Status": "pending",
"ModifiedOn": "2020-09-22T00:00:00+00:00",
"TargetName": "aaa.example.com",
"CreatedOn": "2020-09-22T00:00:00+00:00",
"ZoneId": "zone-28569s6od5na",
"AliasName": "bbb.test.com",
"ForbidMode": 0
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifyAliasDomain

Last updated：2024-05-29 14:56:03

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAliasDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
AliasName	Yes	String	The alias domain name.
TargetName	Yes	String	The target domain name.
CertType	No	String	Certificate configuration. Values: • `none` : Off • `hosting` : Managed SSL certificate • `apply` : Free certificate The original configuration will apply if this field is not specified.

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CertId.N	No	Array of String	The certificate ID. This field is required when `CertType=hosting`.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an alias domain name

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAliasDomain
<Common request parameters>

{
"TargetName": "bbb.example.com",
"AliasName": "eo.test.com",
"CertType": "none",
"ZoneId": "zone-28569s6od5na"
}
```

Output Example

```
{
"Response": {
"RequestId": "6d1efe51-b951-498e-9b10-755906835e87"
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter.CertNotMatchDomain	Mismatch between the HTTPS certificate and the domain name.
OperationDenied	Operation denied.

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ModifyAliasDomainStatus

Last updated：2024-05-29 14:56:03

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify the status of an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAliasDomainStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
Paused	Yes	Boolean	Status of the alias domain name. Values: • `false` : Enable the alias domain name. • `true` : Disable the alias domain name.
AliasNames.N	No	Array of String	The alias domain name you want to modify its status. If it is left empty, the modify operation is not performed.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the status of an alias domain name

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyAliasDomainStatus
<Common request parameters>

{
"ZoneId": "zone-28569s6od5na",
"AliasNames": [
"eo.test.com"
],
"Paused": true
}
```

Output Example

```
{
"Response": {
"RequestId": "114327ee-463c-4ee4-83f6-82e9a44bd81d"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.

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DeleteAliasDomain

Last updated：2024-05-29 14:56:04

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete an alias domain name.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteAliasDomain.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
AliasNames.N	No	Array of String	The alias domain name to be deleted. If it is left empty, the delete operation is not performed.

3. Output Parameters

Parameter Name	Type	Description

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 S

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteAliasDomain
<Common request parameters>

{
"ZoneId": "zone-28569s6od5na",
"AliasNames": [
"eo.test.com"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "28ec90d3-7af9-460c-bb1a-dd9cf4d8c785"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.

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Security Configuration APIs
CreateSecurityIPGroup

Last updated：2024-05-29 14:55:47

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a security IP group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateSecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
IPGroup	Yes	IPGroup	IP group information.

3. Output Parameters

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Parameter Name	Type	Description
GroupId	Integer	IP group ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a security IP group

This example shows you how to create a security IP group.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateSecurityIPGroup
<Common request parameters>

{
"IPGroup": {
"GroupId": 0,
"Name": "testip",
"Content": [
"2.2.2.2"
]
},
"ZoneId": "zone-j94jf0a1"
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669",
"GroupId": 128
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.Security	Invalid parameter.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeSecurityIPGroup

Last updated：2024-06-05 14:41:07

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the configuration information of a security IP group, including the ID, name, and content of the security IP group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeSecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID, used to specify the scope of the queried site.
GroupIds.N	No	Array of Integer	Specifies the ID of a security IP group. • When this parameter is provided, only the configuration of the security IP group with the specified ID is queried. • When this parameter is not provided, information of all security IP groups under the site is returned.

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3. Output Parameters

Parameter Name	Type	Description
IPGroups	Array of IPGroup	Detailed configuration information of security IP groups, including the ID, name, and IP/IP range list information of each security IP group.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the configuration information of security IP groups

This example shows you how to query the configuration information of security IP groups in a specified site.

Input Example

```
POST / HTTP/1.1
Host: xxx.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeInstances
<Common request parameters>

{
"ZoneId": "zone-nqicqhasui"
}
```

Output Example

```
{
"Response": {
"IPGroups": [
{
"GroupId": 123,
"Name": "ExampleIpGroup",
"Content": [
"2.2.2.2",
"23.23.23.0/24"
]
}
```

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```
],
"RequestId": "ddf831fc-cf45-40fe-81b0-2d9cdd4c1bd6"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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ModifySecurityIPGroup

Last updated：2024-05-29 14:55:46

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify a security IP group.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifySecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
IPGroup	Yes	IPGroup	IP group configuration.
Mode	Yes	String	Operation type. Valid values: • `append` : Add information of `Content` to `IPGroup` ; • `remove` : Delete information of `Content` from `IPGroup` ; • `update` : Replace all information of `IPGroup` and modify the IPGroup name.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a security IP group with the operation "append"

This example shows you how to modify a security IP group with the operation "append".

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityIPGroup
<Common request parameters>

{
"IPGroup": {
"GroupId": 67,
"Name": "test3",
"Content": [
"1.3.1.1/16",
"6.6.6.6"
]
},
"Mode": "append",
"ZoneId": "zone-hduqwh"
}
```

Output Example

```
{
"Response": {
"RequestId": "728cb059-8595-44c7-b6c6-b4a539ae823f"
}
}
```

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Example2 Modifying a security IP group with the operation "remove"

This example shows you how to modify a security IP group with the operation "remove".

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityIPGroup
<Common request parameters>

{
"IPGroup": {
"GroupId": 67,
"Name": "test3",
"Content": [
"1.3.1.1/16",
"6.6.6.6"
]
},
"Mode": "remove",
"ZoneId": "zone-hduqwh"
}
```

Output Example

```
{
"Response": {
"RequestId": "5bdc699c-68df-4cb7-9d0a-1c174b0374ad"
}
}
```

Example3 Modifying a security IP group with the operation "update"

This example shows you how to modify a security IP group with the operation "update".

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityIPGroup
<Common request parameters>
```

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```
{
"IPGroup": {
"GroupId": 67,
"Name": "test3",
"Content": [
"1.2.1.1/24",
"3.3.3.3"
]
},
"Mode": "update",
"ZoneId": "zone-hduqwh"
}
```

Output Example

```
{
"Response": {
"RequestId": "sh1u8a90-xxxx-49cd-swui-27cb34daa779"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.Security	Invalid parameter.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteSecurityIPGroup

Last updated：2024-05-29 14:55:47

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete a specified security IP group. Note that the security IP group cannot be deleted if it is referenced in a rule.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteSecurityIPGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
GroupId	Yes	Integer	IP group ID.

3. Output Parameters

Parameter	Type	Description

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Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a security IP group

This example shows you how to delete a security IP group.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteSecurityIPGroup
<Common request parameters>

{
"GroupId": 85,
"ZoneId": "zone-qdwibsa"
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.Security	Invalid parameter.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeOriginProtection

Last updated：2024-05-29 14:55:47

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the origin protection configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOriginProtection.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneIds.N	No	Array of String	Set of site IDs to be queried. This is a required parameter.
Filters.N	No	Array of Filter	Filter conditions. Each filter condition can have up to 20 entries. See below for details: • `need-update`: Whether **the intermediate IP update is needed for the site**. Type: String Required: No Values:

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			`true` : Update needed. `false` : Update not needed. • `plan-support` : Whether **origin protection is supported in the plan**. Type: String Required: No Values: `true` : Origin protection supported. `false` : Origin protection not supported.
Offset	No	Integer	Offset for paginated queries. Default value: 0.
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 1000.

3. Output Parameters

Parameter Name	Type	Description
OriginProtectionInfo	Array of OriginProtectionInfo	Origin protection configuration. Note: This field may return `null` , indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 The following example shows you how to query the origin protection configuration.

The following example shows you how to query the origin protection configuration.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOriginProtection
<Common request parameters>
```

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```
{
"ZoneIds": [
"zone-276zs184g93m"
],
"Filters": [
{
"Values": [
"true"
],
"Name": "need-update"
}
],
"Offset": 0,
"Limit": 20
}
```

Output Example

```
{
"Response": {
"RequestId": "de0a2b4f-df6d-4d2a-ac39-1706cbf8a797",
"OriginProtectionInfo": [
{
"ZoneId": "zone-276zs184g93m",
"Hosts": [
"www.qq.com"
],
"ProxyIds": [
"proxy-19389e5dwwxfs"
],
"CurrentIPWhitelist": {
"IPv4": [
"11.11.11.11/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
},
"NeedUpdate": true,
"Status": "online",
"PlanSupport": true,
"DiffIPWhitelist": {
"LatestIPWhitelist": {
"IPv4": [
"11.11.11.11/24",
```

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```
"22.22.22.22/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
},
"AddedIPWhitelist": {
"IPv4": [
"22.22.22.22/24"
],
"IPv6": []
},
"RemovedIPWhitelist": {
"IPv4": [],
"IPv6": []
},
"NoChangeIPWhitelist": {
"IPv4": [
"11.11.11.11/24"
],
"IPv6": [
"2001:980:7002:6::/64"
]
}
}
}
]
}
}
```


5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter	Parameter error.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribeSecurityTemplateBindings

Last updated：2024-05-29 14:55:46

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query bindings of a policy template.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeSecurityTemplateBindings.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to query
TemplateId.N	Yes	Array of String	ID of the policy template to query.

3. Output Parameters

Parameter Name	Type	Description

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SecurityTemplate	Array of SecurityTemplateBinding	Bindings of the specified policy template. When a domain name of a site is bound with the specified policy template, `TemplateScope` includes the `ZoneId` of the related site and the bindings of the domain name. Note: If the template is not bound with any domain name, and there is not any existing binding, `TemplateScope=0` is returned. In the binding list, the same domain name may appear repeatedly in the `EntityStatus` list with different `Status`. For example, when a domain name is being bound to another policy template, it's marked both `online` and `pending`.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying bindings of a policy template

This API returns all bindings of a policy template.

1. `Status=online` : The binding is taking effect.
2. `Status=pending` : The binding is establishing.
   Note: A domain name may appear multiple times in the bindings list with different status.

In this example, we query the bindings of the policy template `temp-fjsoelx` under the site example.com (site ID: zone-fdsjkfsda).

Note: The output contains completed and on-going bindings. The policy template is applied to these two domain names. `abc.example.com` is bound to the policy template specified by the request, and the policy runs normally. The binding status is `online`. `xyz.example.com` is being bound to another policy template. The new binding is not yet completed, and the current policy template is still valid. So it appears in both the `online` and `pending` list.

Input Example

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```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeSecurityTemplateBindings
<Common request parameters>

{
"ZoneId": "zone-fdsjjkfsda",
"TemplateId": [
"temp-fjsoelx"
]
}
```

Output Example

```
{
"Response": {
"SecurityTemplate": [
{
"TemplateId": "temp-fjsoelx",
"TemplateScope": [
{
"ZoneId": "zone-fdsjjkfsda",
"EntityStatus": [
{
"Entity": "abc.example.com",
"Status": "online",
"Message": ""
},
{
"Entity": "xyz.example.com",
"Status": "online",
"Message": ""
},
{
"Entity": "xyz.example.com",
"Status": "pending",
"Message": ""
}
]
}
]
}
],
"RequestId": "17d437bc-13a9-49bb-a6ac"
```

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```
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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ModifySecurityPolicy

Last updated：2024-05-29 14:55:45

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify the web and bot security configurations.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifySecurityPolicy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
SecurityConfig	Yes	SecurityConfig	Security configuration.
Entity	No	String	Subdomain/application name. Note: When both this parameter and the TemplateId parameter are specified, this parameter will not take effect. Do not specify this parameter and the TemplateId parameter at the same time.

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TemplateId	No	String	Specifies the policy template ID, or the site's global policy. - To configure a policy template, specify the policy template ID. - To configure the site's global policy, use the @ZoneLevel@Domain parameter value. Note: When this parameter is used, the Entity parameter will not take effect. Do not use this parameter and the Entity parameter at the same time.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the security configuration

This example shows you how to modify the L7 security configuration for the domain name "a.eotest.com".

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"Entity": "a.eotest.com",
"SecurityConfig": {
"WafConfig": {
"Switch": "on",
"WafRule": {
"Switch": "on",
"ObserveRuleIDs": [],
"BlockRuleIDs": [
```

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```
162502146
]
},
"Mode": "block",
"Level": "loose"
}
},
"ZoneId": "zone-fa89j239a"
}
```

Output Example

```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-2e6c481dae23"
}
}
```

Example2 Modifying an exception rule to allow specified fields

This example shows you how to skip WAF protection for all keys in the specified HTTP header.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"Entity": "*.eotest.com",
"SecurityConfig": {
"ExceptConfig": {
"Switch": "on",
"ExceptUserRules": [
{
"Action": "skip",
"ExceptUserRuleConditions": [
{
"MatchContent": "/skipwaf",
"MatchFrom": "cgi",
"MatchParam": "",
"Operator": "equal"
}
],
```

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```
"ExceptUserRuleScope": {
"Type": "partial",
"PartialModules": [
{
"Module": "waf",
"Include": [
106247778
]
}
],
"SkipConditions": [
{
"MatchContent": [],
"MatchContentType": "",
"MatchFrom": [],
"MatchFromType": "",
"Selector": "keys",
"Type": "header_fields"
}
]
},
"RuleID": 0,
"RuleName": "first_webshell",
"RulePriority": 0,
"RuleStatus": "on",
"UpdateTime": "2022-09-22T03:00:10Z"
}
]
}
},
"ZoneId": "zone-fa89j239a"
}
```


Output Example


```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-2e6c481dae44"
}
}
```


Example3 Modifying an exception rule to allow the key in the specified header

This example shows you how to skip WAF protection for the specified HTTP header's value.

Input Example

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```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifySecurityPolicy
<Common request parameters>

{
"Entity": "*.eotest.com",
"SecurityConfig": {
"ExceptConfig": {
"Switch": "on",
"ExceptUserRules": [
{
"Action": "skip",
"ExceptUserRuleConditions": [
{
"MatchContent": "/skipwaf",
"MatchFrom": "cgi",
"MatchParam": "",
"Operator": "equal"
}
],
"ExceptUserRuleScope": {
"Type": "partial",
"PartialModules": [
{
"Module": "waf",
"Include": [
106247778
]
}
],
"SkipConditions": [
{
"MatchContent": [],
"MatchContentType": "",
"MatchFrom": [
"YourSkipHeader"
],
"MatchFromType": "equal",
"Selector": "values",
"Type": "header_fields"
}
]
},
"RuleID": 0,
```

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```
"RuleName": "first_webshell",
"RulePriority": 0,
"RuleStatus": "on",
"UpdateTime": "2022-09-22T03:00:10Z"
}
]
}
},
"ZoneId": "zone-fa89j239a"
}
```

Output Example

```
{
"Response": {
"RequestId": "08b32010-ab25-42a4-b923-2e6c481dae66"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InvalidParameter.Security	Invalid parameter.
LimitExceeded.Security	Limit exceeded
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.
UnsupportedOperation	Unsupported operation.

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BindSecurityTemplateToEntity

Last updated：2024-05-29 14:55:48

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to bind/unbind a domain name to/from a specific policy template.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: BindSecurityTemplateToEntity.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID of the policy template to be bound to or unbound from.
Entities.N	Yes	Array of String	List of domain names to bind to/unbind from a policy template
Operate	Yes	String	Action options. Values include: • `bind` : Bind the domain names to the specified policy template • `unbind-keep-policy` : Unbind a domain name from a policy template and keep the current policy when unbinding • `unbind-use-default` : Unbind domain names from policy templates and use default blank policy.

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			Note: Only one domain name can be unbound at one time. When `Operate` is `unbind-keep-policy` or `unbind-use-default` , there can only be one domain name specified in `Entities` .
TemplateId	Yes	String	Specifies the ID of the policy template or the site's global policy to be bound or unbound. - To bind to a policy template, or unbind from it, specify the policy template ID. - To bind to the site's global policy, or unbind from it, use the @ZoneLevel@domain parameter value. Note: After unbinding, the domain name will use an independent policy and rule quota will be calculated separately. Please make sure there is sufficient rule quota before unbinding.
OverWrite	No	Boolean	Whether to replace the existing policy template bound with the domain name. Values: • `true` : Replace the template bound to the domain. • `false` : Do not replace the template. Note: In this case, the API returns an error if there is already a policy template bound to the specified domain name.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Unbinding a domain name from a policy template

In this example, we unbind the domain name `a.test.com` from the policy template `temp-cuwg1hki` of the site `zone-2aq0e8rhu6jx` . Only one domain name can be unbound at one time. There are two options:

1. `unbind-keep-policy` : Unbind the domain name from the specified policy and create a new policy for the domain name with the same configuration as the original one. This takes additional rule quota.

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2. `unbind-use-default` : Unbind the domain name from the specified policy and then bind it with the default policy with default configurations. Custom rules no longer take effect.

Note: To use `unbind-keep-policy` , make sure your rule quota is enough. If the remaining quota is insufficient, the unbinding fails and the domain name remains bound to the current policy template.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: OperateSecurityTemplate
<Common request parameters>

{
"ZoneId": "zone-2aq0e8rhu6jx",
"Entities": [
"a.test.com"
],
"TemplateId": "temp-cuwg1hki",
"Operate": "unbind-keep-policy"
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669"
}
}
```

Example2 Binding domain names to a policy template

In this example, we bind two domain names (a.test.com and b.example.com) to the policy template `temp-cuwg1hki` under the site `zone-2aq 0e8rhu6jx` .

Note: You need to have permissions to the related sites.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: OperateSecurityTemplate
```

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```
<Common request parameters>

{
"ZoneId": "zone-2aq0e8rhu6jx",
"Entities": [
"a.test.com",
"b.example.com"
],
"TemplateId": "temp-cuwg1hki",
"Operate": "bind",
"OverWrite": true
}
```

Output Example

```
{
"Response": {
"RequestId": "09ce3d28-1119-49cd-xxxx-27cb34dac669"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.Security	Invalid parameter.
OperationDenied	Operation denied.
ResourceInUse	The resource is occupied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation	Unsupported operation.

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DescribeSecurityIPGroupInfo

Last updated：2024-06-05 14:40:56

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

The API is deprecated and will be discontinued on June 30, 2024. Please use the API DescribeSecurityIPGroup .

This API is used to query the configuration information of an IP group, including the IP group name, IP group content, and the site the IP group belongs to.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeSecurityIPGroupInfo.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID, used to specify the query scope.
Limit	No	Integer	Maximum number of entries returned in a single response. Default value: 20. Maximum query entries: 1000.
Offset	No	Integer	The starting entry offset for pagination queries. The default value is 0.

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3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The number of IP groups that meet the conditions.
IPGroups	Array of IPGroup	Detailed configuration information of the IP group, including the ID, name, and IP/network segment list of each IP group.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the configuration information of an IP group

This example shows you how to query the IP group configuration information for the specified site, and return the content of the first page with 10 records per page.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeSecurityIPGroupInfo
<Common request parameters>

{
"ZoneId": "zone-20hyebgyfsko",
"Limit": 10,
"Offset": 0
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"IPGroups": [
{
"GroupId": 123,
```

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```
"Name": "ExampleIpGroup",
"Content": [
"123.123.123.0",
"23.23.23.0/24"
]
}
],
"RequestId": "5e5a0d0f-52f3-4bad-9bd3-dcf1d5c954e7"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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Layer 4 Application Proxy APIs
CreateL4Proxy

Last updated：2024-06-05 14:40:57

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create Layer 4 proxy instances.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateL4Proxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyName	Yes	String	Layer 4 proxy instance name. You can enter 1-50 characters. Valid characters are a-z, 0-9, and hyphens (-). However, hyphens (-) cannot be used individually or consecutively and should not be placed at the beginning or

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			end of the name. Modifications are not allowed after creation.
Area	Yes	String	Acceleration zone of the Layer 4 proxy instance. • mainland: Availability zone in the Chinese mainland; • overseas: Global availability zone (excluding the Chinese mainland); • global: Global availability zone.
Ipv6	No	String	Specifies whether to enable IPv6 access. The default value off is used if left empty. This configuration can only be enabled in certain acceleration zones and security protection configurations. For details, see Creating an L4 Proxy Instance. Valid values: • on: Enable; • off: Disable.
StaticIp	No	String	Specifies whether to enable the fixed IP address. The default value off is used if left empty. This configuration can only be enabled in certain acceleration zones and security protection configurations. For details, see Creating an L4 Proxy Instance. Valid values: • on: Enable; • off: Disable.
AccelerateMainland	No	String	Specifies whether to enable network optimization in the Chinese mainland. The default value off is used if left empty. This configuration can only be enabled in certain acceleration zones and security protection configurations. For details, see Creating an L4 Proxy Instance. Valid values: • on: Enable; • off: Disable.
DDosProtectionConfig	No	DDosProtectionConfig	Layer 3/Layer 4 DDoS protection. The default protection option of the platform will be used if it is left empty. For details, see Exclusive DDoS Protection Usage.

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3. Output Parameters

Parameter Name	Type	Description
ProxyId	String	Layer 4 instance ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a Layer 4 proxy instance with the acceleration zone of 'Availability Zone in the Chinese mainland'

This example shows you how to create a Layer 4 instance named 'test', with the acceleration zone of 'Availability zone in the Chinese mainland', under the zone with ZoneId 'zone-2jc2xy3hr7f7'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateL4Proxy
<Common Request Parameters>

{
"ProxyName": "test",
"ZoneId": "zone-2jc2xy3hr7f7",
"Area": "mainland"
}
```

Output Example

```
{
"Response": {
"ProxyId": "sid-2jc2hl2hr8f7",
"RequestId": "0se57a54-cc42-11ed-8efb-525401a961b1"
}
}
```

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Example2 Creating a Layer 4 proxy instance with the acceleration zone of 'Global Availability Zone (excluding Chinese mainland)' and exclusive DDoS protection enabled

This example shows you how to create a Layer 4 instance named 'test', with the acceleration zone of 'Global availability zone (excluding the Chinese mainland)', and exclusive DDoS protection enabled under the zone with ZoneId 'zone-2jc2xy3hr7f7', to provide full protection within the acceleration zone.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateL4Proxy
<Common Request Parameters>

{
"ZoneId": "zone-2jc2xy3hr7f7",
"ProxyName": "test",
"Area": "overseas",
"DDosProtectionConfig": {
"LevelOverseas": "ANYCAST_ALLIN"
}
}
```

Output Example

```
{
"Response": {
"ProxyId": "sid-2jc2hl2hr8f7",
"RequestId": "0se57a54-cc42-11ed-8efb-525401a961b1"
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.ProxyNameDuplicating	The instance name already exists.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-border acceleration and IPv6 cannot be configured at the same time.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.Ipv6AdvancedConflict	Exclusive DDoS protection conflicts with IPv6. They cannot be configured at the same time.
OperationDenied.Ipv6StaticIpConflict	The IPv6 feature and static IP cannot be enabled at the same time.
OperationDenied.L4LackOfResources	The layer-4 instance resource sales are skyrocketing and now the resources are sold out. Replenishing is in progress. Currently, new layer-4 proxies cannot be added. Please wait.
OperationDenied.MsgIpv6AdvancedConflict	IPv6 cannot be enabled for non-overseas exclusive protection.

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OperationDenied.StaticIpAreaConflict	The static IP cannot be enabled for this instance's region.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyL4Proxy

Last updated：2024-04-09 10:25:52

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify the configuration of a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4Proxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Application ID.
Ipv6	No	String	Specifies whether to enable IPv6 access. If this parameter is not filled, this configuration will not be modified. This configuration can only be enabled in certain acceleration zones and security protection configurations. For details, see [Creating an L4 Proxy Instance](https://intl.cloud.tencent.com/document/product/1552/90025?from_cn_redirect=1). Valid values: • on: Enable;

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			• off: Disable.
AccelerateMainland	No	String	Specifies whether to enable network optimization in the Chinese mainland. If this parameter is not filled, this configuration will not be modified. This configuration can only be enabled in certain acceleration zones and security protection configurations. For details, see [Creating an L4 Proxy Instance] (https://intl.cloud.tencent.com/document/product/1552/90025?from_cn_redirect=1). Valid values: • on: Enable; • off: Disable.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying IPv6 access configuration

This example shows you how to enable IPv6 access for the Layer 4 proxy instance with ZoneId 'zone-24wjy25v1cwi' and ProxyId 'sid-2qwk27xf7j9g'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4Proxy
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
```

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```
"Ipv6": "on"
}
```

Output Example

```
{
"Response": {
"RequestId": "fbdb42f0-6a1e-4d397783c36csdf"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandDisable	Cross-MLC-border acceleration is in beta. To join the beta, submit a ticket.

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OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4LackOfResources	The layer-4 instance resource sales are skyrocketing and now the resources are sold out. Replenishing is in progress. Currently, new layer-4 proxies cannot be added. Please wait.
OperationDenied.L4ProxyInOfflineStatus	The Layer 4 channel is closed and rule addition is disallowed.
OperationDenied.L4ProxyInProcessStatus	The instance is currently in deployment and cannot be operated.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyL4ProxyStatus

Last updated：2024-04-09 10:25:50

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to enable or disable a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4ProxyStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
Status	Yes	String	Layer 4 proxy instance status. Valid values: • online: Enabled; • offline: Disabled.

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Enabling a Layer 4 proxy instance

This example shows you how to enable the Layer 4 proxy instance with ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4ProxyStatus
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"Status": "online"
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5258-cdda-4f82-b7sc-0aef4a219244"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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DescribeL4Proxy

Last updated：2024-04-09 10:25:56

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query a Layer 4 proxy instance list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeL4Proxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the zone where the Layer 4 proxy instance belongs.
Offset	No	Integer	Paginated query offset. Defaults to 0 when not specified.
Limit	No	Integer	Paginated query limit. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of Filter	Filter criteria. The upper limit for Filters.Values is 20. If left empty, all Layer 4 proxy instance information under the current zone ID is returned. The detailed filter criteria are as follows: • proxy-id: Filters by Layer 4 proxy instance ID; • ddos-protection-type: Filters by security protection type;

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3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The number of Layer 4 proxy instances.
L4Proxies	Array of L4Proxy	List of Layer 4 proxy instances.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of Layer 4 proxy instances under a zone

This example shows you how to query the list of Layer 4 proxy instances under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeL4Proxy
<Common Request Parameters>

{
"Offset": 1,
"Limit": 10,
"Filters": [],
"ZoneId": "zone-24wjy25v1cwi"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"L4Proxies": [
{
```

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```
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"ProxyName": "test",
"Area": "mainland",
"Cname": "test.24wjy25v1cwi.eo.dnse5.com",
"Ips": [],
"Status": "online",
"Ipv6": "off",
"StaticIp": "off",
"AccelerateMainland": "off",
"UpdateTime": "2023-09-22T15:31:04+00:00"
}
],
"RequestId": "6f8h5258-cdda-4f82-b7sc-0aef4a219244"
}
}
```


5. Developer Resources

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

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Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteL4Proxy

Last updated：2024-04-09 10:25:58

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteL4Proxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

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		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a Layer 4 proxy instance

This example shows you how to delete a Layer 4 proxy instance with ZoneId as 'zone-24wjy25v1cwi' and ProxyId as 'sid-2qwk27xf7j9g'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteL4Proxy
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g"
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5258-cdda-4f82-b7sc-0aef4a219244"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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CreateL4ProxyRules

Last updated：2024-04-09 10:26:00

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create Layer 4 proxy instance rules, supporting both individual and batch creation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
L4ProxyRules.N	Yes	Array of L4ProxyRule	List of forwarding rules. A single request supports up to 200 forwarding rules. Note: When L4ProxyRule is used here, Protocol, PortRange, OriginType, OriginValue, and OriginPortRange are required fields; ClientIPPassThroughMode, SessionPersist, SessionPersistTime, and RuleTag are optional fields; do not fill in RuleId and Status.

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3. Output Parameters

Parameter Name	Type	Description
L4ProxyRuleIds	Array of String	IDs of newly added forwarding rules, returned as an array.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a Layer 4 proxy forwarding rule

This example shows you how to create a forwarding rule in the instance with ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateL4ProxyRules
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"L4ProxyRules": [
{
"Protocol": "TCP",
"PortRange": [
"80"
],
"OriginType": "IP_DOMAIN",
"OriginValue": [
"119.23.100.45"
],
"OriginPortRange": "90",
```

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```
"ClientIPPassThroughMode": "TOA",
"SessionPersist": "on",
"SessionPersistTime": 3600,
"RuleTag": "test"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5358-df6d-4d2a-ac39-1706cbf8a707",
"L4ProxyRuleIds": [
"rule-2qzkbvx3hxl1"
]
}
}
```

5. Developer Resources

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Command Line Interface

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6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidOriginValue	The origin server is incorrect or inexistent.
InvalidParameter.RulePortDuplicating	The rule port already exists.
LimitExceeded.ProxyRulesLimitExceeded	The number of rules imported has exceeded the limit.
OperationDenied	Operation denied.
OperationDenied.L4PortLackOfResources	The sale of Layer 4 port resources is booming and they have been sold out. We are urgently restocking. At present, it is not possible to add new Layer 4 proxies or rules, and we kindly ask for your patience.
ResourceNotFound	The resource doesn't exist.

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ModifyL4ProxyRules

Last updated：2024-04-09 10:25:52

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify Layer 4 proxy forwarding rules, supporting both individual and batch modification.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
L4ProxyRules.N	Yes	Array of L4ProxyRule	List of forwarding rules. A single request supports up to 200 forwarding rules. Note: When L4ProxyRule is used here, RuleId is a required field; Protocol, PortRange, OriginType, OriginValue, OriginPortRange, ClientIPPassThroughMode, SessionPersist, SessionPersistTime, and RuleTag are all

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			optional fields. No modification is made when no value is specified for those fields. Status should not be filled.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying Layer 4 proxy forwarding rules

This example shows you how to modify the RuleTag of the rule with RuleId 'rule-2qzkbvx3hxl7' in ProxyId 'sid-2qwk27xf7j9g' of ZoneId 'zone-24wjy25v1cwi' as 'service-1', Protocol as 'TCP', and ClientIPPassThroughMode as 'TOA'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4ProxyRules
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"L4ProxyRules": [
{
"RuleId": "rule-2qzkbvx3hxl7",
"RuleTag": "service-1",
"Protocol": "TCP",
"ClientIPPassThroughMode": "TOA"
}
]
}
```

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Output Example

```
{
"Response": {
"RequestId": "3df3e931-3119-4237-adc7-7604e01e0fa9"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.

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OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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ModifyL4ProxyRulesStatus

Last updated：2024-04-09 10:25:51

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to start or stop Layer 4 proxy forwarding rules, supporting both individual and batch operation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyL4ProxyRulesStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
RuleIds.N	Yes	Array of String	List of forwarding rule IDs. It supports up to 200 forwarding rules at a time.
Status	Yes	String	Status of forwarding rules. Valid values: • online: Enabled; • offline: Disabled.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying Layer 4 proxy forwarding rule status in batches

This example shows you how to disable all rules with RuleId 'rule-2qzkbvx3hxl7' and 'rule-3pszkbox0hm1' in ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyL4ProxyRulesStatus
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"RuleIds": [
"rule-2qzkbvx3hxl7",
"rule-3pszkbox0hm1"
],
"Status": "offline"
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5358-3159-4337-adc7-7604e01e0fa9"
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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DescribeL4ProxyRules

Last updated：2024-04-09 10:25:56

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the forwarding rule list under a Layer 4 proxy instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
Offset	Yes	Integer	Paginated query offset. Defaults to 0 when not specified.
Limit	Yes	Integer	Paginated query limit. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of Filter	Filter criteria. The upper limit for Filters.Values is 20. All rule information under the current Layer 4 instance will be returned if left empty. The detailed filter criteria are as follows:

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			• rule-tag: Filters rules under the Layer 4 proxy instance according to rule tag.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The total count of forwarding rules.
L4ProxyRules	Array of L4ProxyRule	List of forwarding rules.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying a Layer 4 proxy instance forwarding rule list

This example shows you how to query the list of forwarding rules with ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi'.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeL4ProxyRules
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"Offset": 1,
"Limit": 0
}
```

Output Example

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```
{
"Response": {
"TotalCount": 1,
"L4ProxyRules": [
{
"RuleId": "rule-2qzkbvx3hxl1",
"Protocol": "TCP",
"PortRange": [
"80"
],
"OriginType": "IP_DOMAIN",
"OriginValue": [
"119.23.100.45"
],
"OriginPortRange": "90",
"ClientIPPassThroughMode": "TOA",
"SessionPersist": "on",
"SessionPersistTime": 3600,
"RuleTag": "test",
"Status": "online"
}
],
"RequestId": "6f8h5358-cdda-4f82-b7sc-0aef4a219244"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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DeleteL4ProxyRules

Last updated：2024-04-09 10:25:58

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete Layer 4 proxy forwarding rules, supporting both individual and batch operation.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteL4ProxyRules.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
ProxyId	Yes	String	Layer 4 proxy instance ID.
RuleIds.N	Yes	Array of String	List of forwarding rule IDs. It supports up to 200 forwarding rules at a time.

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting Layer 4 proxy forwarding rules in batches

This example shows you how to delete the rules with RuleId 'rule-2qzkbvx3hxl7' and 'rule-3pszkbox0hm1' in ProxyId 'sid-2qwk27xf7j9g' under the zone with ZoneId 'zone-24wjy25v1cwi' in batches.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteL4ProxyRules
<Common Request Parameters>

{
"ZoneId": "zone-24wjy25v1cwi",
"ProxyId": "sid-2qwk27xf7j9g",
"RuleIds": [
"rule-2qzkbvx3hxl7",
"rule-3pszkbox0hm1"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6f8h5358-3159-4337-adc7-7604e01e0fa9"
}
}
```

5. Developer Resources

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SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation	Unsupported operation.

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CreateApplicationProxy

Last updated：2024-04-09 10:26:02

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version [CreateL4Proxy](https://intl.cloud.tencent.com/document/product/1552/103417?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateApplicationProxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
ProxyName	Yes	String	Domain name or subdomain name when `ProxyType=hostname`; Instance name when `ProxyType=instance`.
PlatType	Yes	String	The scheduling mode. Values:

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			• `ip` : Schedule via Anycast IP. • `domain` : Schedule via CNAME.
SecurityType	Yes	Integer	Whether to enable security protection. Values: • `0` : Disable security protection. • `1` : Enable security protection.
AccelerateType	Yes	Integer	Whether to enable acceleration. Values: • `0` : Disable acceleration. • `1` : Enable acceleration.
ProxyType	No	String	Layer 4 proxy mode, with value: • instance: instance mode. If not specified, the default value instance will be used.
SessionPersistTime	No	Integer	The session persistence duration. Value range: 30-3600 (in seconds). If not specified, this field uses the default value 600.
Ipv6	No	Ipv6	Ipv6 access configuration. IPv6 access is disabled if it is not specified.
ApplicationProxyRules.N	No	Array of ApplicationProxyRule	The rule details. If this field is not specified, an application proxy rule will not be created.
AccelerateMainland	No	AccelerateMainland	Cross-MLC-border acceleration. It is disabled if this parameter is not specified.

3. Output Parameters

Parameter Name	Type	Description
ProxyId	String	The L4 application proxy ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

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4. Example

Example1 Creating an application proxy

This example shows you how to create an application proxy.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateApplicationProxy
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ProxyName": "instancd-name",
"ProxyType": "instance",
"PlatType": "ip",
"SecurityType": 1,
"AccelerateType": 1,
"SessionPersistTime": 3600,
"Ipv6": {
"Switch": "on"
},
"ApplicationProxyRules": [
{
"Proto": "TCP",
"Port": [
"80",
"90",
"99-110"
],
"OriginType": "custom",
"OriginValue": [
"1.1.1.1:80"
]
},
{
"Proto": "UDP",
"Port": [
"999",
"888",
"99-110"
],
"OriginType": "custom",
```

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```
"OriginValue": [
"1.1.1.1:80",
"2.2.2.2:80"
]
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707",
"ProxyId": "proxy-537f5b41-162a-11ed-abaa-525400c5da15"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

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Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.ProxyNameDuplicating	The instance name already exists.
InvalidParameter.ProxyNameNotMatched	Instance name can contain 1 to 50 characters. The allowed characters are a to z, 0 to 9, and -. - cannot be registered alone or used continuously and cannot be placed at the beginning or the end.
LimitExceeded	The quota limit has been reached.
LimitExceeded.UserQuotaLimited	User instance quantity limitation.
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.PlatTypeIPAccelerateMainlandNotSupport	This site is using Anycast IP scheduling mode and does not support Cross-MLC-border acceleration.
OperationDenied.ZoneNotActive	The zone is disabled.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource doesn’t exist.

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ModifyApplicationProxy

Last updated：2024-04-09 10:25:55

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4Proxy
] (https://intl.cloud.tencent.com/document/product/1552/103411?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID.
ProxyId	Yes	String	Proxy ID.
ProxyName	Yes	String	Domain name or subdomain name when `ProxyType=hostname` ; Instance name when `ProxyType=instance` .

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SessionPersistTime	No	Integer	The session persistence duration. Value range: 30-3600 (in seconds). The original configuration will apply if this field is not specified.
ProxyType	No	String	L4 proxy mode. Valid values: • instance: Instance mode. If it is not specified, instance is used by default.
Ipv6	No	Ipv6	IPv6 access configuration. The original configuration will apply if it is not specified.
AccelerateMainland	No	AccelerateMainland	Cross-MLC-border acceleration. The original configuration will apply if it is not specified.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modify Application Proxy

Modify the application proxy.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxy
<Common request parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ProxyId": "proxy-537f5b41-162a-11ed-abaa-525400c5da15",
"ProxyName": "ssss",
"ProxyType": "instance",
```

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```
"SessionPersistTime": 3600,
"Ipv6": {
"Switch": "on"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "b03fe5dd-be04-444c-a2e1-49f1bf2f399a"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

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InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4LackOfResources	The layer-4 instance resource sales are skyrocketing and now the resources are sold out. Replenishing is in progress. Currently, new layer-4 proxies cannot be added. Please wait.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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ModifyApplicationProxyStatus

Last updated：2024-04-09 10:25:53

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4ProxyStatus] (https://intl.cloud.tencent.com/document/product/1552/103408?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxyStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
Status	Yes	String	The proxy status. Values: • `offline` : The proxy is disabled. • `online` : The proxy is enabled.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the status of an application proxy

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxyStatus
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"Status": "online"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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DescribeApplicationProxies

Last updated：2024-04-09 10:25:57

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. In the latest version, this API has been split into two APIs: one for querying the Layer 4 proxy instance list and the other for querying Layer 4 forwarding rules. For details, see [DescribeL4Proxy] (https://intl.cloud.tencent.com/document/product/1552/103413?from_cn_redirect=1) and [DescribeL4ProxyRules] (https://intl.cloud.tencent.com/document/product/1552/103412?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeApplicationProxies.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	Zone ID. This parameter is required.
Filters.N	No	Array of Filter	Filters. Each filter can have up to 20 entries. Details: • proxy-id Filter by the **Proxy ID**, such as: `proxy-ev2sawbwfd` .

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			Type: String Required: No • zone-id Filter by the **Site ID**, such as `zone-vawer2vadg` . Type: String Required: No • rule-tag Filter by the **Rule tag**, such as `rule-service-1` . Type: String Required: No
Offset	No	Integer	The paginated query offset. Default value: 0
Limit	No	Integer	The paginated query limit. Default value: 20. Maximum value: 1000.

3. Output Parameters

Parameter Name	Type	Description
ApplicationProxies	Array of ApplicationProxy	List of application proxies.
TotalCount	Integer	Total number of records.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of application proxies

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeApplicationProxies
<Common request parameters>
```

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```
{
"Offset": 0,
"Limit": 10
}
```

Output Example


```
{
"Response": {
"RequestId": "a84ae15a-aca5-4c24-a4f4-c419cf2c18af",
"ApplicationProxies": [
{
"HostId": "",
"ProxyType": "instance",
"Area": "mainland",
"AccelerateType": 1,
"SessionPersistTime": 100,
"PlatType": "domain",
"ProxyId": "proxy-34c74aa7-9a9f-11ec-bcb0-52540015711d",
"ProxyName": "zone-f835533b8998f",
"ZoneId": "zone-21xfqlh4qjee",
"ZoneName": "123.com",
"ApplicationProxyRules": [
{
"OriginType": "custom",
"OriginValue": [
"81.69.174.153:80"
],
"Port": [
"80"
],
"OriginPort": "8080",
"SessionPersistTime": 100,
"Proto": "TCP",
"Status": "online",
"ForwardClientIp": "off",
"SessionPersist": true,
"RuleId": "rule-34c74ab8-9a9f-11ec-bcb0-52540015711d",
"RuleTag": "rule-for-cgi"
},
{
"OriginType": "custom",
"OriginValue": [
"81.69.174.153:553"
],
"Port": [
```


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```
"553"
],
"Proto": "UDP",
"Status": "online",
"ForwardClientIp": "off",
"SessionPersist": true,
"OriginPort": "8080",
"SessionPersistTime": 100,
"RuleId": "rule-4bc1d3d6-9aa0-11ec-bcb0-52540015711d",
"RuleTag": "rule-for-logic"
}
],
"AccelerateMainland": {
"Switch": "off"
},
"ScheduleValue": [],
"SecurityType": 1,
"Ipv6": {
"Switch": "on"
},
"Status": "progress",
"BanStatus": "recover",
"UpdateTime": "2022-03-03T06:06:10Z"
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
OperationDenied	Operation denied.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteApplicationProxy

Last updated：2024-04-09 10:26:00

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [DeleteL4Proxy] (https://intl.cloud.tencent.com/document/product/1552/103415?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteApplicationProxy.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.

3. Output Parameters

Parameter	Type	Description

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Name		
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting an application proxy

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteApplicationProxy
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
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- Tencent Cloud SDK 3.0 for PHP

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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CreateApplicationProxyRule

Last updated：2024-04-09 10:26:02

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [CreateL4ProxyRules] (https://intl.cloud.tencent.com/document/product/1552/103416?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateApplicationProxyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
Proto	Yes	String	The protocol. Values: • `TCP` : TCP protocol • `UDP` : UDP protocol
Port.N	Yes	Array of String	The access port, which can be: • A single port, such as 80 • A port range, such as 81-90

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OriginType	Yes	String	Origin server type. Valid values: • custom: Manually added; • loadbalancer: Cloud Load Balancer; • origins: Origin server group.
OriginValue.N	Yes	Array of String	Details of the origin server: • When OriginType is custom, it indicates one or more origin servers, such as ["8.8.8.8","9.9.9.9"] or OriginValue= ["test.com"]; • When OriginType is loadbalancer, it indicates a single Cloud Load Balancer, such as ["lb-xdffsfasdfs"]; • When OriginType is origins, it requires one and only one element, which represents an origin server group ID, such as ["origin-537f5b41-162a-11ed-abaa-525400c5da15"].
ForwardClientIp	No	String	Passes the client IP. Values: • `TOA` : Pass the client IP via TOA (available only when `Proto=TCP`). • `PPV1` : Pass the client IP via Proxy Protocol V1 (available only when `Proto=TCP`). • `PPV2` : Pass the client IP via Proxy Protocol V2. • `OFF` : Not pass the client IP. Default value: OFF.
SessionPersist	No	Boolean	Whether to enable session persistence. Values: • `true` : Enable. • `false` : Disable. Default value: false.
SessionPersistTime	No	Integer	Duration for the persistent session. The value takes effect only when `SessionPersist = true` .
OriginPort	No	String	The origin port, which can be: • A single port, such as 80 • A port range, such as 81-82
RuleTag	No	String	Rule tag. This parameter is left empty by default.

3. Output Parameters

Parameter Name	Type	Description

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RuleId	String	The rule ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an application proxy rule

This example shows you how to create an application proxy rule.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateApplicationProxyRule
<Common Request Parameters>

{
"ZoneId": "zone-21xfqlh4qjee",
"ProxyId": "proxy-19389e5dwwxfs",
"Proto": "TCP",
"Port": [
"99-110"
],
"OriginType": "custom",
"OriginValue": [
"1.1.1.1"
],
"OriginPort": "99-110",
"ForwardClientIp": "TOA",
"SessionPersist": false,
"RuleTag": "rule-service-1"
}
```

Output Example

```
{
"Response": {
"RequestId": "3df3e931-3159-4337-adc7-7604e01e0fa9",
"RuleId": "rule-a8f0d49a-33d7-11ed-9b89-52540005c111"
```

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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.InvalidRuleProto	Incorrect protocol of the rules. (TCP/UDP).
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.RuleOriginFormatError	Incorrect origin server information format of the rules.

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InvalidParameter.RuleOriginMultiDomain	The origin of the rule does not support multiple domain names.
InvalidParameter.RuleOriginPortInteger	The origin port of the rule must be an integer.
InvalidParameter.RuleOriginValueError	Invalid origin in the rule.
InvalidParameter.RulePortDuplicating	The rule port already exists.
InvalidParameter.RulePortGroup	Incorrect port number segment of the rules.
InvalidParameter.RulePortInteger	The port number of the rules must be an integer.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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ModifyApplicationProxyRule

Last updated：2024-04-09 10:25:54

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4ProxyRules] (https://intl.cloud.tencent.com/document/product/1552/103410?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
RuleId	Yes	String	The rule ID.
OriginType	Yes	String	Origin server type. Valid values: • custom: Manually added; • origins: Origin server group.
Port.N	Yes	Array of	The access port, which can be:

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		String	• A single port, such as 80 • A port range, such as 81-90
Proto	No	String	The protocol. Values: • `TCP` : TCP protocol • `UDP` : UDP protocol The original configuration will apply if this field is not specified.
OriginValue.N	No	Array of String	Origin server information: • When `OriginType=custom` , it indicates one or more origin servers, such as ["8.8.8.8","9.9.9.9"] or ["test.com"]. • When `OriginType=origins` , it indicates an origin group ID, such as ["origin-537f5b41-162a-11ed-abaa-525400c5da15"]. The original configuration will apply if this field is not specified.
ForwardClientIp	No	String	Passes the client IP. Values: • `TOA` : Pass the client IP via TOA (available only when `Proto=TCP`). • `PPV1` : Pass the client IP via Proxy Protocol V1 (available only when `Proto=TCP`). • `PPV2` : Pass the client IP via Proxy Protocol V2. • `OFF` : Not pass the client IP. If not specified, this field uses the default value OFF.
SessionPersist	No	Boolean	Whether to enable session persistence. Values: • `true` : Enable • `false` : Disable If it is left empty, the default value `false` is used.
SessionPersistTime	No	Integer	Duration for the persistent session. The value takes effect only when `SessionPersist = true` .
OriginPort	No	String	The origin port, which can be: • A single port, such as 80 • A port range, such as 81-82
RuleTag	No	String	Rule tag. The original configuration will apply if it is not specified.

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying an application proxy rule

This example shows you how to modify an application proxy rule.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxyRule
<Common Request Parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"RuleId": "rule-5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707",
"Proto": "TCP",
"Port": [
"99-110"
],
"OriginType": "custom",
"OriginValue": [
"1.1.1.1"
],
"OriginPort": "99-110",
"ForwardClientIp": "TOA",
"SessionPersist": false,
"RuleTag": "rule-service-1"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
```

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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn’t exist.

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ModifyApplicationProxyRuleStatus

Last updated：2024-04-09 10:25:54

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [ModifyL4ProxyRulesStatus
] (https://intl.cloud.tencent.com/document/product/1552/103409?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyApplicationProxyRuleStatus.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
RuleId	Yes	String	The rule ID.
Status	Yes	String	The rule status. Values: • `offline` : Disabled

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			• `online` : Enabled

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying the status of an application proxy rule

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyApplicationProxyRuleStatus
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"RuleId": "rule-19389e5a-118b-11ed-9951-525400655ede",
"Status": "offline"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

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SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.L4ProxyInBannedStatus	Operation failed: The L4 proxy is blocked.
ResourceNotFound	The resource doesn't exist.

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DeleteApplicationProxyRule

Last updated：2024-04-09 10:25:59

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is on an earlier version. If you want to call it, please switch to the latest version. For details, see [DeleteL4ProxyRules] (https://intl.cloud.tencent.com/document/product/1552/103414?from_cn_redirect=1).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteApplicationProxyRule.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	The site ID.
ProxyId	Yes	String	The proxy ID.
RuleId	Yes	String	The rule ID.

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting an application proxy rule

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteApplicationProxyRule
<Common request parameters>

{
"ZoneId": "zone-276zs184g93m",
"ProxyId": "proxy-19389e5dwwxfs",
"RuleId": "rule-19389e5a-118b-11ed-9951-525400655ede"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a707"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnsupportedOperation	Unsupported operation.

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Content Management APIs
CreatePurgeTask

Last updated：2024-06-05 14:40:58

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

When there are resources updated on the origin with the TTL remaining valid, users cannot access the latest resources. In this case, you can purge the cache using this API. There are two methods:

- Delete: This method deletes the node cache without verification and retrieves the latest resources from the origin when receiving a request.
- Invalidate: This method marks the node cache as invalid and sends a request with the If-None-Match and If-Modified-Since headers to the origin. If the origin responses with 200, the latest resources are retrieved to be cached on the node. If a 304 response is returned, the latest resources are not cached on the node.

For more details, see [Cache Purge](https://intl.cloud.tencent.com/document/product/1552/70759?from_cn_redirect=1).
A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePurgeTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.

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Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.
Type	Yes	String	Type of cache purging. Values: • `purge_url` : Purge by the URL • `purge_prefix` : Purge by the directory • `purge_host` : Purge by the hostname • `purge_all` : Purge all caches • `purge_cache_tag` : Purge by the cache-tag For more details, see Cache Purge.
Method	No	String	Node cache purge method, valid for directory, hostname, and all cache refreshes. Valid values: • invalidate: Refreshes only resources that were updated under the directory; • delete: Refreshes all node resources, regardless of whether they were updated. Default value: invalidate.
Targets.N	No	Array of String	List of resources for which cache is to be purged. Each element format depends on the cache purge type and you can refer to the API examples for details. • The number of tasks that can be submitted at a time is limited by the quota of a billing package. For details, see [Billing Overview](https://intl.cloud.tencent.com/document/product/1552/77380?from_cn_redirect=1).
CacheTag	No	CacheTag	The information attached when the node cache purge type is set to purge_cache_tag.

3. Output Parameters

Parameter Name	Type	Description
JobId	String	ID of the task.
FailedList	Array of FailReason	List of failed tasks and reasons. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

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4. Example

Example1 Purging by the URL

By using Delete method, resources under a URL that matches the specified hostname are removed.

This example shows you how to purge resources in the directory /a.txt under the site domain www.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"http://www.example.com/a.txt"
],
"Type": "purge_url",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwch",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example2 Purging by the hostname

By using Invalidate method, resources under a domain name that matches the specified hostname are marked as invalid.

This example shows you how to purge resources changed under the site domain www.example.com.

- Note: Domain names cannot include wildcards (*).

Input Example

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```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"www.example.com"
],
"Type": "purge_host",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcs",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example3 Purging by the Cache-Tag

By using Invalidate method, resources under a site are associated with tags in the HTTP response header Cache-Tag and marked as invalid.

This example shows you how to purge resources that contain tag1, tag2 and tag3 and have changed under the site example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"tag1",
"tag2",
"tag3"
```

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```
],
"Type": "purge_cache_tag",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcs",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example4 Purging all caches under a site

By using Invalidate method, all cached resources under a site are marked as invalid.

This example shows you how to purge all cached resources changed under the site example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Type": "purge_all",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcs",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example5 Purging by the directory – Deleting resources in the directory

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To purge all resources under a directory, pass `delete` into the Method field.

This example shows you how to purge all resources in the /test directory under www.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>

{
"Targets": [
"http://www.example.com/test/"
],
"Type": "purge_prefix",
"Method": "delete",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwck",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

Example6 Only purging resources updated in the directory

To purge the resources updated under a directory, pass `invalidate` into the Method field.

This example shows you how to purge resources changed in the directory /test under the site domain www.example.com.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePurgeTask
<Common request parameters>
```

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```
{
"Targets": [
"http://www.example.com/test/"
],
"Type": "purge_prefix",
"Method": "invalidate",
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"JobId": "20ga521cpwcj",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.BackendError	Server error.
InternalError.DomainConfig	Failed to get configuration
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.QuotaSystem	Server error.
InvalidParameter.DomainNotFound	The domain name does not exist or is not belong to this account.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.Target	Resource error
InvalidParameter.TaskNotGenerated	Failed to create the task
InvalidParameter.UploadUrl	Invalid file upload link.
LimitExceeded.BatchQuota	Reached the upper limit of resource number
LimitExceeded.DailyQuota	Reached the daily upper limit of resource number
LimitExceeded.PackNotAllow	Not supported by the plan.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribePurgeTasks

Last updated：2024-05-29 14:55:56

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

DescribePurgeTasks is used to query the submitted URL refreshing and directory refreshing records and execution progress. This interface can be used to query the tasks submitted by the CreatePurgeTasks API.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePurgeTasks.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	ZoneId. The parameter is required.
StartTime	No	Timestamp ISO8601	Start time of the query. Either time or job-id is required.
EndTime	No	Timestamp ISO8601	End time of the query. Either time or job-id is required.
Offset	No	Integer	Offset for paginated queries. Default value: `0` .

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Limit	No	Integer	Limit on paginated queries. Default value: `20` . Maximum value: `1000` .
Filters.N	No	Array of AdvancedFilter	Filtering condition. The maximum value of Filters.Values is 20. Detailed filtering conditions: • job-id Filter based on task ID. job-id format: 1379afjk91u32h. Multiple values are not supported, Fuzzy search is not supported; • target Filter based on: target resource information. target format: http://www.qq.com/1.txt or tag1. Multiple values are not supported, Fuzzy search is not supported; • domains Filter based on domain name. domains format: www.qq.com, Fuzzy search is not supported; • statuses Filter based on task status, Fuzzy search is not supported. Options: processing: Processing success: Success failed: Failure timeout: Timeout • type Filter based on cleared cache type. Multiple values are not supported, Fuzzy search is not supported. Options: purge_url: URL purge_prefix: Prefix purge_all: All cache content purge_host: Hostname purge_cache_tag: CacheTag

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total entries that match the specified query condition.
Tasks	Array of Task	List of tasks returned.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a

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		RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Historical Records of Cache Purging

After the refreshing task is submitted by using CreatePurgeTasks, use this API to query the refreshing task records and execution progress.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribePurgeTasks
<Common request parameters>

{
"ZoneId": "zone-wz8m9mgx",
"StartTime": "2022-02-09T00:00:00+08:00",
"EndTime": "2022-02-09T23:59:00+08:00",
"Limit": 1,
"Offset": 7
}
```

Output Example

```
{
"Response": {
"RequestId": "abc-afhhakf-24hkahf-2424",
"Tasks": [
{
"JobId": "20g9wz8m9mgx",
"Status": "success",
"Target": "http://www.qq.com/a.txt",
"Type": "purge_url",
"CreateTime": "2022-02-09T02:28:43Z",
"UpdateTime": "2022-02-09T02:28:52Z"
}
],
"TotalCount": 8
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.

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CreatePrefetchTask

Last updated：2024-04-09 10:26:13

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a pre-warming task.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePrefetchTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.
Targets.N	No	Array of String	List of resources to be preheated. Each element format is similar to the following: http://www.example.com/example.txt. The parameter value is currently required. Note: The number of tasks that can be submitted is limited by the quota of a billing package. For details, see [Billing Overview] (https://intl.cloud.tencent.com/document/product/1552/77380?from_cn_redirect=1).
EncodeUrl	No	Boolean	Whether to encode a URL according to RFC3986. Enable this field

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			when the URL contains non-ASCII characters.
Headers.N	No	Array of Header	HTTP header information

3. Output Parameters

Parameter Name	Type	Description
JobId	String	ID of the task.
FailedList	Array of FailReason	List of failed tasks. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Pre-warming a URL

The example shows you how to submit a pre-warming task.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePrefetchTask
<Common request parameters>

{
"Targets": [
"http://www.qq.com/a.txt"
],
"ZoneId": "zone-ajj243dwrew",
"EncodeUrl": true
}
```

Output Example

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```
{
"Response": {
"JobId": "20ga521cpwch",
"FailedList": [],
"RequestId": "3c140219-cfe9-470e-b241-907877d6fb03"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.BackendError	Server error.
InternalError.DomainConfig	Failed to get configuration
InternalError.FailedToGenerateUrl	Failed to generate an upload link.
InternalError.QuotaSystem	Server error.

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InvalidParameter.DomainNotFound	The domain name does not exist or is not belong to this account.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
InvalidParameter.Target	Resource error
InvalidParameter.TaskNotGenerated	Failed to create the task
InvalidParameter.UploadUrl	Invalid file upload link.
LimitExceeded.BatchQuota	Reached the upper limit of resource number
LimitExceeded.DailyQuota	Reached the daily upper limit of resource number
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DescribePrefetchTasks

Last updated：2024-05-29 14:55:56

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

DescribePrefetchTasks is used to query the submission history and execution progress of preheating tasks. This interface can be used to query the tasks submitted by the CreatePrefetchTasks interface.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrefetchTasks.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	ZoneId. The parameter is required.
StartTime	No	Timestamp ISO8601	Start time of the query. Either time or job-id is required.
EndTime	No	Timestamp ISO8601	End time of the query. Either time or job-id is required.
Offset	No	Integer	Offset for paginated queries. Default value: `0` .

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Limit	No	Integer	Limit on paginated queries. Default value: `20` . Maximum value: `1000` .
Filters.N	No	Array of AdvancedFilter	Filtering condition. The maximum value of Filters.Values is 20. Detailed filtering conditions: • job-id Filter based on task ID. job-id format: 1379afjk91u32h. Multiple values are not supported, Fuzzy search is not supported. • target Filter based on target resource information. target format: http://www.qq.com/1.txt. Multiple values are not supported, Fuzzy search is not supported. • domains Filter based on domain name. domains format: www.qq.com. Fuzzy search is not supported. • statuses Filter based on task status. Fuzzy search is not supported. Options: processing: Processing success: Success failed: Failure timeout: Timeout

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total entries that match the specified query condition.
Tasks	Array of Task	List of tasks returned.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Preheating Tasks

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After the preheating task is submitted by using CreatePrefetchTasks, use this API to query the preheating task records and execution progress.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribePrefetchTasks
<Common request parameters>

{
"ZoneId": "zone-z8m9mgx",
"StartTime": "2022-02-09T00:00:00+08:00",
"EndTime": "2022-02-09T23:59:00+08:00",
"Limit": 1,
"Offset": 7
}
```

Output Example

```
{
"Response": {
"RequestId": "abc-afhhakf-24hkahf-2424",
"Tasks": [
{
"JobId": "20g9wz8m9mgx",
"Status": "success",
"Target": "http://www.qq.com/a.txt",
"Type": "prefetch_url",
"CreateTime": "2022-02-09T02:28:43Z",
"UpdateTime": "2022-02-09T02:28:52Z"
}
],
"TotalCount": 8
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter.ParameterError	Parameter error: Invalid “End time”. The interval between the start and end time cannot exceed 7 days.
OperationDenied	Operation denied.
UnauthorizedOperation.DomainEmpty	Authentication error.

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DescribeContentQuota

Last updated：2024-04-09 10:26:12

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query content management quotas.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeContentQuota.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.

3. Output Parameters

Parameter Name	Type	Description
PurgeQuota	Array	Purging quotas.

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	of Quota	Note: This field may return null, indicating that no valid values can be obtained.
PrefetchQuota	Array of Quota	Pre-warming quotas. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying quota

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeContentQuota
<Common request parameters>

{
"ZoneId": "zone-ajj243dwrew"
}
```

Output Example

```
{
"Response": {
"RequestId": "abc-ajj243-afjkj245-af",
"PrefetchQuota": [
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "prefetch_url"
}
],
"PurgeQuota": [
{
"Batch": 2000,
"Daily": 10000,
```

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```
"DailyAvailable": 10000,
"Type": "purge_url"
},
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "purge_prefix"
},
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "purge_host"
},
{
"Batch": 2000,
"Daily": 10000,
"DailyAvailable": 10000,
"Type": "purge_all"
}
]
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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Data Analysis APIs
DescribeDDoSAttackData

Last updated：2024-04-09 10:26:10

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the time-series data of DDoS attacks.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDDoSAttackData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	Start time of the query period.
EndTime	Yes	Timestamp ISO8601	End time of the query period.
MetricNames.N	Yes	Array of String	Statistical metrics. • `ddos_attackMaxBandwidth` : Peak attack bandwidth;

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			• `ddos_attackMaxPackageRate` : Peak attack packet rate; • `ddos_attackBandwidth` : Time-series data of attack bandwidth; • `ddos_attackPackageRate` : Time-series data of attack packet rate.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
PolicyIds.N	No	Array of Integer	IDs of DDoS policies to be queried. All policies will be selected if this field is not specified.
Interval	No	String	The query granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day If this field is not specified, the granularity is determined based on the query period. Period ≤ 1 hour: `min` ; 1 hour < Period ≤ 2 days: `5min` ; 2 days < Period ≤ 7 days: `hour` ; Period > 7 days: `day` .
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of SecEntry	List of DDoS attack data. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a

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		RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Time-series Data of DDoS Attacks

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDDoSAttackData
<Common request parameters>
{
"MetricNames": [
"ddos_attackMaxBandwidth"
],
"Interval": "min",
"PolicyIds": [
1706
],
"ZoneIds": [
"zone-21xfqlh4qjee"
],
"StartTime": "2022-08-22T00:00:00+00:00",
"EndTime": "2022-08-23T00:00:00+00:00",
"Area": "overseas"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"Data": [
{
"Value": [
{
"Max": 100,
"Metric": "ddos_attackMaxBandwidth",
"Avg": 100.0,
"Detail": [
{
"Value": 100
```

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```
}
],
"Sum": 100.0
}
],
"Key": "ddos_attackMaxBandwidth"
}
],
"RequestId": "a79e60f8-34cc-4ee5-a7f9-a24adb572c68"
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.

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LimitExceeded	The quota limit has been reached.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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DescribeDDoSAttackEvent

Last updated：2024-04-09 10:26:09

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query DDoS attack events.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDDoSAttackEvent.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	Start time. Time range: 30 days.
EndTime	Yes	Timestamp ISO8601	End time. Time range: 30 days.
PolicyIds.N	No	Array of Integer	List of DDoS policy IDs. All policies are selected if this field is not specified.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.

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Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 1000.
Offset	No	Integer	The page offset. Default value: 0.
ShowDetail	No	Boolean	Parameter to show attack details. If it is configured as false, only the number of attacks is returned without details. If it is configured as true, attack details are returned.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.
OrderBy	No	String	The sorting field. Values: • `MaxBandWidth` : Peak bandwidth • `AttackStartTime` Start time of the attack If this field is not specified, the default value `AttackStartTime` is used.
OrderType	No	String	The sorting method. Values: • `asc` : Ascending • `desc` : Descending If this field is not specified, the default value `desc` is used.

3. Output Parameters

Parameter Name	Type	Description
Data	Array of DDoSAttackEvent	List of DDoS attack data. Note: This field may return `null` , indicating that no valid value was found.
TotalCount	Integer	Total number of query results.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

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4. Example

Example1 Querying a DDoS attack event

Querying a DDoS attack event

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDDoSAttackEvent
<Common request parameters>{
"Limit": 1,
"Offset": 1,
"PolicyIds": [
1245
],
"ZoneIds": [
"zone-21xfqlh4qjee"
],
"StartTime": "2020-09-22T00:00:00+00:00",
"EndTime": "2020-09-22T00:00:00+00:00",
"ShowDetail": false,
"Area": "overseas"
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"Data": [
{
"EventId": "12214521",
"AttackPacketMaxRate": 10,
"AttackEndTime": 1659595468,
"AttackMaxBandWidth": 10,
"AttackStartTime": 1659595468,
"ZoneId": "zone-21xfqlh4qjee",
"PolicyId": 1245,
"AttackType": "UDPFLOOD",
"AttackStatus": 1,
"Area": "mainland",
"DDoSBlockData": [
```

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```
{
"StartTime": 1659595468,
"EndTime": 0,
"BlockArea": "Access resitricted in some regions."
}
]
}
],
"RequestId": "c0ce8b7c-a48f-4eed-a0eb-c24177efc430"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.

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LimitExceeded	The quota limit has been reached.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeDDoSAttackTopData

Last updated：2024-04-09 10:26:09

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the top-ranked DDoS attack data.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDDoSAttackTopData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricName	Yes	String	The statistical metric. Values: • `ddos_attackFlux_protocol` : Rank protocols by the attack traffic. • `ddos_attackPackageNum_protocol` : Rank protocols by the number of attack packets.

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			• `ddos_attackNum_attackType` : Rank attack types by the number of attacks. • `ddos_attackNum_sregion` : Rank attacker regions by the number of attacks. • `ddos_attackFlux_sip` : Rank attacker IPs by the number of attacks. • `ddos_attackFlux_sregion` : Rank attacker regions by the number of attacks.
ZoneIds.N	No	Array of String	Site ID set. This parameter is required.
PolicyIds.N	No	Array of Integer	The list of DDoS policy IDs to be specified. All policies will be selected if this field is not specified.
AttackType	No	String	The attack type. Values: • `flood` : Flood; • `icmpFlood` : ICMP flood; • `all` : All attack types. This field will be set to the default value `all` if not specified.
ProtocolType	No	String	The protocol type. Values: • `tcp` : TCP protocol; • `udp` : UDP protocol; • `all` : All protocol types. This field will be set to the default value `all` if not specified.
Port	No	Integer	The port number.
Limit	No	Integer	Queries the top n rows of data. Top 10 rows of data will be queried if this field is not specified.
Area	No	String	Data storage region. Values: • `overseas` : Global (outside the Chinese mainland); • `mainland` : Chinese mainland. If this field is not specified, the data storage region will be determined based on the user's location.

3. Output Parameters

Parameter Name	Type	Description
Data	Array of	The list of top-ranked DDoS attack data.

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	TopEntry	Note: This field may return null, indicating that no valid values can be obtained.
TotalCount	Integer	Total number of query results.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the top-ranked DDoS attack data

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDDoSAttackTopData
<Common request parameters>

{
"AttackType": "UDPFLOOD",
"MetricName": "ddos_attackFlux_protocol",
"ProtocolType": "udp",
"PolicyIds": [
1705
],
"ZoneIds": [
"zone-21xfqlh4qjee"
],
"Limit": 1,
"StartTime": "2020-09-22T00:00:00+00:00",
"EndTime": "2020-09-22T00:00:00+00:00",
"Port": 22,
"Area": "overseas"
}
```

Output Example

```
{
"Response": {
"TotalCount": 10,
"Data": [
{
```

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```
"Value": [
{
"Count": 123,
"Name": "udp"
}
],
"Key": "zone-21xfqlh4qjee"
}
],
"RequestId": "3824cf60-c2aa-4f4a-95b7-a4d5e4dee188"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.

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InternalError.ProxyServer	An unknown error occurred in the backend server.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeOverviewL7Data

Last updated：2024-05-29 14:55:55

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the time sequence traffic data of the monitoring category in L7. This API is to be discarded. Please use the API DescribeTimingL7AnalysisData.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOverviewL7Data.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricNames.N	Yes	Array of String	The metric to query. Values: • `l7Flow_outFlux` : Traffic used for EdegOne responses

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			• `l7Flow_inFlux` : Traffic used for EdegOne requests • `l7Flow_outBandwidth` : Bandwidth used for EdegOne responses • `l7Flow_inBandwidth` : Bandwidth used for EdegOne requests • `l7Flow_hit_outFlux` : Traffic used for cache hit • `l7Flow_request` : Access requests • `l7Flow_flux` : Upstream and downstream traffic used for client access • `l7Flow_bandwidth` : Upstream and downstream bandwidth used for client access
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Domains.N	No	Array of String	Queried domain name set. This parameter has been discarded.
Protocol	No	String	The protocol type. Values: • `http` : HTTP protocol; • `https` : HTTPS protocol; • `http2` : HTTP2 protocol; • `all` : All protocols. If it's not specified, `all` is used. This parameter is not yet available now.
Interval	No	String	The query granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : One day If this field is not specified, the granularity will be determined based on the query period. Period <= 1 hour: `min` ; 1 hour < Period <= 2 days: `5min` ; 2 days < period <= 7 days: `hour` ; Period > 7 days: `day` .
Filters.N	No	Array of QueryCondition	Filtering condition. The detailed filtering condition key values are as follows: • socket: Filter based on HTTP protocol type. Corresponding value options: HTTP: HTTP protocol; HTTPS: HTTPS protocol; QUIC: QUIC protocol.

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			• domains: Filter based on domain name. • tagKey: Filter based on Tag Key. • tagValue: Filter based on Tag Value.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TimingDataRecord	Note: This field may return 'null', which indicates a failure to obtain a valid value.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Time Sequence Traffic Data based on the Tag

Obtain the indicator for the number of requests based on the filtering conditions of tags.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOverviewL7Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
```

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```
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"Filters": [
{
"Key": "tagKey",
"Operator": "equals",
"Value": [
"test1"
]
},
{
"Key": "tagValue",
"Operator": "equals",
"Value": [
"a.com",
"b.com"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6cc74d08-c174-413a-976b-abe7b851e0121",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 1564,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 100
},
{
"Timestamp": 1659225600,
```

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```
"Value": 34
}
],
"Max": 8037,
"MetricName": "l7Flow_request",
"Sum": 48511
}
]
}
],
"TotalCount": 1
}
}
```

Example2 Querying L7 Monitoring Time Sequence Traffic Data

Indicator for the number of L7 monitoring data query requests

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOverviewL7Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "6cc74d08-c174-413a-976b-abe7b851e010",
"Data": [
{
```

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```
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 1564,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
"Timestamp": 1659225600,
"Value": 0
}
],
"Max": 8037,
"MetricName": "l7Flow_request",
"Sum": 48511
}
]
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.RouteError	The backend routing address is incorrect.
InvalidParameter	Parameter error.
InvalidParameterValue	Invalid parameter value.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTimingL4Data

Last updated：2024-04-09 10:26:07

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the list of L4 traffic data recorded over time.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTimingL4Data.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricNames.N	Yes	Array of String	Query indicator. Values: • l4Flow_connections: Number of access connections; • l4Flow_flux: Total access traffic; • l4Flow_inFlux: Ingress access traffic;

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			• l4Flow_outFlux: Egress access traffic.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
ProxyIds.N	No	Array of String	List of L4 proxy IDs. All L4 proxies will be selected if this field is not specified.
Interval	No	String	The query granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined based on the query period. Period ≤ 1 hour: `min` ; 1 hour < Period ≤ 2 days: `5min` ; 2 days < period ≤ 7 days: `hour` ; Period > 7 days: `day` .
Filters.N	No	Array of QueryCondition	Filters • ruleId Filter by the specified **forwarding rule ID** • proxyId Filter by the specified **L4 agent ID**
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TimingDataRecord	The list of L4 traffic data recorded over time. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every

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		request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying L4 Time Sequence Traffic Data

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL4Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l4Flow_inFlux"
],
"ZoneIds": [
"zone-28kw53cmc6ky"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "e12e0659-ae34-4140-9878-4a61db0c3639",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 740563,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
```

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```
},
{
"Timestamp": 1659225600,
"Value": 0
}
],
"Max": 6319079,
"MetricName": "l4Flow_inFlux",
"Sum": 22957455
}
]
}
],
"TotalCount": 1
}
}
```

Example2 Querying L4 Traffic Data based on L4 Proxy ID

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL4Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l4Flow_inFlux"
],
"ZoneIds": [
"zone-28kw53cmc6ky"
],
"Filters": [
{
"Key": "proxyId",
"Operator": "equals",
"Value": [
"sid-2c2uug8ubfmn"
]
}
```

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```
]
}
```

Output Example


```
{
"Response": {
"RequestId": "962792de-3bfe-483d-99a7-3cfde0467495",
"Data": [
{
"TypeKey": "zone-28kw53cmc6ky",
"TypeValue": [
{
"Avg": 267,
"Detail": [
{
"Timestamp": 1671669600,
"Value": 390
},
{
"Timestamp": 1671669900,
"Value": 740
},
{
"Timestamp": 1671670200,
"Value": 0
},
{
"Timestamp": 1671670500,
"Value": 0
},
{
"Timestamp": 1671670800,
"Value": 562
},
{
"Timestamp": 1671671100,
"Value": 690
},
{
"Timestamp": 1671671400,
"Value": 0
},
{
"Timestamp": 1671671700,
"Value": 1353
```


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```
},
{
"Timestamp": 1671672000,
"Value": 1291
},
{
"Timestamp": 1671672300,
"Value": 0
},
{
"Timestamp": 1671672600,
"Value": 0
},
{
"Timestamp": 1671672900,
"Value": 300
},
{
"Timestamp": 1671673200,
"Value": 453
},
{
"Timestamp": 1671673500,
"Value": 0
},
{
"Timestamp": 1671673800,
"Value": 19
},
{
"Timestamp": 1671674100,
"Value": 0
},
{
"Timestamp": 1671674400,
"Value": 0
},
{
"Timestamp": 1671674700,
"Value": 204
},
{
"Timestamp": 1671675000,
"Value": 530
},
{
"Timestamp": 1671675300,
```


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```
"Value": 0
},
{
"Timestamp": 1671675600,
"Value": 975
},
{
"Timestamp": 1671675900,
"Value": 777
},
{
"Timestamp": 1671676200,
"Value": 0
},
{
"Timestamp": 1671676500,
"Value": 530
},
{
"Timestamp": 1671676800,
"Value": 320
},
{
"Timestamp": 1671677100,
"Value": 303
},
{
"Timestamp": 1671677400,
"Value": 0
},
{
"Timestamp": 1671677700,
"Value": 183
},
{
"Timestamp": 1671678000,
"Value": 320
},
{
"Timestamp": 1671678300,
"Value": 670
},
{
"Timestamp": 1671678600,
"Value": 131
},
{
```


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```
"Timestamp": 1671678900,
"Value": 804
},
{
"Timestamp": 1671679200,
"Value": 131
}
],
"Max": 31540,
"MetricName": "l4Flow_outFlux",
"Sum": 147864
}
]
}
],
"TotalCount": 1
}
}
```

Example3 Querying L4 Traffic Data based on the Forwarding Rule ID

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL4Data
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l4Flow_inFlux"
],
"ZoneIds": [
"zone-28kw53cmc6ky"
],
"Filters": [
{
"Key": "ruleId",
"Operator": "equals",
"Value": [
"rule-033950bf-6fc4-11ed-8ab2-525400a22580"
```

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```
]
}
]
}
```

Output Example


```
{
"Response": {
"RequestId": "962792de-3bfe-483d-99a7-3cfde0467495",
"Data": [
{
"TypeKey": "zone-28kw53cmc6ky",
"TypeValue": [
{
"Avg": 267,
"Detail": [
{
"Timestamp": 1671669600,
"Value": 390
},
{
"Timestamp": 1671669900,
"Value": 740
},
{
"Timestamp": 1671670200,
"Value": 0
},
{
"Timestamp": 1671670500,
"Value": 0
},
{
"Timestamp": 1671670800,
"Value": 562
},
{
"Timestamp": 1671671100,
"Value": 690
},
{
"Timestamp": 1671671400,
"Value": 0
},
{
```


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```
"Timestamp": 1671671700,
"Value": 1353
},
{
"Timestamp": 1671672000,
"Value": 1291
},
{
"Timestamp": 1671672300,
"Value": 0
},
{
"Timestamp": 1671672600,
"Value": 0
},
{
"Timestamp": 1671672900,
"Value": 300
},
{
"Timestamp": 1671673200,
"Value": 453
},
{
"Timestamp": 1671673500,
"Value": 0
},
{
"Timestamp": 1671673800,
"Value": 19
},
{
"Timestamp": 1671674100,
"Value": 0
},
{
"Timestamp": 1671674400,
"Value": 0
},
{
"Timestamp": 1671674700,
"Value": 204
},
{
"Timestamp": 1671675000,
"Value": 530
},
```


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```
{
"Timestamp": 1671675300,
"Value": 0
},
{
"Timestamp": 1671675600,
"Value": 975
},
{
"Timestamp": 1671675900,
"Value": 777
},
{
"Timestamp": 1671676200,
"Value": 0
},
{
"Timestamp": 1671676500,
"Value": 530
},
{
"Timestamp": 1671676800,
"Value": 320
},
{
"Timestamp": 1671677100,
"Value": 303
},
{
"Timestamp": 1671677400,
"Value": 0
},
{
"Timestamp": 1671677700,
"Value": 183
},
{
"Timestamp": 1671678000,
"Value": 320
},
{
"Timestamp": 1671678300,
"Value": 670
},
{
"Timestamp": 1671678600,
"Value": 131
```


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```
},
{
"Timestamp": 1671678900,
"Value": 804
},
{
"Timestamp": 1671679200,
"Value": 131
}
],
"Max": 31540,
"MetricName": "l4Flow_outFlux",
"Sum": 147864
}
]
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
LimitExceeded	The quota limit has been reached.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTimingL7AnalysisData

Last updated：2024-04-09 10:26:06

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the L7 data recorded over time.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTimingL7AnalysisData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricNames.N	Yes	Array of String	Indicator list. Values: • l7Flow_outFlux: Edgeone response traffic; • l7Flow_inFlux: Edgeone request traffic; • l7Flow_outBandwidth: Edgeone response bandwidth; • l7Flow_inBandwidth: Edgeone request bandwidth;

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			• l7Flow_request: Number of access requests; • l7Flow_flux: Uplink + downlink traffic of access requests;< • l7Flow_bandwidth: Uplink + downlink bandwidth of access
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Interval	No	String	The query granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined b query period. Period ≤ 1 hour: `min` ; 1 hour < Period ≤ 2 days: `5min` ; 2 days < period ≤ 7 days: `hour` ; Period > 7 days: `day` .
Filters.N	No	Array of QueryCondition	Filters • country Filter by the **Country/Region**. The country/region follows ISC specification. • `province` Filter by the **specified province name**. It's only available wh is `mainland` . • `isp` : Filter by the specified ISP. It's only available when `Area` i `mainland` . Values: `2` : CTCC; `26` : CUCC; `1046` : CMCC; `3947` : CTT; `38` : CERNET; `43` : GWBN; `0` : Others. • `domain` : Filter by the specified **sub-domain name**, such as `test.example.com` • `url` : Filter by the specified **URL path (such as `/content` or `content/test.jpg`).** **If this parameter is specified, the max query period is th days.**

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The max data query scope stated in the service packag
specifications of the site (if `ZoneIds` specified) beco

- `referer` :

Filter by the specified Referer header, such as `exampl`
If this parameter is specified, the max query period is th
days.
Themax data query scope stated in the service package
specifications of the site (if `ZoneIds` specified) beco

- `resourceType` :

Filter by the specified resource file type, such as `jpg`
Note that if this parameter is specified, the max data qu
is the last 30 days.
The data query scope stated in the specifications of se
package related with the `ZoneIds` becomes invalid.

- `protocol` :

Filter by the specified HTTP protocol version
Values:
`HTTP/1.0` : HTTP 1.0;
`HTTP/1.1` : HTTP 1.1;
`HTTP/2.0` : HTTP 2.0;
`HTTP/3.0` : HTTP 3.0;
`WebSocket` : WebSocket.

- `socket` :

Filter by the specified HTTP protocol type
Values:
`HTTP` : HTTP protocol;
`HTTPS` : HTTPS protocol;
`QUIC` : QUIC protocol.

- statusCode

Filter by [strong> Status Code/strong>]. lt;br> If you onl
statusCode parameter, you can query data of nearly 30
most;
If statusCode+ZoneIds parameter is filled in at the sam
supported query data range is the smaller of a
href="https://intl.cloud.tencent.com/document/product/
from_cn_redirect=1#edgeone-.E5.A5.97.E9.A4.90"> Max
query range of data analysis/a> and 30 days supported
package. lt;br> The corresponding Value options are as
1XX: Status code of type 1xx;
100:100 status code;
101:101 status code;
102:102 status code;
2XX: Status code of type 2xx;
200:200 status code;
201:201 status code;

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			202:202 status code; **203:203 status code;** **204:204 status code;** **205:205 status code;** **206:206 status code;** **207:207 status code;** **3XX: Status code of type 3xx;** **300:300 status code;** **301:301 status code;** **302:302 status code;** **303:303 status code;** **304:304 status code;** **305:305 status code;** **307:307 status code;** **4XX: Status code of type 4xx;** **400:400 status code;** **401:401 status code;** **402:402 status code;** **403:403 status code;** **404:404 status code;** **405:405 status code;** **406:406 status code;** **407:407 status code;** **408:408 status code;** **409:409 status code;** **410:410 status code;** **411:411 status code;** **412:412 status code;** **412:413 Status Code;** **414:414 status code;** **415:415 status code;** **416:416 status code;** **417:417 status code;** **422:422 status code;** **423:423 status code;** **424:424 status code;** **426:426 status code;** **451:451 status code;** **5XX: Status code of type 5xx;** **500:500 status code;** **501:501 status code;** **502:502 status code;** **503:503 status code;** **504:504 status code;** **505:505 status code;**

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506:506 status code;
507:507 status code;
510:510 status code;
514:514 status code;
544:544 Status Code.& lt

- `browserType` :

Filter by the specified browser type.
If this parameter is specified, the max query period is th
days.
The max data query scope stated in the service packag
specifications of the site (if `ZoneIds` specified) beco

Values:
`Firefox` : Firefox browser;
`Chrome` : Chrome browser;
`Safari` : Safari browser;
`MicrosoftEdge` : Microsoft Edge browser;
`IE` : IE browser;
`Opera` : Opera browser;
`QQBrowser` : QQ browser;
`LBBrowser` : LB browser;
`MaxthonBrowser` : Maxthon browser;
`SouGouBrowser` : Sogou browser;
`BIDUBrowser` : Baidu browser;
`TaoBrowser` : Tao browser;
`UBrowser` : UC browser;
`Other` : Other browsers;
`Empty` : The browser type is not specified;
`Bot` : Web crawler.

- `deviceType` :

Filter by the device type.
If this parameter is specified, the max query period is th
days.
The max data query scope stated in the service packag
specifications of the site (if `ZoneIds` specified) beco
Values:
`TV` : TV;
`Tablet` : Tablet;
`Mobile` : Mobile phone;
`Desktop` : Desktop device;
`Other` : Other device;
`Empty` : Device type not specified.

- `operatingSystemType` :

Filter by the operating system.

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			If this parameter is specified, the max query period is th days. **The max data query scope stated in the service packag specifications of the site (if `ZoneIds` specified) beco** **Values:** `Linux` **: Linux OS;** `MacOS` **: Mac OS;** `Android` **: Android OS;** `IOS` **: iOS OS;** `Windows` **: Windows OS;** `NetBSD` **: NetBSD OS;** `ChromiumOS` **: Chromium OS;** `Bot` **: Web crawler:** `Other` **: Other OS;** `Empty` **: The OS is not specified.** • `tlsVersion` **:** **Filter by the TLS version.** **If this parameter is specified, the max query period is th days.** **The max data query scope stated in the service packag specifications of the site (if `ZoneIds` specified) beco** **Values:** `TLS1.0` **: TLS 1.0;** `TLS1.1` **: TLS 1.1;** `TLS1.2` **: TLS 1.2;** `TLS1.3` **: TLS 1.3.** • `ipVersion` **Filter by the specified IP version.** **Values:** `4` **: IPv4;** `6` **: IPv6.** • `tagKey` **Filter by the Tag Key.** • `tagValue` **Filter by the Tag Value.**
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is use

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3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TimingDataRecord	The list of L7 traffic data recorded over time. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying Time Sequence Traffic Data Based on the Protocol

Obtain the indicator for the number of requests based on the protocol filtering conditions.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7AnalysisData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"Filters": [
{
"Key": "protocol",
"Operator": "equals",
"Value": [
"HTTP/1.0",
```

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```
"HTTP/1.1"
]
}
],
"ZoneIds": [
"zone-2o7b38ba1hvr"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "141a7ccd-9713-43a2-91d5-1b47692d0609",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 803,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
"Timestamp": 1661731200,
"Value": 0
}
],
"Max": 7921,
"MetricName": "l7Flow_request",
"Sum": 24918
}
]
}
],
"TotalCount": 1
}
}
```

Example2 Querying Time Sequence Traffic Data based on the Tag

Obtain the indicator for the number of requests based on the filtering conditions of tags.

Input Example

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```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7AnalysisData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"Filters": [
{
"Key": "tagKey",
"Operator": "equals",
"Value": [
"test1"
]
},
{
"Key": "tagValue",
"Operator": "equals",
"Value": [
"a.com",
"b.com"
]
}
],
"ZoneIds": [
"zone-2o7b38ba1hvr"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "141a7ccd-9713-43a2-91d5-1b47692d0609",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
```

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```
{
"Avg": 803,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
"Timestamp": 1661731200,
"Value": 0
}
],
"Max": 7921,
"MetricName": "l7Flow_request",
"Sum": 24918
}
]
}
],
"TotalCount": 1
}
}
```


Example3 Querying L7 Data Analysis Time Sequence Traffic Data

Query the data of the indicator for the number of L7 traffic requests.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7AnalysisData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Flow_request"
],
"ZoneIds": [
"zone-2o7b38ba1hvr"
```

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```
]
}
```

Output Example


```
{
"Response": {
"RequestId": "141a7ccd-9713-43a2-91d5-1b47692d0609",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 803,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
"Timestamp": 1661731200,
"Value": 0
}
],
"Max": 7921,
"MetricName": "l7Flow_request",
"Sum": 24918
}
]
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter	Parameter error.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTopL7AnalysisData

Last updated：2024-04-09 10:26:05

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the top-ranked L7 traffic data.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTopL7AnalysisData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricName	Yes	String	Metrics to query. Valid values: • `l7Flow_outFlux_country` : Query traffic by country/region; • `l7Flow_outFlux_statusCode` : Query traffic by status code;

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			• `l7Flow_outFlux_domain` : Query traffic by domain; • `l7Flow_outFlux_url` : Query traffic by URL; • `l7Flow_outFlux_resourceType` : Query traffic by resource type; • `l7Flow_outFlux_sip` : Query traffic by source IP; • `l7Flow_outFlux_referers` : Query traffic by refer information; • `l7Flow_outFlux_ua_device` : Query traffic by device; • `l7Flow_outFlux_ua_browser` : Query traffic by browser; • `l7Flow_outFlux_us_os` : Query traffic by OS; • `l7Flow_request_country` : Query requests by country/region; • `l7Flow_request_statusCode` : Query requests by status code; • `l7Flow_request_domain` : Query requests by domain; • `l7Flow_request_url` : Query requests by URL; • `l7Flow_request_resourceType` : Query requests by resource type; • `l7Flow_request_sip` : Query requests by source IP; • `l7Flow_request_referer` : Query requests by refer information; • `l7Flow_request_ua_device` : Query requests by device; • `l7Flow_request_ua_browser` : Query requests by browser; • `l7Flow_request_us_os` : Query requests by OS.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Limit	No	Integer	Queries the top N data entries. Maximum value: 1000. Top 10 data entries will be queried if this field is not specified.
Filters.N	No	Array of QueryCondition	Filters • `country` Filter by the **Country/Region**. The country/region follows ISO 3166 specification. • `province` Filter by the **specified province name**. It's only available when `Area` is `mainland` . • `isp` : Filter by the specified ISP. It's only available when `Area` is

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`mainland` .
Values:
`2` : CTCC;
`26` : CUCC;
`1046` : CMCC;
`3947` : CTT;
`38` : CERNET;
`43` : GWBN;
`0` : Others.

- `domain`

: Filter by the specified **sub-domain name**, such as `test.example.com`

- `url` :

Filter by the **specified URL Path (such as `/content` or `content/test.jpg` .**
If this parameter is specified, the max query period is the last 30 days.
The max data query scope stated in the service package specifications of the site (if `ZoneIds` specified) becomes invalid.

- **`referer` :**

Filter by the specified Referer header, such as `example.com` .
If this parameter is specified, the max query period is the last 30 days.
The max data query scope stated in the service package specifications of the site (if `ZoneIds` specified) becomes invalid.

- **`resourceType` :**

Filter by the specified resource file type, such as `jpg` , `css` .
If this parameter is specified, the max query period is the last 30 days.
The max data query scope stated in the service package specifications of the site (if `ZoneIds` specified) becomes invalid.

- **`protocol` :**

Filter by the specified HTTP protocol version
Values:
`HTTP/1.0` : HTTP 1.0;
`HTTP/1.1` : HTTP 1.1;
`HTTP/2.0` : HTTP 2.0;
`HTTP/3.0` : HTTP 3.0;
`WebSocket` : WebSocket.

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			• `socket` : Filter by the specified HTTP protocol type Values: `HTTP` : HTTP protocol; `HTTPS` : HTTPS protocol; `QUIC` : QUIC protocol. • `statusCode` : Filter by the Status Code If this parameter is specified, the max query period is the last 30 days. The max data query scope stated in the service package specifications of the site (if `ZoneIds` specified) becomes invalid. Values: 1XX: Status code of type 1xx 100: 100 status code 101: 101 status code 102: 102 status code 2XX: Status code of type 2xx 200: 200 status code 201: 201 status code 202: 202 status code 203: 203 status code 204: 204 status code 205: 205 status code 206: 206 status code 207: 207 status code 3XX: Status code of type 3xx 300: 300 status code 301: 301 status code 302: 302 status code 303: 303 status code 304: 304 status code 305: 305 status code 307: 307 status code 4XX: Status code of type 4xx 400: 400 status code 401: 401 status code 402: 402 status code 403: 403 status code 404: 404 status code 405: 405 status code 406: 406 status code 407: 407 status code 408: 408 status code

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409: 409 status code
410: 410 status code
411: 411 status code
412: 412 status code
412: 413 Status Code
414: 414 status code
415: 415 status code
416: 416 status code
417: 417 status code
422: 422 status code
423: 423 status code
424: 424 status code
426: 426 status code
451: 451 status code
5XX: Status code of type 5xx
500: 500 status code
501: 501 status code
502:502 status code
503: 503 status code
504: 504 status code
505: 505 status code
506: 506 status code
507: 507 status code
510: 510 status code
514: 514 status code
544: 544 Status Code.

- `browserType` :

Filter by the specified browser type.
If this parameter is specified, the max query period is the last 30 days.
The max data query scope stated in the service package specifications of the site (if `ZoneIds` specified) becomes invalid.

Values:
`Firefox` : Firefox browser;
`Chrome` : Chrome browser;
`Safari` : Safari browser;
`MicrosoftEdge` : Microsoft Edge browser;
`IE` : IE browser;
`Opera` : Opera browser;
`QQBrowser` : QQ browser;
`LBBrowser` : LB browser;
`MaxthonBrowser` : Maxthon browser;
`SouGouBrowser` : Sogou browser;

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			`BIDUBrowser` : Baidu browser; `TaoBrowser` : Tao browser; `UBrowser` : UC browser; `Other` : Other browsers; `Empty` : The browser type is not specified; `Bot` : Web crawler. • `deviceType` : Filter by the device type. If this parameter is specified, the max query period is the last 30 days. The max data query scope stated in the service package specifications of the site (if `ZoneIds` specified) becomes invalid. Values: `TV` : TV; `Tablet` : Tablet; `Mobile` : Mobile phone; `Desktop` : Desktop device; `Other` : Other device; `Empty` : Device type not specified. • `operatingSystemType` : Filter by the operating system. If this parameter is specified, the max query period is the last 30 days. The max data query scope stated in the service package specifications of the site (if `ZoneIds` specified) becomes invalid. Values: `Linux` : Linux OS; `MacOS` : Mac OS; `Android` : Android OS; `IOS` : iOS OS; `Windows` : Windows OS; `NetBSD` : NetBSD OS; `ChromiumOS` : Chromium OS; `Bot` : Web crawler: `Other` : Other OS; `Empty` : The OS is not specified. • `tlsVersion` : Filter by the TLS version. If this parameter is specified, the max query period is the last 30 days. The max data query scope stated in the service package specifications of the site (if `ZoneIds`

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			specified) becomes invalid. **Values:** `TLS1.0` **: TLS 1.0;** `TLS1.1` **: TLS 1.1;** `TLS1.2` **: TLS 1.2;** `TLS1.3` **: TLS 1.3.** • `ipVersion` **Filter by the specified IP version.** **Values:** `4` **: IPv4;** `6` **: IPv6.** • `tagKey` **Filter by the Tag Key.** • `tagValue` **Filter by the Tag Value.**
Interval	No	String	The query time granularity. Values: • `min` : 1 minute; • `5min` : 5 minute; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined based on the interval between the start time and end time as follows: 1-minute granularity applies for a 1-hour interval, 5-minute granularity for a 2-day interval, 1-hour granularity for a 7-day interval, and 1-day granularity for an interval of over 7 days.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of	The list of top-ranked L7 traffic data.

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	TopDataRecord	Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Top Traffic Data with the Specified Protocol

Query L7 data analysis top traffic data.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTopL7AnalysisData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "1",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Flow_outFlux_url",
"Filters": [
{
"Key": "protocol",
"Operator": "equals",
"Value": [
"HTTP/1.0",
"HTTP/1.1"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

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```
{
"Response": {
"RequestId": "7c499897-8ad9-4a2d-884e-6154f283d723",
"Data": [
{
"DetailData": [
{
"Key": "/",
"Value": 1210001
}
],
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```

Example2 Querying the Top Traffic Data with the Specified Tag

Querying the Top Traffic Data with the Specified Tag

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTopL7AnalysisData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "1",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Flow_outFlux_url",
"Filters": [
{
"Key": "tagKey",
"Operator": "equals",
"Value": [
"test1"
]
},
{
```

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```
"Key": "tagValue",
"Operator": "equals",
"Value": [
"a.com",
"b.com"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "7c499897-8ad9-4a2d-884e-6154f283d723",
"Data": [
{
"DetailData": [
{
"Key": "/",
"Value": 1210001
}
],
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```

Example3 Query L7 data analysis top traffic data.

Query L7 data analysis top traffic data.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTopL7AnalysisData
<Common request parameters>

{
```

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```
"Area": "mainland",
"Interval": "day",
"Limit": "1",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Flow_outFlux_url",
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "7c499897-8ad9-4a2d-884e-6154f283d7f6",
"Data": [
{
"DetailData": [
{
"Key": "/",
"Value": 7410001
}
],
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter	Parameter error.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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DescribeTimingL7CacheData

Last updated：2024-04-09 10:26:06

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the time-series L7 cached data.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTimingL7CacheData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricNames.N	Yes	Array of String	The query metric. Values: • `l7Cache_outFlux` : Response traffic. • `l7Cache_request` : Response requests. • `l7Cache_outBandwidth` : Response bandwidth.

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ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Filters.N	No	Array of QueryCondition	Filter conditions. See below for details: • `domain` Filter by the **sub-domain name**, such as `test.example.com` Type: String Required: No • `url` Filter by the **URL**, such as `/content`. The query period cannot exceed 30 days. Type: String Required: No • `resourceType` Filter by the **resource file type**, such as `jpg`, `png`. The query period cannot exceed 30 days. Type: String Required: No • cacheType Filter by the **cache hit result**. Type: String Required: No Values: `hit`: Cache hit; `dynamic`: Resource non-cacheable; `miss`: Cache miss • `statusCode` Filter by the **status code**. The query period cannot exceed 30 days. Type: String Required: No Values: `1XX`: All 1xx status codes; `100`: 100 status code; `101`: 101 status code; `102`: 102 status code; `2XX`: All 2xx status codes; `200`: 200 status code; `201`: 201 status code; `202`: 202 status code; `203`: 203 status code; `204`: 204 status code; `205`: 205 status code; `206`: 206 status code;

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			`207` : 207 status code; `3XX` : All 3xx status codes; `300` : 300 status code; `301` : 301 status code; `302` : 302 status code; `303` : 303 status code; `304` : 304 status code; `305` : 305 status code; `307` : 307 status code; `4XX` : All 4xx status codes; `400` : 400 status code; `401` : 401 status code; `402` : 402 status code; `403` : 403 status code; `404` : 404 status code; `405` : 405 status code; `406` : 406 status code; `407` : 407 status code; `408` : 408 status code; `409` : 409 status code; `410` : 410 status code; `411` : 411 status code; `412` : 412 status code; `412` : 413 status code; `414` : 414 status code; `415` : 415 status code; `416` : 416 status code; `417` : 417 status code; `422` : 422 status code; `423` : 423 status code; `424` : 424 status code; `426` : 426 status code; `451` : 451 status code; `5XX` : All 5xx status codes; `500` : 500 status code; `501` : 501 status code; `502` : 502 status code; `503` : 503 status code; `504` : 504 status code; `505` : 505 status code; `506` : 506 status code; `507` : 507 status code; `510` : 510 status code;

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			`514` : 514 status code; `544` : 544 status code. • `tagKey` : Filter by the **tag key** Type: String Required: No • `tagValue` Filter by the **tag value** Type: String Required: No
Interval	No	String	The query time granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined based on the interval between the start time and end time as follows: 1-minute granularity applies for a 1-hour interval, 5-minute granularity for a 2-day interval, 1-hour granularity for a 7-day interval, and 1-day granularity for an interval of over 7 days.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TimingDataRecord	The list of cached L7 time-series data. Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the

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		request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the Time Sequence Traffic Data with the Specified Tag

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7CacheData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Cache_outFlux"
],
"Filters": [
{
"Key": "tagKey",
"Operator": "equals",
"Value": [
"test1"
]
},
{
"Key": "tagValue",
"Operator": "equals",
"Value": [
"a.com",
"b.com"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

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Output Example

```
{
"Response": {
"RequestId": "6cc74d08-c174-413a-976b-abe7b851e0121",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 239058,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 8
},
{
"Timestamp": 1661731200,
"Value": 1
}
],
"Max": 2363561,
"MetricName": "l7Cache_outFlux",
"Sum": 7410804
}
]
}
],
"TotalCount": 1
}
}
```

Example2 Querying Time Sequence Traffic Data with the Specified Status Code

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7CacheData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
```

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```
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Cache_outFlux"
],
"Filters": [
{
"Key": "statusCode",
"Operator": "equals",
"Value": [
"1XX",
"2XX"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "1c827ba2-7010-45d2-123b-6d0c4d34ihsx",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 239058,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 10
},
{
"Timestamp": 1661731200,
"Value": 10
}
],
"Max": 2363561,
"MetricName": "l7Cache_outFlux",
"Sum": 7410804
}
]
}
```

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```
],
"TotalCount": 1
}
}
```

Example3 Querying L7 Cache Analysis Time Sequence Traffic Data

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTimingL7CacheData
<Common request parameters>

{
"EndTime": "2022-08-29T19:17:59+08:00",
"Interval": "day",
"Area": "mainland",
"StartTime": "2022-07-31T00:00:00+08:00",
"MetricNames": [
"l7Cache_outFlux"
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "1c827ba2-7010-45d2-b16b-6d0c4d68a771",
"Data": [
{
"TypeKey": "251227260",
"TypeValue": [
{
"Avg": 239058,
"Detail": [
{
"Timestamp": 1659139200,
"Value": 0
},
{
```

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```
"Timestamp": 1661731200,
"Value": 0
}
],
"Max": 2363561,
"MetricName": "l7Cache_outFlux",
"Sum": 7410804
}
]
}
],
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

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FailedOperation	Operation failed.
LimitExceeded	The quota limit has been reached.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeTopL7CacheData

Last updated：2024-04-09 10:26:04

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the cached L7 top-ranked data.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeTopL7CacheData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
MetricName	Yes	String	The query metric. Values: • `l7Cache_outFlux_domain` : Host/Domain name; • `l7Cache_outFlux_url` : URL address; • `l7Cache_outFlux_resourceType` : Resource type; • `l7Cache_outFlux_statusCode` : Status code.

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ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Limit	No	Integer	The number of data entries to be queried. The maximum value is 1000. If it is not specified, the value 10 is used by default, indicating that the top 10 data entries.
Filters.N	No	Array of QueryCondition	Filter conditions. See below for details: • `domain` Filter by the **sub-domain name**, such as `test.example.com` Type: String Required: No • `url` Filter by the **URL**, such as `/content`. The query period cannot exceed 30 days. Type: String Required: No • `resourceType` Filter by the **resource file type**, such as `jpg`, `png`. The query period cannot exceed 30 days. Type: String Required: No • cacheType Filter by the **cache hit result**. Type: String Required: No Values: `hit`: Cache hit; `dynamic`: Resource non-cacheable; `miss`: Cache miss • `statusCode` Filter by the **status code**. The query period cannot exceed 30 days. Type: String Required: No Values: `1XX`: All 1xx status codes; `100`: 100 status code; `101`: 101 status code; `102`: 102 status code; `2XX`: All 2xx status codes; `200`: 200 status code; `201`: 201 status code; `202`: 202 status code;

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			`203` : 203 status code; `204` : 204 status code; `205` : 205 status code; `206` : 206 status code; `207` : 207 status code; `3XX` : All 3xx status codes; `300` : 300 status code; `301` : 301 status code; `302` : 302 status code; `303` : 303 status code; `304` : 304 status code; `305` : 305 status code; `307` : 307 status code; `4XX` : All 4xx status codes; `400` : 400 status code; `401` : 401 status code; `402` : 402 status code; `403` : 403 status code; `404` : 404 status code; `405` : 405 status code; `406` : 406 status code; `407` : 407 status code; `408` : 408 status code; `409` : 409 status code; `410` : 410 status code; `411` : 411 status code; `412` : 412 status code; `412` : 413 status code; `414` : 414 status code; `415` : 415 status code; `416` : 416 status code; `417` : 417 status code; `422` : 422 status code; `423` : 423 status code; `424` : 424 status code; `426` : 426 status code; `451` : 451 status code; `5XX` : All 5xx status codes; `500` : 500 status code; `501` : 501 status code; `502` : 502 status code; `503` : 503 status code; `504` : 504 status code;

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			`505` : 505 status code; `506` : 506 status code; `507` : 507 status code; `510` : 510 status code; `514` : 514 status code; `544` : 544 status code. • `tagKey` : Filter by the **tag key** Type: String Required: No • `tagValue` Filter by the **tag value** Type: String Required: No
Interval	No	String	The query time granularity. Values: • `min` : 1 minute; • `5min` : 5 minutes; • `hour` : 1 hour; • `day` : 1 day. If this field is not specified, the granularity will be determined based on the interval between the start time and end time as follows: 1-minute granularity applies for a 1-hour interval, 5-minute granularity for a 2-day interval, 1-hour granularity for a 7-day interval, and 1-day granularity for an interval of over 7 days.
Area	No	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland • `global` : Global If this field is not specified, the default value `global` is used.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of TopDataRecord	The list of cached L7 top-ranked traffic data. Note: This field may return null, indicating that no valid values can be

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		obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Top Traffic Data with the Specified Tag

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTopL7CacheData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "5",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Cache_outFlux_cacheType",
"Filters": [
{
"Key": "tagKey",
"Operator": "equals",
"Value": [
"test1"
]
},
{
"Key": "tagValue",
"Operator": "equals",
"Value": [
"a.com",
"b.com"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
```

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```
]
}
```

Output Example

```
{
"Response": {
"RequestId": "64463c6f-3296-47fa-b168-2040f841eed1",
"Data": [
{
"DetailData": [
{
"Key": "hit",
"Value": 5810001
},
{
"Key": "miss",
"Value": 658
}
],
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```

Example2 Querying Top Traffic Data with the Specified Status Code

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeTopL7CacheData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "5",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Cache_outFlux_cacheType",
"Filters": [
```

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```
{
"Key": "statusCode",
"Operator": "equals",
"Value": [
"2XX",
"3XX"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "64463c6f-3296-47fa-b168-2040f841eed1",
"Data": [
{
"DetailData": [
{
"Key": "hit",
"Value": 5810001
},
{
"Key": "miss",
"Value": 658
}
],
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```

Example3 Querying L7 Cache Analysis Top Traffic Data

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
```

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```
X-TC-Action: DescribeTopL7CacheData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "5",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Cache_outFlux_cacheType",
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "64463c6f-4c96-47fa-b168-2040f841eed1",
"Data": [
{
"DetailData": [
{
"Key": "hit",
"Value": 7410001
},
{
"Key": "miss",
"Value": 803
}
],
"TypeKey": "251227260"
}
],
"TotalCount": 1
}
}
```

Example4 Querying Top Traffic Data of Cache Hit and Cache Miss

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
```

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```
Content-Type: application/json
X-TC-Action: DescribeTopL7CacheData
<Common request parameters>

{
"Area": "mainland",
"Interval": "day",
"Limit": "5",
"StartTime": "2022-07-31T00:00:00+08:00",
"EndTime": "2022-08-29T19:17:59+08:00",
"MetricName": "l7Cache_outFlux_cacheType",
"Filters": [
{
"Key": "cacheType",
"Operator": "equals",
"Value": [
"miss",
"hit"
]
}
],
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "64463c6f-3296-47fa-b168-2040f841eed1",
"Data": [
{
"DetailData": [
{
"Key": "hit",
"Value": 7410001
},
{
"Key": "miss",
"Value": 803
}
],
"TypeKey": "251227260"
}
],
```

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```
"TotalCount": 1
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
LimitExceeded.QueryTimeLimitExceeded	Query time limit exceeded.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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Log Service APIs
DownloadL7Logs

Last updated：2024-04-09 15:55:47

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to download L7 logs.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DownloadL7Logs.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
Domains.N	No	Array of	List of subdomain names to be queried. All subdomain names will

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		String	be selected if this field is not specified.
Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 300.
Offset	No	Integer	The page offset. Default value: 0.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of L7OfflineLog	List of L7 logs.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Downloading L7 Offline Logs

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DownloadL7Logs
<Common request parameters>

{
"Offset": 0,
"Limit": 10,
"StartTime": "2022-05-04T03:27:00+08:00",
"EndTime": "2022-05-10T23:59:00+08:00",
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

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Output Example


```
{
"Response": {
"TotalCount": 1,
"RequestId": "6f07d593-44d7-4bac-a119-e1923ab5b377",
"Data": [
{
"Area": "mainland",
"Domain": "test-add4.wellsjiang.com",
"LogPacketName": "20220811-02-test-add4.wellsjiang.com",
"LogTime": 1660212000,
"LogStartTime": "2023-07-26T06:00:00+08:00",
"LogEndTime": "2023-07-26T07:00:00+08:00",
"Size": 7539,
"Url": "https://log-down07-cn.edgeone.qcloud.com/2022081102-test-add4.wellsjiang.com.log.gz"
},
{
"Area": "overseas",
"Domain": "test.codegun.work",
"LogEndTime": "2023-07-26T07:14:59+08:00",
"LogPacketName": "20230725-2300-luatest3.codegun.work",
"LogStartTime": "2023-07-26T07:00:00+08:00",
"LogTime": 1690326000,
"Size": 708,
"Url": "https://log-down07-ov-test.edgeone.qcloud.com/20230725/23/251233206/202307252300-test.codegun.work.log.gz"
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
OperationDenied	Operation denied.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DownloadL4Logs

Last updated：2024-04-09 15:56:37

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to download L4 logs.

A maximum of 100 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DownloadL4Logs.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	The start time.
EndTime	Yes	Timestamp ISO8601	The end time.
ZoneIds.N	No	Array of String	ZoneId set. This parameter is required.
ProxyIds.N	No	Array of String	List of L4 proxy instance IDs.

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Limit	No	Integer	Limit on paginated queries. Default value: 20. Maximum value: 300.
Offset	No	Integer	The page offset. Default value: 0.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of query results.
Data	Array of L4OfflineLog	List of L4 logs.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 L7 Offline Logs

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DownloadL4Logs
<Common request parameters>

{
"Limit": 10,
"Offset": 0,
"StartTime": "2020-09-22T00:00:00+00:00",
"EndTime": "2020-09-22T00:00:00+00:00",
"ZoneIds": [
"zone-2mzegj4vln5f"
]
}
```

Output Example

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```
{
"Response": {
"RequestId": "8b6a2aa9-46ef-46e5-ba87-c0e96326adfe",
"Data": [
{
"Area": "mainland",
"LogPacketName": "20220811-10-proxy-1491-11ed-9792-525400655ede",
"LogTime": 1660212000,
"LogStartTime": "2023-07-26T06:00:00+08:00",
"LogEndTime": "2023-07-26T07:00:00+08:00",
"ProxyId": "proxy-1491-11ed-9792-525400655ede",
"Size": 20761,
"Url": "https://log-down04-cn.edgeone.qcloud.com/20220811/2022081110-proxy-1491-1
1ed-9792-52we0655ede.log.gz"
}
],
"TotalCount": 128
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceUnavailable	The resource is unavailable.

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CreateCLSIndex

Last updated：2024-04-09 15:56:48

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create key-value indexes for relevant delivered log fields in the corresponding Tencent Cloud CLS log topic for a specified real-time log delivery task (task-id). If such indexes have been created in CLS, this API will append indexes through merging.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateCLSIndex.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskId	Yes	String	The ID of the real-time log delivery task.

3. Output Parameters

Parameter Name	Type	Description

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a CLS Index

This example shows you how to create a key-value index in the corresponding Tencent Cloud CLS log topic according to the log field list in the configuration of the real-time log delivery task for a specified task-id under a zone-id.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateCLSIndex
<Common Request Parameters>

{
"ZoneId": "zone-2fgd17m19xw",
"TaskId": "26580056-1187-43ed-b2c7-ecdb5bae0b46"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CreateClsLogSetFailed	Failed to create the log set. Check whether the log set name already exists.

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CreateRealtimeLogDeliveryTask

Last updated：2024-05-29 14:55:50

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a real-time log delivery task. The following limits apply:
An entity (a Layer 7 domain name or a Layer 4 proxy instance) under the combination of the same data delivery type (LogType) and data delivery area (Area) can be added to only one real-time log delivery task. It is recommended to first query the real-time log delivery task list by entity through the DescribeRealtimeLogDeliveryTasks API to check whether the entity has been added to another real-time log delivery task.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateRealtimeLogDeliveryTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskName	Yes	String	The name of the real-time log delivery task, which is a combination of numbers, English letters, - and _, containing up to 200 characters.

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TaskType	Yes	String	The type of the real-time log delivery task. Valid values: • cls: Push to Tencent Cloud CLS; • custom_endpoint: Push to a user-defined HTTP(S) address; • s3: Push to an AWS S3-compatible bucket address.
EntityList.N	Yes	Array of String	The list of entities (Layer 7 domains or Layer 4 proxy instances) corresponding to the real-time log delivery task. Valid value examples: • Layer 7 domain: domain.example.com; • Layer 4 proxy instance: sid-2s69eb5wcms7. Reference for values DescribeAccelerationDomains DescribeApplicationProxies
LogType	Yes	String	The type of data delivery. Valid values: • domain: Site acceleration log; • application: Layer 4 proxy log; • web-rateLiming: Rate limit and CC attack defense log; • web-attack: Managed rule log; • web-rule: Custom rule log; • web-bot: Bot management log.
Area	Yes	String	The data delivery area. Valid values: • mainland: Within the Chinese mainland; • overseas: Global (excluding the Chinese mainland).
Fields.N	Yes	Array of String	The list of predefined fields for delivery.
CustomFields.N	No	Array of CustomField	The list of custom fields for delivery, supporting extracting specified field values from HTTP request headers, response headers, and cookies. Each custom field name must be unique and the maximum number of fields is 200.
DeliveryConditions.N	No	Array of DeliveryCondition	Log delivery filter conditions. If this field is not filled in, all logs will be delivered.
Sample	No	Integer	The sampling ratio in permille. Value range: 1 to 1000. For example, 605 represents a sampling ratio of 60.5%. If this field is not filled in, the sampling ratio is 100%.

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LogFormat	No	LogFormat	Output format for log delivery. If this field is not specified, the default format is used, which works as follows: • When TaskType is 'custom_endpoint', the default format is an array of JSON objects, with each JSON object representing a log entry; • When TaskType is 's3', the default format is JSON Lines; Specifically, when TaskType is 'cls', the only allowed value for LogFormat.FormatType is 'json', and other parameters in LogFormat will be ignored. It is recommended not to transfer LogFormat.
CLS	No	CLSTopic	The configuration information of CLS. This parameter is required when TaskType is cls.
CustomEndpoint	No	CustomEndpoint	The configuration information of the custom HTTP service. This parameter is required when TaskType is custom_endpoint.
S3	No	S3	The configuration information of the AWS S3-compatible bucket. This parameter is required when TaskType is s3.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	The ID of the successfully created task.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a Log Delivery Task with the Destination Set to Tencent Cloud CLS

This example shows you how to create a log delivery task with the destination set to Tencent Cloud CLS. The delivery data range includes the site acceleration log generated by domain.example.com in the Chinese mainland. The data

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includes the RequestID, ClientIP, and RequestTime fields, and field values extracted from the Accept-Language request header. The configuration sampling ratio is 60.5%.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-xxxxx",
"TaskName": "test_log_task",
"TaskType": "cls",
"EntityList": [
"domain.example.com"
],
"LogType": "domain",
"Area": "mainland",
"Fields": [
"RequestID",
"ClientIP",
"RequestTime"
],
"CustomFields": [
{
"Name": "ReqHeader",
"Value": "Accept-Language",
"Enabled": true
}
],
"Sample": 605,
"CLS": {
"LogSetId": "1a6efff1-0e40-4d37-a4ed-02c92513406b",
"TopicId": "0b3a07c0-5cf6-4017-8a75-cd4459aea588",
"LogSetRegion": "ap-guangzhou"
}
}
```

Output Example

```
{
"Response": {
"TaskId": "26580056-1187-43ed-b2c7-ecdb5bae0b46",
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
```

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```
}
}
```

Example2 Creating a Log Delivery Task with the Destination Set to a Custom HTTP Service

This example shows you how to create a log delivery task with the destination set to a custom HTTP service. The delivery data range includes the site acceleration log generated by domain.example.com in the Chinese mainland and with the final security handling method being interception or challenge. The data includes the RequestID, ClientIP, and RequestTime fields. Log sampling is disabled, log delivery compression is enabled, and the custom request header Vendor with a constant value of EdgeOne is carries during log delivery.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-xxxxx",
"TaskName": "test_log_task",
"TaskType": "custom_endpoint",
"EntityList": [
"domain.example.com"
],
"LogType": "domain",
"Area": "mainland",
"Fields": [
"RequestID",
"ClientIP",
"RequestTime"
],
"Sample": 1000,
"DeliveryConditions": [
{
"Conditions": [
{
"Key": "SecurityAction",
"Operator": "equal",
"Value": [
"Deny",
"JSChallenge",
"ManagedChallenge"
]
```

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```
}
]
}
],
"CustomEndpoint": {
"Url": "http://custom_endpoint/access_log/post",
"CompressType": "gzip",
"Headers": [
{
"Name": "Vendor",
"Value": "EdgeOne"
}
]
}
}
```

Output Example

```
{
"Response": {
"TaskId": "26580056-1187-43ed-b2c7-ecdb5bae0b46",
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CreateClsLogSetFailed	Failed to create the log set. Check whether the log set name already exists.
FailedOperation.CreateClsLogTopicTaskFailed	Failed to create the log topic task. Check whether the log topic name or task name already exists.
FailedOperation.CreateLogTopicTaskAuthFailure	Authentication failed while creating a custom push task. Check whether the push address is correct.
FailedOperation.RealtimeLogAuthFailure	The real-time log authentication failed.
FailedOperation.RealtimeLogNotFound	The real-time log push task does not exist.
InvalidParameter	Parameter error.
InvalidParameter.InvalidLogFormatFieldDelimiter	The field separator in the log output format is incorrect.
InvalidParameter.InvalidLogFormatFormatType	The log output format type is incorrect.
InvalidParameter.InvalidLogFormatRecordDelimiter	The log record separator in the log output format is incorrect.
InvalidParameter.RealtimeLogEntityAlreadyCreated	The push instance has been created.
InvalidParameter.RealtimeLogInvalidDeliveryArea	The log push region is invalid.
InvalidParameter.RealtimeLogInvalidLogType	The log push type is invalid.
InvalidParameter.RealtimeLogInvalidTaskType	The real-time log delivery type is invalid.
InvalidParameter.RealtimeLogNumsExceedLimit	The real-time log push task data exceeded the limit.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.

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OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable	The resource is unavailable.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyRealtimeLogDeliveryTask

Last updated：2024-06-05 14:40:56

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify the real-time log delivery task configuration. This API has the following restrictions:

- Does not support modifying the destination type of the real-time log delivery task (TaskType);
- Does not support modifying the data delivery type (LogType)
- Does not support modifying the data delivery area (Area)
- Does not support modifying the detailed destination configuration, such as log set and log topic, when the destination of the original real-time log delivery task is Tencent Cloud CLS.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyRealtimeLogDeliveryTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskId	Yes	String	The ID of the real-time log delivery task.

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TaskName	No	String	The name of the real-time log delivery task, which is a combination of numbers, English letters, - and _, containing up to 200 characters. If this field is not filled in, the original configuration will be retained.
DeliveryStatus	No	String	The status of the real-time log delivery task. Valid values: • `enabled` : Enabled; • `disabled` : Disabled. If this field is not filled in, the original configuration will be retained.
EntityList.N	No	Array of String	The list of entities (Layer 7 domains or Layer 4 proxy instances) corresponding to the real-time log delivery task. Valid value examples: • Layer 7 domain: domain.example.com; • Layer 4 proxy instance: sid-2s69eb5wcms7. If this field is not filled in, the original configuration will be retained. Reference for values DescribeAccelerationDomains DescribeApplicationProxies
Fields.N	No	Array of String	The list of predefined fields for delivery. If this field is not filled in, the original configuration will be retained.
CustomFields.N	No	Array of CustomField	The list of custom fields for delivery, supporting extracting specified field values from HTTP request headers, response headers, and cookies. Each custom field name must be unique and the maximum number of fields is 200. If this field is not filled in, the original configuration will be retained.
DeliveryConditions.N	No	Array of DeliveryCondition	Log delivery filter conditions. If this field is not filled in, all logs will be delivered.
Sample	No	Integer	The sampling ratio in permille. Value range: 1 to 1000. For example, 605 represents a sampling ratio of 60.5%. If this field is not filled in, the original configuration will be retained.
LogFormat	No	LogFormat	Output format for log delivery. If this field is not specified, the original configuration will be retained.Specifically, when TaskType is set to cls, the value of LogFormat.FormatType can only be

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			json, and other parameters in LogFormat will be ignored. It is recommended not to input LogFormat.
CustomEndpoint	No	CustomEndpoint	The configuration information of the custom HTTP service. If this field is not filled in, the original configuration will be retained.
S3	No	S3	The configuration information of the AWS S3-compatible bucket. If this field is not filled in, the original configuration will be retained.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Disabling Log Sampling

This example shows you how to modify the configuration of a successfully created real-time log delivery task and disable its log sampling feature. Before modification, the log sampling ratio is 60.5%. After modification, log sampling will no longer be performed, and 100% of the logs will be delivered to the destination.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpayol",
"TaskId": "17819248-77b0-4e1a-a979-d84b5a9b300p",
"Sample": 1000
}
```

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Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

Example2 Adding Acceleration Domains for Log Delivery

This example shows you how to modify the configuration of a successfully created real-time log delivery task and add acceleration domains for which logs need to be delivered. Before modification, only the site acceleration log of domain1.example.com is delivered. After modification, the site acceleration logs of domain1.example.com, domain2.example.com, and domain3.example.com will be delivered.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-2ju9lrnpayol",
"TaskId": "17819248-77b0-4e1a-a979-d84b5a9b300p",
"EntityList": [
"domain1.example.com",
"domain2.example.com",
"domain3.example.com"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

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SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CreateLogTopicTaskAuthFailure	Authentication failed while creating a custom push task. Check whether the push address is correct.
InvalidParameter.InvalidLogFormatFieldDelimiter	The field separator in the log output format is incorrect.
InvalidParameter.InvalidLogFormatFormatType	The log output format type is incorrect.
InvalidParameter.InvalidLogFormatRecordDelimiter	The log record separator in the log output format is incorrect.
LimitExceeded.CustomLogFieldRegexLimitExceeded	The number of regular expression type fields in real-time log custom fields exceeds the limit.

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DeleteRealtimeLogDeliveryTask

Last updated：2024-04-09 15:57:19

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete a real-time log delivery task.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteRealtimeLogDeliveryTask.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
TaskId	Yes	String	The ID of the real-time log delivery task.

3. Output Parameters

Parameter Name	Type	Description

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a Real-time Log Delivery Task

This example shows you how to delete a real-time log delivery task with a specified task-id.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteRealtimeLogDeliveryTask
<Common request parameters>

{
"ZoneId": "zone-2qtwuwmeaaae",
"TaskId": "17819248-77b0-4e1a-a979-d84b5a9b300p"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-ac39-1706cbf8a703"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.

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DescribeRealtimeLogDeliveryTasks

Last updated：2024-05-29 14:55:49

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the real-time log delivery task list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeRealtimeLogDeliveryTasks.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Offset	No	Integer	The offset of paginated query. Default value: 0.
Limit	No	Integer	The limit of paginated query. Default value: 20. Maximum value: 1000.
Filters.N	No	Array of AdvancedFilter	Filter conditions. The maximum value for Filters.Values is 20. If this field is not filled in, all the real-time log delivery task information under the current zone-id will be returned. Detailed filter conditions are as follows:

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			• task-id: Filter by real-time log delivery task ID. Fuzzy search is not supported. • task-name: Filter by real-time log delivery task name. Fuzzy search is supported, but only one real-time log delivery task name can be filled in for fuzzy search. • entity-list: Filter by entity corresponding to the real-time log delivery task. Fuzzy search is not supported. Example values: domain.example.com or sid-2s69eb5wcms7. • task-type: Filter by real-time log delivery task type. Fuzzy search is not supported. Optional values: cls: Push to Tencent Cloud CLS; custom_endpoint: Push to a user-defined HTTP(S) address; s3: Push to an AWS S3-compatible bucket address.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	The number of real-time log delivery tasks which match the query conditions.
RealtimeLogDeliveryTasks	Array of RealtimeLogDeliveryTask	The list of all real-time log delivery tasks which match the query conditions.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying All Real-time Log Delivery Task Information for a Specific Site

Query all real-time log delivery task information for a specified zone ID.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRealtimeLogDeliveryTasks
```

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```
<Common request parameters>

{
"ZoneId": "zone-2ur49nglp1a2",
"Offset": 0,
"Limit": 1000
}
```

Output Example

```
{
"Response": {
"RealtimeLogDeliveryTasks": [
{
"Area": "overseas",
"CLS": {
"LogSetId": "980611e5-3eb2-430f-a0cc-e1c4e84a9e40",
"LogSetRegion": "ap-guangzhou",
"TopicId": "d258c060-dc6e-4586-8b7c-6a951667fa7a"
},
"CreateTime": "2024-03-26T03:00:39+08:00",
"CustomEndpoint": null,
"CustomFields": [],
"DeliveryConditions": [],
"DeliveryStatus": "enabled",
"EntityList": [
"qqqq.loliyu.com"
],
"Fields": [
"RequestID",
"ClientIP",
"ClientRegion",
"RequestTime",
"RequestHost",
"RequestBytes",
"RequestMethod",
"RequestUrl",
"RequestUrlQueryString",
"RequestUA",
"RequestRange",
"RequestReferer",
"RequestProtocol",
"RemotePort",
"EdgeCacheStatus",
"EdgeResponseStatusCode",
"EdgeResponseBytes",
```

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```
"EdgeResponseTime",
"EdgeInternalTime",
"ClientState",
"ClientISP",
"EdgeServerID",
"EdgeServerIP"
],
"LogFormat": null,
"LogType": "domain",
"S3": null,
"Sample": 0,
"TaskId": "f0e1686a-1c4e-4f15-967b-5afb2a0803ea",
"TaskName": "ccc",
"TaskType": "cls",
"UpdateTime": "2024-03-26T03:10:13+08:00"
}
],
"RequestId": "05205d07-f582-444d-b558-b338a3f68857",
"TotalCount": 1
}
}
```

Example2 Querying Real-time Log Delivery Task Information by Acceleration Domain Name

Query real-time log delivery task information for a specified acceleration domain name. If TotalCount in returned output result is '0', it indicates that this acceleration domain name has not been added to any Real-time Log Delivery Task.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeRealtimeLogDeliveryTasks
<Common request parameters>

{
"ZoneId": "zone-2o7b38ba1hvr",
"Offset": 0,
"Limit": 20,
"Filters": [
{
"Name": "entity-list",
"Values": [
"domain.example.com"
]
```

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```
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"RealtimeLogDeliveryTasks": [],
"RequestId": "f025c1f0-cb83-41b1-bb7d-565af7e28479"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

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UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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Billing APIs
CreatePlan

Last updated：2024-05-29 14:56:54

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

If you need to use the EdgeOne product, you must create a billing plan through this interface.

> After creating a plan, you need to complete the process of creating a site and binding the plan through CreateZone, so that the EdgeOne can provide services properly.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanType	Yes	String	Type of plan subscribed to. Valid values: • personal: Personal Edition Plan, prepaid;

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			• basic: Basic Edition Plan, prepaid; • standard: Standard Edition Plan, prepaid; • enterprise: Enterprise Edition Plan, post-paid. When subscribing to a prepaid plan, ensure there is sufficient balance in the account, as insufficient balance will result in a pending payment order. For an overview of billing, refer to Billing Overview. For differences between plans, refer to Comparison of EdgeOne Plan.
AutoUseVoucher	No	String	Whether to automatically use a voucher. Valid values: • true: Yes; • false: No. This parameter is valid only when PlanType is personal, basic, or standard. If this field is not specified, the default value 'false' will be used.
PrepaidPlanParam	No	PrepaidPlanParam	Parameters for subscribing to prepaid plans. When PlanType is personal, basic, or standard, this parameter can be optionally set to specify the subscription duration and whether to enable auto-renewal for the plan. If this field is not specified, the default plan duration is 1 month, with auto-renewal disabled.

3. Output Parameters

Parameter Name	Type	Description
PlanId	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

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Example1 Creating Personal Edition Billing Plan

Create a Personal Edition Billing Plan, with a duration of 1 month, and set it not to auto-renew.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePlan
<Common request parameters>

{
"PlanType": "personal",
"PrepaidPlanParam": {
"Period": 1,
"RenewFlag": "off"
},
"AutoUseVoucher": "false"
}
```

Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461",
"PlanId": "edgeone-2unuvzjmmn2q",
"DealName": "2024031234700100472373 1"
}
}
```

Example2 Creating Enterprise Edition Plan

Create an Enterprise Edition Plan.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePlan
<Common request parameters>

{
"PlanType": "enterprise"
}
```

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Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461",
"PlanId": "edgeone-2unuvzjmmn2q",
"DealName": "20240312347001004723731"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidAutoUseVoucher	The format of automatically used vouchers is incorrect. Enter the correct format.

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InvalidParameter.InvalidPeriod	The plan cycle format is incorrect. Enter the correct format.
InvalidParameter.InvalidPlanType	The plan type format is incorrect. Enter the correct format.
InvalidParameter.InvalidRenewFlag	The auto-renewal flag format is incorrect. Enter the correct format.
OperationDenied.PleaseContactBusinessPersonnel	To create an Enterprise Edition Plan, contact the business personnel.

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UpgradePlan

Last updated：2024-05-29 14:56:50

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

When you need features available only in higher-tier plans, you can upgrade your plan through this interface. Upgrades are only supported for Personal and Basic Edition Plans.

> For differences between EdgeOne billing plans, refer to Comparison of EdgeOne Plans.
> For EdgeOne plan upgrade rules and pricing details, refer to EdgeOne Plan Upgrade Guide.
> If your plan needs to upgrade to the Enterprise Edition, Contact Us.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpgradePlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
PlanType	Yes	String	Target plan version for upgrade. Valid values: • basic: Basic Edition Plan;

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			• standard: Standard Edition Plan.
AutoUseVoucher	No	String	Whether to automatically use a voucher. Valid values: • true: Yes; • false: No. If this field is not specified, the default value 'false' will be used.

3. Output Parameters

Parameter Name	Type	Description
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Upgrading Prepaid Plan to Standard Edition

Upgrade the prepaid plan edgeone-2unuvzjmmn2q to the Standard Edition without using the voucher.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: UpgradePlan
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"PlanType": "standard",
"AutoUseVoucher": "false"
}
```

Output Example

```
{
"Response": {
```

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```
"DealName": "20240312347001004723731",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidAutoUseVoucher	The format of automatically used vouchers is incorrect. Enter the correct format.
InvalidParameter.InvalidPlanType	The plan type format is incorrect. Enter the correct format.
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.EnterprisePlanUpgradeUnsupported	The Enterprise Edition Plan does not support

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	upgrades.
OperationDenied.PlanDowngradeNotAllowed	A plan downgrade is not supported.
OperationDenied.PlanHasBeenExpired	The plan has expired.
OperationDenied.PlanHasBeenIsolated	The plan has been isolated.
OperationDenied.ResourceHasBeenLocked	Billing resources are in operation. Try again later.

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RenewPlan

Last updated：2024-05-29 14:56:50

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

When your plan needs to be extended, you can use this interface to renew it. Plan renewal is only supported for the Personal, Basic, and Standard Editions.

> For cost details, refer to Plan Fees.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: RenewPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
Period	Yes	Integer	Renewal plan duration, unit: month. Valid values: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 24, 36.
AutoUseVoucher	No	String	Whether to automatically use a voucher. Valid values:

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			• true: Yes; • false: No. If this field is not specified, the default value 'false' will be used.

3. Output Parameters

Parameter Name	Type	Description
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Renewing Plan for Three Months

The plan edgeone-2unuvzjmmn2q is renewed for three months and the voucher will not be automatically used.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: RenewPlan
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"Period": 3,
"AutoUseVoucher": "false"
}
```

Output Example

```
{
"Response": {
"DealName": "2024031234700100472373 1",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
```

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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidAutoUseVoucher	The format of automatically used vouchers is incorrect. Enter the correct format.
InvalidParameter.InvalidPeriod	The plan cycle format is incorrect. Enter the correct format.
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.EnterprisePlanRenewUnsupported	The Enterprise Edition Plan does not support renewal.
OperationDenied.ResourceHasBeenLocked	Billing resources are in operation. Try again later.

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ModifyPlan

Last updated：2024-05-29 14:56:51

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

Modify the plan settings. Currently, only the auto-renewal switch of prepaid plans can be modified.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
RenewFlag	No	RenewFlag	Auto-renewal configuration item in a prepaid plan. If auto-renewal is enabled, the plan will be automatically renewed one day before it expires. This feature is only available for Personal, Basic, and Standard Edition Plans. If this field is not specified, the original configuration will be retained.

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying Auto-Renewal Tag for Prepaid Plan

Enable the auto-renewal feature for the prepaid plan edgeone-2unuvzjmmn2q.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPlanRenewFlag
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"RenewFlag": {
"Switch": "on"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.EnterprisePlanAutoRenewUnsupported	The Enterprise Edition Plan does not support auto-renewal.
OperationDenied.PlanHasBeenIsolated	The plan has been isolated.

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IncreasePlanQuota

Last updated：2024-05-29 14:56:52

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

When the number of sites bound to your plan, the number of rules under "Web Protection - Custom Rules - Precision Matching Policy", or the number of rules under "Web Protection - Rate Limiting - Precision Rate Limiting Module" reaches the plan's quota, you can use this interface to purchase additional quotas.

> This interface only supports the Enterprise Edition Plan.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: IncreasePlanQuota.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PlanId	Yes	String	Plan ID, formatted as edgeone-2unuvzjmmn2q.
QuotaType	Yes	String	The types of new plan quotas available include: • site: Number of sites;

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			• precise_access_control_rule: the number of rules under "Web Protection - Custom Rules - Precision Matching Policy"; • rate_limiting_rule: the number of rules under "Web Protection - Rate Limiting - Precision Rate Limiting Module".
QuotaNumber	Yes	Integer	Number of new quotas. The maximum number of quotas that can be added at one time is 100.

3. Output Parameters

Parameter Name	Type	Description
DealName	String	Order number.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Adding Site Number Quota to Plan

Add 10 site number quotas for the plan edgeone-2unuvzjmmn2q.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPlanQuota
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"QuotaType": "site",
"QuotaNumber": 10
}
```

Output Example

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```
{
"Response": {
"DealName": "20240312347001004723731",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

Example2 Adding Custom Rule Quotas to Plan

Add 10 rule quotas for "Web Protection - Custom Rules - Precision Matching Policy" to the plan edgeone-2unuvzjmmn2q.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPlanQuota
<Common request parameters>

{
"PlanId": "edgeone-2unuvzjmmn2q",
"QuotaType": "precise_access_control_rule",
"QuotaNumber": 10
}
```

Output Example

```
{
"Response": {
"DealName": "20240312347001004723731",
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InvalidParameter.InvalidQuotaNumber	The quota quantity format is incorrect. Enter the correct format.
InvalidParameter.InvalidQuotaType	The quota type format is incorrect. Enter the correct quota type format.
OperationDenied.PlanHasBeenIsolated	The plan has been isolated.
OperationDenied.PlanIncreasePlanQuotaUnsupported	This plan does not support the purchase of additional plan quotas.
OperationDenied.ResourceHasBeenLocked	Billing resources are in operation. Try again later.

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DestroyPlan

Last updated：2024-05-29 14:56:53

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

To stop billing for your EdgeOne plan, you can use this interface to terminate the billing plan.

> Terminating a billing plan requires the following conditions:
> 1. The plan has expired (except for the Enterprise Edition Plan);
> 2. All sites under the plan have been either shut down or deleted.

> The site status can be queried through the Query Site List interface.
> A site can be deactivated by switching the site to a closed status through the Switch Site Status interface.
> A site can be deleted by using the Delete Site interface.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DestroyPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.

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PlanId	Yes	String	Plan ID, in the format of edgeone-2wdo315m2y4c.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Terminating Billing Plan

Terminate the billing plan edgeone-2wdo315m2y4c.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DestroyPlan
<Common request parameters>

{
"PlanId": "edgeone-2wdo315m2y4c"
}
```

Output Example

```
{
"Response": {
"RequestId": "6a617014-efc9-45c6-ba9d-c87d70472461"
}
}
```

5. Developer Resources

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SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameter.PlanNotFound	The plan doesn't exist.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.

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CreatePlanForZone

Last updated：2024-05-29 14:56:01

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to purchase a plan for a new site.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePlanForZone.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.
PlanType	Yes	String	The plan option. Values: • `sta` : Standard plan that supports content delivery network outside the Chinese mainland. • `sta_with_bot` : Standard plan that supports content delivery network outside the Chinese mainland and bot management. • `sta_cm` : Standard plan that supports content delivery network inside the Chinese mainland. • `sta_cm_with_bot` : Standard plan that supports content delivery network inside the Chinese mainland and bot management.

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			• `sta_global` : Standard plan that supports content delivery network over the globe. • `sta_global_with_bot` : Standard plan that supports content delivery network over the globe and bot management. • `ent` : Enterprise plan that supports content delivery network outside the Chinese mainland. • `ent_with_bot` : Enterprise plan that supports content delivery network outside the Chinese mainland and bot management. • `ent_cm` : Enterprise plan that supports content delivery network inside the Chinese mainland. • `ent_cm_with_bot` : Enterprise plan that supports content delivery network inside the Chinese mainland and bot management. • `ent_global` : Enterprise plan that supports content delivery network over the globe. • `ent_global_with_bot` : Enterprise plan that supports content delivery network over the globe and bot management. To get the available plan options for your account, view the output from DescribeAvailablePlans.

3. Output Parameters

Parameter Name	Type	Description
ResourceNames	Array of String	List of purchased resources.
DealNames	Array of String	List or order numbers.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 CreatePlanForZone

This example shows you how to create a plan for a zone.

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Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreatePlanForZone
<Common Request Parameters>

{
"ZoneId": "zone-25z65bfb4414",
"PlanType": "sta"
}
```

Output Example

```
{
"Response": {
"RequestId": "a06f52e7-2aab-4510-b2c2-1065bfb4414c",
"ResourceNames": [
"plan_sta"
],
"DealNames": [
"20220801354001100110 01"
]
}
}
```

5. Developer Resources

SDK

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.ZoneHasBeenBound	The site is already bound.
OperationDenied	Operation denied.
OperationDenied.DomainNoICP	The domain name doesn't have an ICP filing number.

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BindZoneToPlan

Last updated：2024-04-09 10:26:18

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to bind a site to a plan.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: BindZoneToPlan.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site to be bound.
PlanId	Yes	String	ID of the target plan.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

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		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Binding a site to a target plan

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: BindZoneToPlan
<Common request parameters>

{
"ZoneId": "zone-xxyyyzzz",
"PlanId": "edgeone-qqqwwweee"
}
```

Output Example

```
{
"Response": {
"RequestId": "fd9d86df-b7e8-4469-b928-18cb7fd145641"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError	Internal error.
InvalidParameter.PlanNotFound	The plan doesn't exist.
InvalidParameter.ZoneHasBeenBound	The site is already bound.
InvalidParameter.ZoneNotFound	The site does not exist.
InvalidParameterValue	Invalid parameter value.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
ResourceNotFound	The resource doesn't exist.

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DescribeBillingData

Last updated：2024-04-09 10:26:16

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query billing data.

A maximum of 50 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeBillingData.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
StartTime	Yes	Timestamp ISO8601	Start time of the query.
EndTime	Yes	Timestamp ISO8601	End time of the query.
ZoneIds.N	Yes	Array of String	Zone ID set. This parameter is required.
MetricName	Yes	String	Indicator list. Valid values: • acc_flux: Content acceleration traffic, in bytes;

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			• smt_flux: Smart acceleration traffic, in bytes; • l4_flux: Layer 4 acceleration traffic, in bytes; • sec_flux: Exclusive DDoS mitigation traffic, in bytes; • zxctg_flux: Cross-MLC-border acceleration traffic, in bytes; • acc_bandwidth: Content acceleration bandwidth, in bps; • smt_bandwidth: Smart acceleration bandwidth, in bps; • l4_bandwidth: Layer 4 acceleration bandwidth, in bps; • sec_bandwidth: Exclusive DDoS mitigation bandwidth, in bps; • zxctg_bandwidth: Cross-MLC-border acceleration bandwidth, in bps; • sec_request_clean: HTTP/HTTPS requests, in count; • smt_request_clean: Smart acceleration requests, in count; • quic_request: QUIC requests, in count; • bot_request_clean: Bot requests, in count; • cls_count: Real-time log delivery log counts, in count; • ddos_bandwidth: Exclusive DDoS mitigation elastic bandwidth, in bps.
Interval	Yes	String	Query granularity. Valid values: • 5min: 5-minute granularity; • hour: 1-hour granularity; • day: 1-day granularity.
Filters.N	No	Array of BillingDataFilter	Filter. The detailed filters are as follows: • host: Filter by Domain Name. Example: test.example.com. • proxy-id: Filter by Layer 4 Proxy Instance ID. Example: sid-2rugn89bkla9. • region-id: Filter by Billing Region.Options are: CH: Chinese mainland AF: Africa AS1: Asia-Pacific Region 1 AS2: Asia-Pacific Region 2 AS3: Asia-Pacific Region 3 EU: Europe MidEast: Middle East NA: North America SA: South America

3. Output Parameters

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Parameter Name	Type	Description
Data	Array of BillingData	Note: This field may return null, indicating that no valid values can be obtained.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying content acceleration traffic in the specified zone and billing region

This example shows you how to query the billing volume of content acceleration traffic with a specific zone ID and region ID on a daily granularity.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeBillingData
<Common Request Parameters>

{
"StartTime": "2024-01-01T00:00:00+08:00",
"EndTime": "2024-01-24T03:20:00+08:00",
"Interval": "day",
"MetricName": "acc_flux",
"Filters": [
{
"Type": "region-id",
"Value": "MidEast"
}
],
"ZoneIds": [
"zone-2smdfso9dr58"
]
}
```

Output Example

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```
{
"Response": {
"RequestId": "457e8933-4296-4878-9a7f-fb888559e29e",
"Data": [
{
"Time": "2023-12-31T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-01T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-02T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-03T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-04T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-05T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-06T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-07T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-08T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-09T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-10T16:00:00Z",
```


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```
"Value": 0
},
{
"Time": "2024-01-11T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-12T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-13T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-14T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-15T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-16T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-17T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-18T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-19T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-20T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-21T16:00:00Z",
"Value": 0
},
{
```


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```
"Time": "2024-01-22T16:00:00Z",
"Value": 0
},
{
"Time": "2024-01-23T16:00:00Z",
"Value": 0
}
]
}
}
```


5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.
InvalidParameter.InvalidInterval	Invalid interval. The value should be either [min 5min hour day].

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InvalidParameter.InvalidMetric	The query dimension is invalid.
InvalidParameter.ZoneHasNotBeenBoundToPlan	The zone is not bound to a package.

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DescribeAvailablePlans

Last updated：2024-04-09 10:26:16

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query plan options available for purchase.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAvailablePlans.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.

3. Output Parameters

Parameter Name	Type	Description
PlanInfo	Array of PlanInfo	Plans available for the current user Note: This field may return null, indicating that no valid values can be obtained.

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying available plan options

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeAvailablePlans
<Common request parameters>

{}
```

Output Example

```
{
"Response": {
"RequestId": "e9fa0c8b-3c73-9ec2-cb5c-faa4725e0e07",
"PlanInfo": [
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta",
"Price": 450000,
"Request": 50000000,
"SiteNumber": 1
},
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta_with_bot",
"Price": 1262500,
"Request": 50000000,
"SiteNumber": 1
},
```

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```
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta_cm",
"Price": 380000,
"Request": 50000000,
"SiteNumber": 1
},
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 3000000000000,
"Frequency": "m",
"PlanType": "sta_cm_with_bot",
"Price": 1192500,
"Request": 50000000,
"SiteNumber": 1
},
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent",
"Price": 10228400,
"Request": 80000000,
"SiteNumber": 1
},
{
"Area": "overseas",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent_with_bot",
"Price": 11216400,
"Request": 80000000,
"SiteNumber": 1
},
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent_cm",
"Price": 8637300,
```


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```
"Request": 80000000,
"SiteNumber": 1
},
{
"Area": "mainland",
"Currency": "CNY",
"Flux": 10000000000000,
"Frequency": "m",
"PlanType": "ent_cm_with_bot",
"Price": 9625300,
"Request": 80000000,
"SiteNumber": 1
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

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Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.

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Certificate APIs
DescribeDefaultCertificates

Last updated：2024-05-29 14:55:57

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query a list of default certificates.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDefaultCertificates.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	Zone ID.
Filters.N	No	Array of Filter	Filter criteria. Each filter criteria can have up to 5 entries. • `zone-id` : Filter by **site ID**, such as zone-xxx Type: String Required: No
Offset	No	Integer	Offset for paginated queries. Default value: `0`

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Limit	No	Integer	Limit on paginated queries. Default value: `20` . Maximum value: `100` .

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of certificates
DefaultServerCertInfo	Array of DefaultServerCertInfo	List of default certificates
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Obtaining the default certificate

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeDefaultCertificates
<Common Request Parameters>

{
"Filters": [
{
"Name": "zone-id",
"Values": [
"zone-fafcasdf"
]
}
]
}
```

Output Example

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```
{
"Response": {
"TotalCount": 1,
"RequestId": "084d5612-67a7-4aca-aac9-827aa3662b2d",
"DefaultServerCertInfo": [
{
"Status": "deployed",
"CertId": "teo-285inl1otbtd",
"SubjectAltName": [
"*.test.com",
"test.com"
],
"EffectiveTime": "2020-09-22T00:00:00+00:00",
"CommonName": "test.com",
"ExpireTime": "2020-09-22T00:00:00+00:00",
"Alias": "EdgeOne default",
"Message": "",
"Type": "default"
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
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Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.DBError	Database error.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied	Operation denied.
ResourceUnavailable.ZoneNotFound	The site does not exist or is not belong to this account.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyHostsCertificate

Last updated：2024-05-29 14:55:57

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to configure the certificate of a site. You can use your own certificate or apply for a free certificate. To use an external certificate, upload the certificate to SSL Certificates Console first, and then input the certificate ID in this API. For details, see Deploying Own Certificates to EdgeOne Domains.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyHostsCertificate.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	ID of the site.
Hosts.N	Yes	Array of String	Domain names that you need to modify the certificate configuration
Mode	No	String	Certificate configuration mode. Values: • `disable` : (Default) Do not configure the certificate

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			• `eofreecert` : Use a free certificate provided by EdgeOne • `sslcert` : Configure an SSL certificate.
ServerCertInfo.N	No	Array of ServerCertInfo	ID of the SSL certificate. It takes effect when `mode=sslcert` . To check the certificate ID, go to the SSL Certificate console.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Configuring an SSL certificate

Add the certificate `cert-244ffgv 7m17xw` to the domain name `abc.test.com` under the site `zone-2fgd 17m17xw` .

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyHostsCertificate
<Common request parameters>

{
"ZoneId": "zone-2fgd17m17xw",
"Hosts": [
"abc.test.com"
],
"Mode": "sslcert",
"ServerCertInfo": [
{
"CertId": "cert-244ffgv7m17xw"
}
```

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```
]
}
```

Output Example

```
{
"Response": {
"RequestId": "5e5a0d0f-52f3-4bad-9bd3-dcf1d5c954e7"
}
}
```

Example2 Configuring a free certificate

Configure a free certificate for the domain name `abc.test.com` under the site `zone-2fgd17m17xw` .

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyHostsCertificate
<Common request parameters>

{
"ZoneId": "zone-2fgd17m17xw",
"Hosts": [
"abc.test.com"
],
"Mode": "eofreecert"
}
```

Output Example

```
{
"Response": {
"RequestId": "084d5612-67a7-4aca-aac9-827aa3662b2d"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.CertificateHasExpired	Failed to publish: The certificate has expired.
FailedOperation.CertificateNotFound	The certificate does not exist.
FailedOperation.InvalidZoneStatus	The site status is invalid.
FailedOperation.ModifyFailed	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InternalError.GetRoleError	Failed to get the role.
InternalError.ProxyServer	An unknown error occurred in the backend server.
InternalError.RouteError	The backend routing address is incorrect.
InternalError.SystemError	Internal system error.

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InternalError.UnknowError	Unknown error.
InvalidParameter.ActionInProgress	Too many attempts. Please try again later.
InvalidParameter.CertNotMatchDomain	Mismatch between the HTTPS certificate and the domain name.
InvalidParameter.CertToExpire	The HTTPS certificate is about to expire.
InvalidParameter.CertTooShortKeySize	Certificate error.
InvalidParameter.CnameWildHostNotAllowApplyCertificate	Unable to apply for a wildcard certificate under CNAME mode.
InvalidParameter.HostStatusNotAllowApplyCertificate	CNAME is not switched or the origin is not routed to the EdgeOne server.
InvalidParameter.InvalidCertInfo	Incorrect certificate information.
InvalidParameter.InvalidHttpsCertInfo	Invalid HTTPS certificate.
InvalidParameter.InvalidHttpsTlsVersion	Invalid HTTPS TLS version.
InvalidParameter.ZoneIsGrayPublishing	The site is being upgraded. Changing is not supported. Please try again later.
LimitExceeded.RateLimitExceeded	Reached the API rate limit.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the site is being disabled. Please try again later.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.VersionControlIsGraying	There is a test version in use. Please release the test version to the live environment, or roll back the test version and try again.
ResourceInUse	The resource is occupied.
ResourceUnavailable.CertNotFound	The certificate does not exist or is not authorized.
ResourceUnavailable.HostNotFound	The domain name does not exist or not use a proxy.

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UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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Load Balancing APIs
CreateOriginGroup

Last updated：2024-05-29 14:55:51

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create an origin group for easy management. The created origin server group can be used for **adding acceleration domain names** and **layer-4 proxy configuration**.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID
Name	No	String	Origin group name. It can contain 1 to 200 characters ([a-z], [A-Z], [0-9] and [_-]).
Type	No	String	(Required) Origin group type. Values:

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			• `GENERAL` : General origin groups. It supports IPs and domain names. It can be referenced by DNS, Rule Engine, Layer 4 Proxy and General LoadBalancer. • `HTTP` : HTTP-specific origin groups. It supports IPs/domain names and object storage buckets. It can be referenced by acceleration domain names, rule engines and HTTP LoadBalancer. It cannot be referenced by L4 proxies.
Records.N	No	Array of OriginRecord	(Required) Origins in the origin group.
HostHeader	No	String	Host header used for origin-pull. It only works when `Type=HTTP` . The `HostHeader` specified in `RuleEngine` takes a higher priority over this configuration.

3. Output Parameters

Parameter Name	Type	Description
OriginGroupId	String	The ID of the origin group.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating an origin group

This example shows you how to create an HTTP-specific origin groups.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2kblak89bkx1",
```

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```
"Name": "edgeone-origin",
"Type": "HTTP",
"Records": [
{
"Record": "1.1.1.1",
"Type": "IP_DOMAIN",
"Weight": 20
},
{
"Record": "s3.test.tencent.com",
"Type": "AWS_S3",
"Weight": 30
}
]
}
```

Output Example

```
{
"Response": {
"OriginGroupId": "origin-df19b73e-3a4c-11ee-a68f-5254000a367f",
"RequestId": "8240f255-241c-4bae-979f-4738d7ea3f84"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

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- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InternalError.ConfigLocked	The configuration is locked. Please unlock and try again.
InvalidParameter.HostHeaderInvalid	Host header error
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidOriginGroupType	The origin server group type is incorrect.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.OriginNameExists	The origin group name already exists.
InvalidParameter.OriginRecordFormatError	Incorrect origin server format.
InvalidParameter.OriginRecordWeightValue	Weight value range: 0-100.
InvalidParameter.OriginThirdPartyParamFormatError	The key format is incorrect.
LimitExceeded	The quota limit has been reached.
OperationDenied	Operation denied.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.LoadBalancingZoneIsNotActive	The site status does not support operations on load balancers.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.

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ModifyOriginGroup

Last updated：2024-05-29 14:55:50

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify the configuration of an origin group. The original configuration will be overwritten.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Site ID
GroupId	No	String	(Required) Origin group ID
Name	No	String	Origin group name. It can contain 1 to 200 characters ([a-z], [A-Z], [0-9] and [_-]). The original configuration applies if this field is not specified.
Type	No	String	The origin grouptype. Values: • `GENERAL` : General origin groups. It supports IPs and domain names. It can be referenced by DNS, Rule Engine, Layer

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			4 Proxy and General LoadBalancer. • `HTTP` : HTTP-specific origin groups. It supports IPs/domain names and object storage buckets. It can be referenced by acceleration domain names, rule engines and HTTP LoadBalancer. It cannot be referenced by L4 proxies. The original configuration is used if it's not specified.
Records.N	No	Array of OriginRecord	Origin information. The original configuration is used if it's not specified.
HostHeader	No	String	Host header used for origin-pull. It only works when `Type=HTTP` . If it's not specified, no specific Host header is configured. The `HostHeader` specified in `RuleEngine` takes a higher priority over this configuration.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Renaming an origin group

This example shows you how to rename an origin group to `edgeone-new-origin` .

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2kblak89bkx1",
"GroupId": "origin-df19b73e-3a4c-11ee-a68f-5254000a367f",
```

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```
"Name": "edgeone-rename-origin"
}
```

Output Example

```
{
"Response": {
"RequestId": "c2886bcd-173f-499e-b425-022ceaf636d8"
}
}
```

Example2 Modifying an origin group

This example show you how to modify origins in an origin group in an overwriting manner.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2nrle17s0v0r",
"GroupId": "origin-afbce0e9-6e8a-11ee-8944-52540084caf1",
"Records": [
{
"Record": "2.2.2.2",
"Type": "IP_DOMAIN"
},
{
"Record": "3.3.3.3",
"Type": "IP_DOMAIN"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "39f96a44-9a52-4a9f-8b76-4ccc9e496f40"
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter.HostHeaderInvalid	Host header error
InvalidParameter.InvalidAwsRegion	Invalid region. Please fill in a correct region of the third-party object storage service.
InvalidParameter.InvalidOriginIp	The origin cannot be a private IP or loopback address.
InvalidParameter.OriginL4RecordIPV4MixDomain	The layer-4 proxy strictly prohibits mixing IPs and domain names.
InvalidParameter.OriginL4RecordMultiDomain	Usage of multi-domain origin server is forbidden for layer-4 proxy.

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InvalidParameter.OriginNameExists	The origin group name already exists.
InvalidParameter.OriginRecordFormatError	Incorrect origin server format.
OperationDenied	Operation denied.
OperationDenied.AccelerationDomainStatusNotInOnline	An L7 DNS service referencing the origin group is being deployed. Please edit later.
OperationDenied.L4StatusNotInOnline	Unable to operate the L4 instance when it's not running
OperationDenied.LoadBalanceStatusNotInOnline	The affiliated Cloud Load Balancer is not in a running state. Operation is forbidden.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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DeleteOriginGroup

Last updated：2024-05-29 14:55:51

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete an origin group. Note that an origin group can not be deleted if it is referenced by services (e.g. L4 Proxy, domain name service, load balancing, rule engines).

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
GroupId	No	String	Origin server group ID. This parameter is required.

3. Output Parameters

Parameter Name	Type	Description

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting an origin group

This example shows you how to delete an origin group.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteOriginGroup
<Common request parameters>

{
"ZoneId": "zone-2kblak89bkx1",
"GroupId": "origin-057c4d82-383c-11ee-8888-525400682e90"
}
```

Output Example

```
{
"Response": {
"RequestId": "5453af19-f084-4038-915c-88d9c4fe9c4e"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
OperationDenied	Operation denied.
OperationDenied.OriginGroupAccelerationDomainUsed	Failed to delete: The acceleration domain name is in use.
OperationDenied.OriginGroupL4Used	The Layer 4 proxy is in use and cannot be deleted.
OperationDenied.OriginGroupLBUsed	The Cloud Load Balancer is in use and cannot be deleted.
OperationDenied.OriginGroupRuleEngineUsed	The rule engine is in use and cannot be deleted.
ResourceNotFound	The resource doesn't exist.
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.

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DescribeOriginGroup

Last updated：2024-05-29 14:55:50

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to obtain a list of origin groups.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeOriginGroup.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	No	String	(Required) Site ID
Offset	No	Integer	The paginated query offset. Default value: 0
Limit	No	Integer	Limit on paginated queries. Value range: 1-1000. Default value: 20.
Filters.N	No	Array of AdvancedFilter	Filters. Each filter can have up to 20 entries. See below for details: • `origin-group-id` Filter by the **origin group ID**. Format: `origin-2ccgtb24-`

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			`7dc5-46s2-9r3e-95825d53dwe3a` Fuzzy query is not supported • `origin-group-name` Filter by the **origin group name** Fuzzy query is supported. When fuzzy query is used, only one origin groupsource site group name is supported

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of records.
OriginGroups	Array of OriginGroup	Origin group information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the list of origin groups

This example shows you how to query the list of origin groups by a specified ID.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeOriginGroup
<Common request parameters>

{
"Filters": [
{
"Name": "origin-group-id",
"Values": [
"origin-057c4d82-383c-11ee-8888-525400682e90"
]
```

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```
}
]
}
```

Output Example


```
{
"Response": {
"OriginGroups": [
{
"CreateTime": "2023-08-11T19:41:33Z",
"GroupId": "origin-057c4d82-383c-11ee-8888-525400682e90",
"HostHeader": "",
"Name": "test_ruichaolin",
"Records": [
{
"Private": false,
"PrivateParameters": [],
"Record": "4.4.4.4",
"RecordId": "record-3492ee3b-383c-11ee-8888-525400682e90",
"Type": "IP_DOMAIN",
"Weight": 40
}
],
"References": [],
"Type": "HTTP",
"UpdateTime": "2023-08-11T19:41:33Z"
}
],
"RequestId": "a2e38df8-5800-4495-bd61-b6761b070d50",
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.NoPermission	The sub-account is not authorized for the operation. Please get permissions first.
UnauthorizedOperation.Unknown	An unknown error occurred in the backend server.

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Custom Response Page APIs
CreateCustomizeErrorPage

Last updated：2024-06-13 17:03:28

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a custom response page.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateCustomizeErrorPage.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Name	Yes	String	Custom response page name. The name must be 2-30 characters long.
ContentType	Yes	String	Custom response page type, with values: • text/html; • application/json; • text/plain;

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			• text/xml.
Description	No	String	Custom response page description, not exceeding 60 characters.
Content	No	String	Custom response page content, not exceeding 2 KB.

3. Output Parameters

Parameter Name	Type	Description
PageId	String	Custom response page ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Creating a custom response page

This example shows you how to create a custom response page.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateCustomizeErrorPage
<Common request parameters>

{
"ZoneId": "zone-2kplomhisdcb",
"Name": "Web Protection Custom Response Page",
"Description": "web protection custom response page",
"ContentType": "application/json",
"Content": "{\"title\":\"Custom Response Page\", \"Content\":\"custom response pa
ge content\"}"
}
```

Output Example

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```
{
"Response": {
"PageId": "p-2kplomhisdcb",
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InvalidParameterValue.ContentTypeNotMatch	The page content does not match the Content-Type.
InvalidParameterValue.PageNameAlreadyExist	The page name already exists.

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DescribeCustomErrorPages

Last updated：2024-06-13 17:03:27

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the custom response page list.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeCustomErrorPages.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
Filters.N	No	Array of AdvancedFilter	Filter criteria. The upper limit for Filters.Values is 20. The detailed filter criteria are as follows: • page-id: Filter by page ID; • name: Filter by page name; • description: Filter by page description; • content-type: Filter by page type.
Offset	No	Integer	The offset of paginated query. Default value: 0.

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Limit	No	Integer	The limit of paginated query. Default value: 20. Maximum value: 1,000.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of custom response pages.
ErrorPages	Array of CustomErrorPage	Custom response page data list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying the custom response page list

This example shows you how to query the custom response page list.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeCustomResponsePages
<Common request parameters>

{
"ZoneId": "zone-2kplomhisdcb",
"Filters": [
{
"Name": "name",
"Values": [
"web protection response page"
]
}
],
"Offset": 1,
```

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```
"Limit": 20
}
```

Output Example

```
{
"Response": {
"ErrorPages": [
{
"PageId": "p-2kplomhisdcb",
"Name": "Web Protection Response Page",
"ContentType": "application/json",
"Content": "{\"title\": \"custom response page title\",\"content\": \"custom resp
onse page content\"}",
"Description": "custom web protection response page"
}
],
"TotalCount": 1,
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.RouteError	The backend routing address is incorrect.

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ModifyCustomErrorPage

Last updated：2024-06-13 17:03:26

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to modify a custom response page.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyCustomErrorPage.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
PageId	Yes	String	Custom response page ID.
ZoneId	Yes	String	Zone ID.
Name	No	String	Custom response page name. The name must be 2-60 characters long.
Description	No	String	Custom response page description, not exceeding 60 characters.
ContentType	No	String	Custom response page type, with values: • text/html.

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			• application/json. • plain/text. • text/xml.
Content	No	String	Custom response page content, not exceeding 2 KB.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Modifying a custom response page

This example shows you how to modify a custom response page.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyCustomErrorPage
<Common request parameters>

{
"PageId": "p-2kplomhisdcb",
"ZoneId": "zone-2kplomhisdcb",
"Name": "Web Protection Custom Response Page",
"Description": "web protection custom response page",
"ContentType": "application/json",
"Content": "{\"title\": \"custom response page title\",\"content\": \"custom resp
onse page content\"}"
}
```

Output Example

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```
{
"Response": {
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.

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DeleteCustomErrorPage

Last updated：2024-06-13 17:08:08

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to delete a custom response page.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteCustomErrorPage.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
PageId	Yes	String	Custom response page ID.

3. Output Parameters

Parameter Name	Type	Description

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RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Deleting a custom response page

This example shows you how to delete a custom response page.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DeleteCustomErrorPage
<Common request parameters>

{
"PageId": "p-2kplomhisdcb",
"ZoneId": "zone-2kplomhisdcb"
}
```

Output Example

```
{
"Response": {
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceInUse	The resource is occupied.
ResourceNotFound	The resource doesn't exist.

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Diagnostic Tool APIs
DescribeIPRegion

Last updated：2024-05-29 14:55:54

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to check if the IP is an EdgeOne IP.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeIPRegion.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
IPs.N	Yes	Array of String	List of IPs to be queried, supporting IPV4 and IPV6. Up to 100 can be queried.

3. Output Parameters

Parameter	Type	Description

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Name		
IPRegionInfo	Array of IPRegionInfo	List of IP attribution information.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Querying IP geographic location information

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeIPRegion
<Common request parameters>{
"IPs": [
"1.1.1.1",
"2402:4e00:1403:eb00:0:9440:b55a:39a8"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "bc0bb357-0b72-4abb-ae66-ffffb965aced",
"IPRegionInfo": [
{
"IP": "120.226.17.168",
"IsEdgeOneIP": "yes"
},
{
"IP": "101.33.20.11",
"IsEdgeOneIP": "yes"
},
{
"IP": "120.222.238.33",
"IsEdgeOneIP": "yes"
},
```

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```
{
"IP": "120.222.238.33",
"IsEdgeOneIP": "yes"
},
{
"IP": "120.226.17.167",
"IsEdgeOneIP": "yes"
},
{
"IP": "120.226.17.168",
"IsEdgeOneIP": "yes"
},
{
"IP": "43.130.34.95",
"IsEdgeOneIP": "no"
},
{
"IP": "43.128.224.98",
"IsEdgeOneIP": "no"
}
]
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
InternalError.ProxyServer	An unknown error occurred in the backend server.

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Version Management APIs
CreateConfigGroupVersion

Last updated：2024-05-29 14:55:42

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to create a new version for the specified configuration group in version management mode. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateConfigGroupVersion.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
GroupId	Yes	String	GroupId of the version to be created.
Content	Yes	String	Configuration content to be imported. It is required to be in JSON format and encoded in UTF-8. Please refer to the example below for the configuration file content.

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Description	No	String	Version description. The maximum length allowed is 50 characters. This field can be used to provide details about the application scenarios of this version.

3. Output Parameters

Parameter Name	Type	Description
VersionId	String	Version ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Create a New Version for the Specified Configuration Group

Create a new version, with ZoneId set to zone-m2kplohsdc4b and GroupId to cg-2p9unsmt54uw.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateConfigGroupVersion
<Common request parameters>

{
"ZoneId": "zone-m2kplohsdc4b",
"GroupId": "cg-2p9unsmt54uw",
"Description": "created for openday",
"Content": "{\n \"FormatVersion\": \"1.0\",\n \"ZoneConfig\": {\n \"SmartRouting
\": {\n \"Switch\": \"off\"\n },\n \"Cache\": {\n \"CustomTime\": {\n \"Switch\":
\"on\",\n \"CacheTime\": 604800\n }\n },\n \"MaxAge\": {\n \"FollowOrigin\": \"on
\",\n \"CacheTime\": 600\n },\n \"CacheKey\": {\n \"FullURLCache\": \"off\",\n \"
QueryString\": {\n \"Switch\": \"on\",\n \"Action\": \"includeCustom\",\n \"Value
s\": [\n \"key1\",\n \"key2\"\n ]\n },\n \"IgnoreCase\": \"on\"\n },\n \"CachePre
fresh\": {\n \"Switch\": \"off\",\n \"CacheTimePercent\": 90\n },\n \"OfflineCach
e\": {\n \"Switch\": \"on\"\n },\n \"Compression\": {\n \"Switch\": \"on\",\n \"A
lgorithms\": [\n \"brotli\",\n \"gzip\"\n ]\n },\n \"ImageOptimize\": {\n \"Switc
```

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```
h\": \"off\"\n },\n \"ForceRedirectHTTPS\": {\n \"Switch\": \"on\",\n \"RedirectS
tatusCode\": 302\n },\n \"HSTS\": {\n \"Switch\": \"on\",\n \"IncludeSubDomains\"
: \"on\",\n \"Timeout\": 16070400,\n \"Preload\": \"on\"\n },\n \"TLSConfig\": {
\n \"CipherSuite\": \"loose-v2023\",\n \"Version\": [\n \"TLSv1\",\n \"TLSv1.1\",
\n \"TLSv1.2\",\n \"TLSv1.3\"\n ]\n },\n \"OCSPStapling\": {\n \"Switch\": \"off
\"\n },\n \"HTTP2\": {\n \"Switch\": \"on\"\n },\n \"QUIC\": {\n \"Switch\": \"of
f\"\n },\n \"UpstreamHTTP2\": {\n \"Switch\": \"off\"\n },\n \"IPv6\": {\n \"Swit
ch\": \"off\"\n },\n \"WebSocket\": {\n \"Switch\": \"on\",\n \"Timeout\": 30\n
},\n \"PostMaxSize\": {\n \"Switch\": \"on\",\n \"MaxSize\": 838860800\n },\n \"C
lientIPHeader\": {\n \"Switch\": \"off\",\n \"HeaderName\": \"\"\n },\n \"ClientI
PCountry\": {\n \"Switch\": \"on\",\n \"HeaderName\": \"EO-Client-IPCountry\"\n
},\n \"gRPC\": {\n \"Switch\": \"off\"\n },\n \"AccelerateMainland\": {\n \"Switc
h\": \"off\"\n },\n \"StandardDebug\": {\n \"Switch\": \"on\",\n \"AllowClientIPL
ist\": [\n \"1.2.3.4\"\n ],\n \"Expires\": \"2023-11-04T04:46:28Z\"\n }\n },\n \"
Rules\": [\n {\n \"RuleName\": \"Unnamed rule\",\n \"Branches\": [\n {\n \"Condit
ion\": \"${http.request.host} matches '.*'\",\n \"Actions\": [\n {\n \"Name\": \"
UpstreamURLRewrite\",\n \"Parameters\": {\n \"Type\": \"Path\",\n \"Action\": \"r
mvPrefix\",\n \"Value\": \"/prefix\"\n }\n }\n ],\n \"SubRules\": [\n {\n \"Branc
hes\": [\n {\n \"Condition\": \"${http.request.file_extension} in ['.jpg']\",\n
\"Actions\": [\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Switch\":
\"on\",\n \"MaxSize\": 524288000\n }\n }\n ]\n }\n ]\n },\n {\n \"Branches\": [\n
{\n \"Condition\": \"${http.request.file_extension} in ['.png']\",\n \"Actions\":
[\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Switch\": \"on\",\n \"
MaxSize\": 209715200\n }\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n}"
}
```


Output Example


```
{
"Response": {
"VersionId": "ver-5ksglmhghsu3",
"RequestId": "5e0a2b4e-dw6d-4dsa-ac39-1706cbf8a703"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.ConfigConditionSyntaxError	Syntax error in the condition expression of the configuration file.
FailedOperation.ConfigConditionUnknownTarget	Unrecognized condition matching type.
FailedOperation.ConfigConditionValueEmptyError	The value field of the condition expression cannot be empty in the configuration file.
FailedOperation.ConfigFieldTypeError	The configuration file contains fields with inconsistent data types.
FailedOperation.ConfigFormatError	Syntax error in the configuration file.
FailedOperation.ConfigMalformedContent	Incorrect format of the configuration file. Parsing failed.
FailedOperation.ConfigParamValidateErrors	Parameter verification error in the configuration file.
FailedOperation.ConfigUnknownField	The specified field in the configuration file is not recognized, indicating a possible spelling error or incorrect placement within the file structure.
FailedOperation.ConfigUnsupportedFormatVersion	The current configuration file version is not supported.
FailedOperation.MissingConfigChunk	The content is missing a mandatory configuration block.

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FailedOperation.UnknownConfigGroupType	Unknown configuration group type.
InvalidParameter	Parameter error.
InvalidParameter.DuplicateRule	Duplicate rules.
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid condition: The parameter value is invalid.
InvalidParameter.InvalidCacheKeyQueryStringAction	Invalid query string.
InvalidParameter.InvalidConditions	Invalid conditions.
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 settings.
InvalidParameter.InvalidMaxAgeFollowOrigin	Invalid browser cache.
InvalidParameter.InvalidStandardDebug	Invalid debug configuration for EdgeOne.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upload size exceeded.
InvalidParameter.StatusCodeCacheInvalidStatusCode	Invalid status code in cache.
InvalidParameterValue	Invalid parameter value.
LimitExceeded.RuleLimitExceeded	The number of rules has reached the limit.
MissingParameter	Missing parameters.
OperationDenied	Operation denied.
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-border acceleration and IPv6 cannot be configured at the same time.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the site is disabled. Please enable it and try again.
OperationDenied.NotInVersionControlWhiteList	The current user is not included in the whitelist for version management.
OperationDenied.OwnershipVerificationNotPassed	Ownership verification failed. Please complete the site ownership verification first.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.

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OperationDenied.WorkModeNotInVersionControl	The specified site working mode is not applicable to the version management mode.
ResourceNotFound	The resource doesn't exist.
ResourceUnavailable.FunctionNotFound	The function does not exist or does not belong to this account.

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DeployConfigGroupVersion

Last updated：2024-05-29 14:55:42

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to release versions in version management mode. Users can deploy the version to either the testing environment or the production environment by specifying the EnvId parameter. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeployConfigGroupVersion.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
EnvId	Yes	String	Environment ID. Please specify the environment ID to which the version should be released.
ConfigGroupVersionInfos.N	Yes	Array of	Version information required for

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		ConfigGroupVersionInfo	release. Multiple versions of different configuration groups can be modified simultaneously, while each group allows modifying only one version at a time.
Description	Yes	String	Change description. It is used to describe the content and reasons for this change. A maximum of 100 characters are supported.

3. Output Parameters

Parameter Name	Type	Description
RecordId	String	Release record ID.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Create a Version Deployment Task

Release a specific version with ZoneId set to zone-32qwgrnvbisw, VersionId to ver-2ogs1as803hm, and EnvId to env-28jw51ksm9bw.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: CreateDeployVersionTask
<Common request parameters>

{
"ZoneId": "zone-32qwgrnvbisw",
"EnvId": "env-28jw51ksm9bw",
"ConfigGroupVersionInfos": [
{
```

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```
"VersionId": "ver-2ogs1as803hm"
}
],
"Description": "Add IPv6 and AccelerationMainland configuration"
}
```

Output Example

```
{
"Response": {
"RequestId": "5e0a2b4e-df6d-4d2a-as19-1706cbf8a902",
"RecordId": "dr-2nvadq3sa41u"
}
}
```

5. Developer Resources

SDK

TencentCloud API 3.0 integrates SDKs that support various programming languages to make it easier for you to call APIs.

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description

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FailedOperation.ConfigConditionSyntaxError	Syntax error in the condition expression of the configuration file.
FailedOperation.ConfigConditionUnknownTarget	Unrecognized condition matching type.
FailedOperation.ConfigConditionValueEmptyError	The value field of the condition expression cannot be empty in the configuration file.
FailedOperation.ConfigFieldTypeError	The configuration file contains fields with inconsistent data types.
FailedOperation.ConfigFormatError	Syntax error in the configuration file.
FailedOperation.ConfigMalformedContent	Incorrect format of the configuration file. Parsing failed.
FailedOperation.ConfigParamValidateErrors	Parameter verification error in the configuration file.
FailedOperation.ConfigUnknownField	The specified field in the configuration file is not recognized, indicating a possible spelling error or incorrect placement within the file structure.
FailedOperation.ConfigUnsupportedFormatVersion	The current configuration file version is not supported.
InvalidParameter.ZoneNotFound	The site does not exist.
OperationDenied.ConfigLocked	The configuration is locked. Please unlock and try again.
OperationDenied.DomainStatusUnstable	Some domain names on the site are currently experiencing instability. The stable states for domain names are "online" and "offline".
OperationDenied.EnvNotReady	The site environment is not ready.
OperationDenied.NotInVersionControlWhiteList	The current user is not included in the whitelist for version management.
OperationDenied.VersionControlLocked	The operation is not allowed because the version management mode is applied.
OperationDenied.WorkModeNotInVersionControl	The specified site working mode is not applicable to the version management mode.
ResourceNotFound	The resource doesn’t exist.
ResourceNotFound.VersionNotFound	The configuration group version does not exist. Please check and try again.

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DescribeConfigGroupVersionDetail

Last updated：2024-05-29 14:55:42

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to obtain detailed information about a version in version management mode. The response includes the version ID, description, status, creation time, configuration group information, and the content of the version configuration file. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeConfigGroupVersionDetail.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
VersionId	Yes	String	Version ID.

3. Output Parameters

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Parameter Name	Type	Description
ConfigGroupVersionInfo	ConfigGroupVersionInfo	Version information.
Content	String	Version file content. It is returned in JSON format.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version Details

Query version details with ZoneId set to zone-m2kplohsdc4b and VersionId to ver-5ksglmhghsu3.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeConfigGroupVersionDetail
<Common request parameters>

{
"ZoneId": "zone-m2kplohsdc4b",
"VersionId": "ver-5ksglmhghsu3"
}
```

Output Example


```
{
"Response": {
"Content": "{\n \"FormatVersion\": \"1.0\",\n \"ZoneConfig\": {\n \"SmartRouting
\": {\n \"Switch\": \"off\"\n },\n \"Cache\": {\n \"CustomTime\": {\n \"Switch\":
\"on\",\n \"CacheTime\": 604800\n }\n },\n \"MaxAge\": {\n \"FollowOrigin\": \"on
\",\n \"CacheTime\": 600\n },\n \"CacheKey\": {\n \"FullURLCache\": \"off\",\n
\"QueryString\": {\n \"Switch\": \"on\",\n \"Action\": \"includeCustom\",\n \"Val
ues\": [\n \"key1\",\n \"key2\"\n ]\n },\n \"IgnoreCase\": \"on\"\n },\n \"CacheP
refresh\": {\n \"Switch\": \"off\",\n \"CacheTimePercent\": 90\n },\n \"OfflineCa
che\": {\n \"Switch\": \"on\"\n },\n \"Compression\": {\n \"Switch\": \"on\",\n
\"Algorithms\": [\n \"brotli\",\n \"gzip\"\n ]\n },\n \"ImageOptimize\": {\n \"Sw
```


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```
itch\": \"off\"\n },\n \"ForceRedirectHTTPS\": {\n \"Switch\": \"on\",\n \"Redire
ctStatusCode\": 302\n },\n \"HSTS\": {\n \"Switch\": \"on\",\n \"IncludeSubDomain
s\": \"on\",\n \"Timeout\": 16070400,\n \"Preload\": \"on\"\n },\n \"TLSConfig\":
{\n \"CipherSuite\": \"loose-v2023\",\n \"Version\": [\n \"TLSv1\",\n \"TLSv1.1
\",\n \"TLSv1.2\",\n \"TLSv1.3\"\n ]\n },\n \"OCSPStapling\": {\n \"Switch\": \"o
ff\"\n },\n \"HTTP2\": {\n \"Switch\": \"on\"\n },\n \"QUIC\": {\n \"Switch\":
\"off\"\n },\n \"UpstreamHTTP2\": {\n \"Switch\": \"off\"\n },\n \"IPv6\": {\n
\"Switch\": \"off\"\n },\n \"WebSocket\": {\n \"Switch\": \"on\",\n \"Timeout\":
30\n },\n \"PostMaxSize\": {\n \"Switch\": \"on\",\n \"MaxSize\": 838860800\n
},\n \"ClientIPHeader\": {\n \"Switch\": \"off\",\n \"HeaderName\": \"\"\n },\n
\"ClientIPCountry\": {\n \"Switch\": \"on\",\n \"HeaderName\": \"EO-Client-IPCoun
try\"\n },\n \"gRPC\": {\n \"Switch\": \"off\"\n },\n \"AccelerateMainland\": {\n
\"Switch\": \"off\"\n },\n \"StandardDebug\": {\n \"Switch\": \"on\",\n \"AllowCl
ientIPList\": [\n \"1.2.3.4\"\n ],\n \"Expires\": \"2023-11-04T04:46:28Z\"\n }\n
},\n \"Rules\": [\n {\n \"RuleName\": \"Unnamed rule\",\n \"Branches\": [\n {\n
\"Condition\": \"${http.request.host} matches '.*'\",\n \"Actions\": [\n {\n \"Na
me\": \"UpstreamURLRewrite\",\n \"Parameters\": {\n \"Type\": \"Path\",\n \"Actio
n\": \"rmvPrefix\",\n \"Value\": \"/prefix\"\n }\n }\n ],\n \"SubRules\": [\n {\n
\"Branches\": [\n {\n \"Condition\": \"${http.request.file_extension} in ['.jpg']
\",\n \"Actions\": [\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Swi
tch\": \"on\",\n \"MaxSize\": 524288000\n }\n }\n ]\n }\n ]\n },\n {\n \"Branches
\": [\n {\n \"Condition\": \"${http.request.file_extension} in ['.png']\",\n \"Ac
tions\": [\n {\n \"Name\": \"PostMaxSize\",\n \"Parameters\": {\n \"Switch\": \"o
n\",\n \"MaxSize\": 209715200\n }\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n }\n ]\n}",
"ConfigGroupVersionInfo": {
"CreateTime": "2023-11-06T11:33:12Z",
"Description": "test",
"GroupId": "cg-2p9unsmt54uw",
"GroupType": "l7_acceleration",
"Status": "inactive",
"VersionId": "ver-2pn240kqwgti",
"VersionNumber": "1"
},
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.

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DescribeConfigGroupVersions

Last updated：2024-05-29 14:55:41

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the version list for the specified configuration group in version management mode. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeConfigGroupVersions.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
GroupId	Yes	String	Configuraration group ID.
Filters.N	No	Array of AdvancedFilter	Filtering condition. The maximum value of Filters.Values is 20. If this parameter is not specified, all version information for the selected configuration group is returned. Detailed filtering conditions: • version-id: Filter by version ID.

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Offset	No	Integer	Paging query offset. The default value is 0.
Limit	No	Integer	Limited entries in paging queries. The default value is 20 and the maximum value is 100.

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total versions.
ConfigGroupVersionInfos	Array of ConfigGroupVersionInfo	Version information list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version List

Query version details with ZoneId set to zone-2kpsqmtisdcb, GroupId to cg-27fil26zq2s1, and VersionId to ver-2kuq2mhis9c0.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeConfigGroupVersions
<Common request parameters>

{
"ZoneId": "zone-2kpsqmtisdcb",
"GroupId": "cg-27fil26zq2s1",
"Filters": [
{
"Name": "version-id",
"Values": [
```

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```
"ver-2kuq2mhis9c0"
]
}
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"ConfigGroupVersionInfos": [
{
"VersionId": "ver-2kuq2mhis9c0",
"Description": "test",
"VersionNumber": "1.0",
"GroupId": "cg-27fil26zq2s1",
"GroupType": "l7_acceleration",
"Status": "RELEASED",
"CreateTime": "2020-09-22T00:00:00+00:00"
}
],
"RequestId": "9bd9c732-8f9a-4cd3-a3e8-1c9db5e53631"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
ResourceNotFound	The resource doesn't exist.

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DescribeDeployHistory

Last updated：2024-05-29 14:55:41

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query the release history of versions in the production or test environment in version management mode. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDeployHistory.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.
EnvId	Yes	String	Environment ID.
Filters.N	No	Array of AdvancedFilter	Filtering condition. The maximum value of Filters.Values is 20. Detailed filtering conditions: • record-id: Filter by release record ID.

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3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total release records.
Records	Array of DeployRecord	Release record details.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version Release History

Query the version release history with ZoneId set to zone-3swlomhssdcb and EnvId set to env-2kpeomhisdwb.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeCustomErrorPages
<Common request parameters>

{
"ZoneId": "zone-3swlomhssdcb",
"EnvId": "env-2kpeomhisdwb"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"Records": [
{
"ConfigGroupVersionInfos": [
{
"VersionId": "ver-2kplomhiqdcb",
```

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```
"VersionNumber": "1.0",
"GroupId": "cg-2kplomhisdcb",
"GroupType": "l7_acceleration",
"Description": "Test version",
"Status": "active",
"CreateTime": "2020-09-22T00:00:00+00:00"
}
],
"RecordId": "dr-2nvehs3fa40u",
"DeployTime": "2023-09-22T00:00:00+00:00",
"Status": "success",
"Message": "Released successfully."
}
],
"RequestId": "9bd9c732-8f9a-4cd3-a3e0-1c2db5e53631"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

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Error Code	Description
ResourceNotFound	The resource doesn't exist.

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DescribeEnvironments

Last updated：2024-05-29 14:55:41

1. API Description

Domain name for API request: teo.tencentcloudapi.com.

This API is used to query environment information in version management mode. The response includes the environment ID, type, and current effective version. The version management feature is currently undergoing beta testing and is accessible only to users on the whitelist.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeEnvironments.
Version	Yes	String	Common Params. The value used for this API: 2022-09-01.
Region	No	String	Common Params. This parameter is not required.
ZoneId	Yes	String	Zone ID.

3. Output Parameters

Parameter Name	Type	Description

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TotalCount	Integer	Total environments.
EnvInfos	Array of EnvInfo	Environment list.
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Query Version Release Environment List

Query information about the environment list with ZoneId set to zone-2k3lomh6sdcb.

Input Example

```
POST / HTTP/1.1
Host: teo.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeEnvironments
<Common request parameters>

{
"ZoneId": "zone-2k3lomh6sdcb"
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"EnvInfos": [
{
"EnvId": "env-2kplomhisdcb",
"EnvType": "production",
"Status": "running",
"Scope": [
"ALL"
],
"CreateTime": "2023-09-21T00:00:00+00:00",
"UpdateTime": "2023-09-22T00:00:00+00:00",
```

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```
"CurrentConfigGroupVersionInfos": [
{
"VersionId": "ver-2k3lomh6sdcb",
"VersionNumber": "1.0",
"GroupId": "cg-2k3lomh6sdcb",
"GroupType": "l7_acceleration",
"Description": "Used for production",
"Status": "active",
"CreateTime": "2023-09-22T00:00:00+00:00"
}
]
}
],
"RequestId": "9bd9c732-0f9a-4cd3-a3e8-1e9db5e53631"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

There is no error code related to the API business logic. For other error codes, please see Common Error Codes.

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Data Types

Last updated：2024-07-10 16:14:13

AccelerateMainland

Cross-MLC-border acceleration.

Used by actions: CreateApplicationProxy, DescribeApplicationProxies, DescribeZoneSetting, ModifyApplicationProxy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable Cross-MLC-border acceleration. Valid values: • `on` : Enable; • `off` : Disable.

AccelerateType

Acceleration type

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Acceleration switch. Values: • `on` : Enable • `off` : Disable

AccelerationDomain

Accelerated domain name

Used by actions: DescribeAccelerationDomains.

Name	Type	Description
ZoneId	String	ID of the site.
DomainName	String	Accelerated domain name
DomainStatus	String	Status of the accelerated domain name. Values:

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		• `online` : Activated • `process` : Being deployed • `offline` : Disabled • `forbidden` : Blocked • `init` : Pending activation
OriginDetail	OriginDetail	Details of the origin. Note: This field may return null, indicating that no valid values can be obtained.
OriginProtocol	String	Origin-pull protocol configuration. Values: • `FOLLOW` : Follow the protocol of origin • `HTTP` : Send requests to the origin over HTTP • `HTTPS` : Send requests to the origin over HTTPS Note: This field may return null, indicating that no valid values can be obtained.
HttpOriginPort	Integer	The port used for HTTP origin-pull requests Note: This field may return null, indicating that no valid values can be obtained.
HttpsOriginPort	Integer	The port used for HTTPS origin-pull requests Note: This field may return null, indicating that no valid values can be obtained.
IPv6Status	String	IPv6 status. Values: • `follow` : Follow the IPv6 configuration of the site • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
Cname	String	The CNAME address.
IdentificationStatus	String	Ownership verification status. Values: • `pending` : Pending verification • `finished` : Verified Note: This field may return null, indicating that no valid values can be obtained.
CreatedOn	Timestamp ISO8601	Creation time of the accelerated domain name.

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ModifiedOn	Timestamp ISO8601	Modification time of the accelerated domain name.
OwnershipVerification	OwnershipVerification	Information required to verify the ownership of a domain name. Note: This field may return·null, indicating that no valid values can be obtained.
Certificate	AccelerationDomainCertificate	Domain name certificate information Note: This field may return·null, indicating that no valid values can be obtained.

AccelerationDomainCertificate

Information of the acceleration domain name certificate.

Used by actions: DescribeAccelerationDomains.

Name	Type	Required	Description
Mode	String	No	Certificate configuration mode. Values: • `disable` : Do not configure the certificate; • `eofreecert` : Use a free certificate provided by EdgeOne; • `sslcert` : Configure an SSL certificate.
List	Array of CertificateInfo	No	List of certificates Note: This field may return·null, indicating that no valid values can be obtained.

AclCondition

The condition that makes up an access control rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
MatchFrom	String	Yes	Filters: • `host` : Request domain name; • `sip` : Client IP; • `ua` : User-Agent; • `cookie` : Cookie; • `cgi` : CGI script;

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			• `xff` : XFF header; • `url` : Request URL; • • `accept` : Request content type; • `method` : Request method<;/li> • `header` : Request header; • `app_proto` : Application layer protocol; • `sip_proto` : Network layer protocol; • `uabot` : UA rules (only available in custom bot rules); • `idcid` : IDC rules (only available in custom bot rules); • `sipbot` : Search engine rules (only available in custom bot rules); • `portrait` : Client reputation (only available in custom bot rules); • `header_seq` : Header sequence (only available in custom bot rules); • `hdr` : Request body (only available in custom Web protection rules).
MatchParam	String	Yes	The parameter of the field. When `MatchFrom = header` , the key contained in the header can be passed.
Operator	String	Yes	The logical operator. Values: • `equal` : Value equals • `not_equal` : Value not equals • `include` : String contains • `not_include` : String not contains • `match` : IP matches • `not_match` : IP not matches • `include_area` : Regions contain • `is_empty` : Value left empty • `not_exists` : Key fields not exist • `regexp` : Regex matches • `len_gt` : Value greater than • `len_lt` : Value smaller than • `len_eq` : Value equals • `match_prefix` : Prefix matches • `match_suffix` : Suffix matches • `wildcard` : Wildcard
MatchContent	String	Yes	The content to match.

AclConfig

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ACL configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
AclUserRules	Array of AclUserRule	Yes	The custom rule.
Customizes	Array of AclUserRule	No	Custom managed rules Note: This field may return `null` , indicating that no valid value can be obtained.

AclUserRule

The custom rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleName	String	Yes	The rule name.
Action	String	Yes	The action. Values: • `trans` : Allow • `drop` : Block the request • `monitor` : Observe • `ban` : Block the IP • `redirect` : Redirect the request • `page` : Return the specified page • `alg` : JavaScript challenge
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled
AclConditions	Array of AclCondition	Yes	The custom rule.
RulePriority	Integer	Yes	The rule priority. Value range: 0-100.

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RuleID	Integer	No	Rule ID, which is only used as an output parameter.
UpdateTime	String	No	The update time, which is only used as an output parameter.
PunishTime	Integer	No	IP ban duration. Range: 0-2 days. It's required when `Action=ban` .
PunishTimeUnit	String	No	The unit of the IP ban duration. Values: • `second` : Second • `minutes` : Minute • `hour` : Hour Default value: `second` .
Name	String	No	Name of the custom return page. It's required when `Action=page` .
PageId	Integer	No	(Disused) ID of the custom return page. The default value is 0, which means that the system default blocking page is used.
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Action=page` .
ResponseCode	Integer	No	The response code to trigger the return page. It's required when `Action=page` . Value: 100-600. 3xx response codes are not supported. Default value: 567.
RedirectUrl	String	No	The redirection URL. It's required when `Action=redirect` .

Action

Rule engine action. Each feature supports only one of the following three action types. The `RuleAction` array can be of only one of the following types. For all details, see DescribeRulesSetting.

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
NormalAction	NormalAction	No	Common feature operations. The options for this category include: • Access URL overriding (AccessUrlRedirect); • Origin URL overriding (UpstreamUrlRedirect);

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			• QUIC; • WebSocket; • Video dragging (VideoSeek); • Token authentication (Authentication); • Custom CacheKey (CacheKey); • Node caching TTL (Cache); • Browser caching TTL (MaxAge); • Offline caching (OfflineCache); • Smart routing (SmartRouting); • Range-based origin pull (RangeOriginPull); • HTTP/2 origin pull (UpstreamHttp2); • Host header overriding (HostHeader); • Forced HTTPS (ForceRedirect); • HTTPS origin pull (OriginPullProtocol); • Cache pre-refresh (CachePrefresh); • Smart compression (Compression); • Hsts; • ClientIpHeader; • SslTlsSecureConf; • OcspStapling; • HTTP/2 access (Http2); • Redirection during origin pull (UpstreamFollowRedirect); • Modifying origin server (Origin); • Layer 7 origin pull timeout (HTTPUpstreamTimeout); • HTTP response (HttpResponse). Note: This field may return null, indicating that no valid values can be obtained.
RewriteAction	RewriteAction	No	Feature operation with a request/response header. Features of this type include: • `RequestHeader` : HTTP request header modification. • `ResponseHeader` : HTTP response header modification. Note: This field may return null, indicating that no valid values can be obtained.
CodeAction	CodeAction	No	Feature operation with a status code. Features of this type include: • `ErrorPage` : Custom error page. • `StatusCodeCache` : Status code cache TTL. Note: This field may return null, indicating that no valid values can be obtained.

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AdvancedFilter

Key-value pair filters for conditional filtering queries and fuzzy queries, such as filtering ID, name, and status.
If more than one filter exists, the logical relationship between these filters is `AND` .
If one filter has multiple values, the logical relationship between these values is `OR` .

Used by actions: DescribeAccelerationDomains, DescribeAliasDomains, DescribeConfigGroupVersions, DescribeCustomErrorPages, DescribeDeployHistory, DescribeOriginGroup, DescribePrefetchTasks, DescribePurgeTasks, DescribeRealtimeLogDeliveryTasks, DescribeZones.

Name	Type	Required	Description
Name	String	Yes	Field to be filtered.
Values	Array of String	Yes	Value of the filtered field.
Fuzzy	Boolean	No	Whether to enable fuzzy query.

AiRule

AI rule engine

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Mode	String	Yes	The status of the AI rule engine. Values: • `smart_status_close` : Disabled • `smart_status_open` : Block • `smart_status_observe` : Observe

AlgDetectJS

Validate client behavior.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Name	String	No	Method to validate client behavior.
WorkLevel	String	No	Proof-of-work strength. Values:

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			• `low` (default): Low • `middle` : Medium • `high` : High
ExecuteMode	Integer	No	Implement a delay before executing JS in milliseconds. Value range: 0-1000. Default value: 500.
InvalidStatTime	Integer	No	The period threshold for validating the result "Client JS disabled" in seconds. Value range: 5-3600. Default value: 10.
InvalidThreshold	Integer	No	The number of times for the result "Client JS disabled" occurred in the specified period. Value range: 1-100000000. Default value: 30.
AlgDetectResults	Array of AlgDetectResult	No	Client behavior validation results.

AlgDetectResult

Active bot detection results.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Result	String	No	The validation result. Values: • `invalid` : Invalid Cookie • `cookie_empty` : No Cookie/Cookie expired • `js_empty` : Client JS disabled • `low` : Low-risk session • `middle` : Medium-risk session • `high` : High-risk session • `timeout` : JS validation timed out • `not_browser` : Invalid browser • `is_bot` : Bot client
Action	String	No	The action. Values: • `drop` : Block • `monitor` : Observe • `silence` : Drop w/o response • `shortdelay` : Add short latency • `longdelay` : Add long latency

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AlgDetectRule

Active bot detection rule.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleID	Integer	No	ID of the rule.
RuleName	String	No	Name of the rule.
Switch	String	No	Whether to enable the rule.
AlgConditions	Array of AclCondition	No	Condition specified for the rule.
AlgDetectSession	AlgDetectSession	No	Validate Cookie when the condition is satisfied. Note: This field may return `null` , indicating that no valid values can be obtained.
AlgDetectJS	Array of AlgDetectJS	No	Validate client behavior when the condition is satisfied.
UpdateTime	String	No	The update time, which is only used as an output parameter.

AlgDetectSession

Validate Cookie.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Name	String	No	Method to validate Cookie.
DetectMode	String	No	The validation mode. Values: • `detect` : Validate only • `update_detect` (default): Update Cookie and validate
SessionAnalyzeSwitch	String	No	Whether to enable Cookie-based session check. The default value is `off` . Values: • `off` : Disable

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			• `on` : Enable
InvalidStatTime	Integer	No	The period threshold for validating the result "No Cookie/Cookie expired" in seconds. Value range: 5-3600. Default value: 10.
InvalidThreshold	Integer	No	The number of times for the result "No Cookie/Cookie expired" occurred in the specified period. Value range: 1-100000000. Default value: 300.
AlgDetectResults	Array of AlgDetectResult	No	Cookie validation results.
SessionBehaviors	Array of AlgDetectResult	No	Cookie-based session check results.

AliasDomain

Information of the alias domain name

Used by actions: DescribeAliasDomains.

Name	Type	Description
AliasName	String	The alias domain name.
ZoneId	String	The site ID.
TargetName	String	The target domain name.
Status	String	Status of the alias domain name. Values: • `active` : Activated • `pending` : Deploying • `conflict` : Reclaimed • `stop` : Stopped
ForbidMode	Integer	The blocking mode. Values: • `0` : Not blocked • `11` : Blocked due to regulatory compliance • `14` : Blocked due to ICP filing not obtained
CreatedOn	Timestamp ISO8601	Creation time of the alias domain name.
ModifiedOn	Timestamp ISO8601	Modification time of the alias domain name.

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ApplicationProxy

Application proxy instance

Used by actions: DescribeApplicationProxies.

Name	Type	Description
ZoneId	String	The site ID.
ZoneName	String	The site name.
ProxyId	String	The proxy ID.
ProxyName	String	The domain name or subdomain name when `ProxyType=hostname`. The instance name when `ProxyType=instance`.
ProxyType	String	The proxy type. Values: • `hostname`: The proxy is created by subdomain name. • `instance`: The proxy is created by instance.
PlatType	String	The scheduling mode. Values: • `ip`: Schedule via Anycast IP. • `domain`: Schedule via CNAME.
Area	String	Acceleration region. Values: • `mainland`: Chinese mainland. • `overseas`: Global (outside the Chinese mainland); Default value: overseas.
SecurityType	Integer	Whether to enable security protection. Values: • `0`: Disable security protection. • `1`: Enable security protection.
AccelerateType	Integer	Whether to enable acceleration. Values: • `0`: Disable acceleration. • `1`: Enable acceleration.
SessionPersistTime	Integer	The session persistence duration.
Status	String	The rule status. Values: • `online`: Enabled • `offline`: Disabled

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		• `progress` : Deploying • `stopping` : Disabling • `fail` : Failed to deploy or disable
BanStatus	String	The blocking status of the proxy. Values: • `banned` : Blocked • `banning` : Blocking • `recover` : Unblocked • `recovering` : Unblocking
ScheduleValue	Array of String	Scheduling information.
HostId	String	When `ProxyType=hostname` : This field indicates the unique ID of the subdomain name.
Ipv6	Ipv6	The IPv6 access configuration.
UpdateTime	Timestamp ISO8601	The update time.
ApplicationProxyRules	Array of ApplicationProxyRule	List of rules.
AccelerateMainland	AccelerateMainland	Cross-MLC-border acceleration.

ApplicationProxyRule

Application proxy rule

Used by actions: CreateApplicationProxy, DescribeApplicationProxies.

Name	Type	Required	Description
Proto	String	Yes	The protocol. Values: • `TCP` : TCP protocol. • `UDP` : UDP protocol.
Port	Array of String	Yes	The access port, which can be: • A single port, such as 80 • A port range, such as 81-82 Note that each rule can have up to 20 ports.
OriginType	String	Yes	Origin server type. Valid values: • custom: Manually added; • loadbalancer: Cloud Load Balancer;

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			• origins: Origin server group.
OriginValue	Array of String	Yes	Details of the origin server: • When OriginType is custom, it indicates one or more origin servers, such as ["8.8.8.8","9.9.9.9"] or OriginValue= ["test.com"]; • When OriginType is loadbalancer, it indicates a single Cloud Load Balancer, such as ["lb-xdffsfasdfs"]; • When OriginType is origins, it requires one and only one element, which represents an origin server group ID, such as ["origin-537f5b41-162a-11ed-abaa-525400c5da15"].
RuleId	String	No	The rule ID.
Status	String	No	The rule status. Values: • `online` : Enabled. • `offline` : Disabled. • `progress` : Deploying • `stopping` : Disabling • `fail` : Failed to deploy or disable
ForwardClientIp	String	No	Passes the client IP. Values: • `TOA` : Pass the client IP via TOA (available only when `Proto=TCP`). • `PPV1` : Pass the client IP via Proxy Protocol V1 (available only when `Proto=TCP`). • `PPV2` : Pass the client IP via Proxy Protocol V2. • `OFF` : Not pass the client IP. Default value: OFF.
SessionPersist	Boolean	No	Whether to enable session persistence. Values: • `true` : Enable • `false` : Disable Default value: false
SessionPersistTime	Integer	No	Duration for the persistent session. The value takes effect only when `SessionPersist = true` . Note: This field may return null, indicating that no valid values can be obtained.
OriginPort	String	No	The origin port, which can be: • A single port, such as 80 • A port range, such as 81-82
RuleTag	String	No	Rule tag. Note: This field may return null, indicating that no valid values

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			can be obtained.

AscriptionInfo

The site ownership information

Used by actions: DescribeIdentifications, IdentifyZone.

Name	Type	Description
Subdomain	String	
RecordType	String	The record type.
RecordValue	String	The record value.

BillingData

Billing data item

Used by actions: DescribeBillingData.

Name	Type	Description
Time	Timestamp ISO8601	Time.
Value	Integer	Value.

BillingDataFilter

Billing data filter criteria.

Used by actions: DescribeBillingData.

Name	Type	Required	Description
Type	String	Yes	Parameter name.
Value	String	Yes	Parameter value.

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BindSharedCNAMEMap

Bindings between a shared CNAME and connected domain names

Used by actions: BindSharedCNAME.

Name	Type	Required	Description
SharedCNAME	String	Yes	The shared CNAME to be bound with or unbound from.
DomainNames	Array of String	Yes	Acceleration domains (up to 20).

BotConfig

Bot security configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable bot security. Values: • `on` : Enable • `off` : Disable
BotManagedRule	BotManagedRule	No	The settings of the bot managed rule. If it is null, the settings that were last configured will be used.
BotPortraitRule	BotPortraitRule	No	The settings of the client reputation rule. If it is null, the settings that were last configured will be used.
IntelligenceRule	IntelligenceRule	No	The bot intelligence settings. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.
BotUserRules	Array of BotUserRule	No	Settings of the custom bot rule. If it is null, the settings that were last configured will be used.
AlgDetectRule	Array of AlgDetectRule	No	Active bot detection rule.
Customizes	Array of BotUserRule	No	Settings of the bot managed rule. It is only used for output. Note: This field may return `null` , indicating that no valid values can be obtained.

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BotExtendAction

Bot extended actions

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Action	String	Yes	Action. Valid values: • `monitor` : Observe; • `alg` : JavaScript challenge; • `captcha` : Managed challenge; • `random` : Actions are executed based on the percentage specified in `ExtendActions` ; • `silence` : Silence; • `shortdelay` : Add short latency; • `longdelay` : Add long latency.
Percent	Integer	No	The probability for triggering the action. Value range: 0-100. Note: This field may return `null` , indicating that no valid values can be obtained.

BotManagedRule

Bot managed rules. The rule IDs can be obtained from the output of DescribeBotManagedRules.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Action	String	Yes	The rule action. Values: • `drop` : Block • `trans` : Allow • `alg` : JavaScript challenge • `monitor` : Observe
RuleID	Integer	No	The rule ID, which is only used as an output parameter.
TransManagedIds	Array of Integer	No	The ID of the rule that applies the "Allow" action. Note: This field may return null, indicating that no valid values can be obtained.

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AlgManagedIds	Array of Integer	No	The ID of the rule that applies the "JavaScript challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
CapManagedIds	Array of Integer	No	The ID of the rule that applies the "Managed challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
MonManagedIds	Array of Integer	No	The ID of the rule that applies the "Observe" action. Note: This field may return null, indicating that no valid values can be obtained.
DropManagedIds	Array of Integer	No	The ID of the rule that applies the "Block" action. Note: This field may return null, indicating that no valid values can be obtained.

BotPortraitRule

Bot user portrait rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
RuleID	Integer	No	The rule ID, which is only used as an output parameter.
AlgManagedIds	Array of Integer	No	The ID of the rule that applies the "JavaScript challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
CapManagedIds	Array of Integer	No	The ID of the rule that applies the "Managed challenge" action. Note: This field may return null, indicating that no valid values can be obtained.
MonManagedIds	Array of Integer	No	The ID of the rule that applies the "Observe" action. Note: This field may return null, indicating that no valid values can be obtained.

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DropManagedIds	Array of Integer	No	The ID of the rule that applies the "Block" action. Note: This field may return null, indicating that no valid values can be obtained.

BotUserRule

Custom bot rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleName	String	Yes	
Action	String	Yes	The action. Values: • `drop` : Block the request • `monitor` : Observe • `trans` : Allow • `redirect` : Redirect the request • `page` : Return the specified page • `alg` : JavaScript challenge • `captcha` : Managed challenge • `random` : Handle the request randomly by the weight • `silence` : Keep the connection but do not response to the client • `shortdelay` : Add a short latency period • `longdelay` : Add a long latency period
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled Default value: `on`
AclConditions	Array of AclCondition	Yes	Details of the rule.
RulePriority	Integer	Yes	The rule weight. Value range: 0-100.
RuleID	Integer	No	Rule ID, which is only used as an output parameter.
ExtendActions	Array of BotExtendAction	No	[Currently unavailable] Specify the random action and percentage.

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FreqFields	Array of String	No	The filter. Values: • `sip` : Client IP This parameter is left empty by default.
UpdateTime	String	No	The update time, which is only used as an output parameter.
FreqScope	Array of String	No	Query scope. Values: • `source_to_eo` : (Response) Traffic going from the origin to EdgeOne. • `client_to_eo` : (Request) Traffic going from the client to EdgeOne. Default: `source_to_eo` .
Name	String	No	Name of the custom return page. It's required when `Action=page` .
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Action=page` .
ResponseCode	Integer	No	The response code to trigger the return page. It's required when `Action=page` . Value: 100-600. 3xx response codes are not supported. Default value: 567.
RedirectUrl	String	No	The redirection URL. It's required when `Action=redirect` .

CC

CC configuration item.

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	WAF switch. Values: • `on` : Enable • `off` : Disable
PolicyId	Integer	No	ID of the policy

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CLSTopic

The configuration information of real-time log delivery to Tencent Cloud CLS

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks.

Name	Type	Required	Description
LogSetId	String	Yes	The ID of the Tencent Cloud CLS log set.
TopicId	String	Yes	The ID of the Tencent Cloud CLS log topic.
LogSetRegion	String	Yes	The region of the Tencent Cloud CLS log set.

Cache

Cache time settings

Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable cache configuration. Values: • `on` : Enable • `off` : Disable
CacheTime	Integer	No	Cache expiration time setting. Unit: second. The maximum value is 365 days. Note: This field may return null, indicating that no valid values can be obtained.

CacheConfig

Cache rule configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Cache	Cache	No	Cache configuration Note: This field may return null, indicating that no valid values can be obtained.

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NoCache	NoCache	No	No-cache configuration Note: This field may return null, indicating that no valid values can be obtained.
FollowOrigin	FollowOrigin	No	Follows the origin server configuration Note: This field may return null, indicating that no valid values can be obtained.

CacheKey

The cache key configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
FullUrlCache	String	No	Whether to enable full-path cache. Values: • `on` : Enable full-path cache (i.e., disable Ignore Query String). • `off` : Disable full-path cache (i.e., enable Ignore Query String). Note: This field may return null, indicating that no valid values can be obtained.
IgnoreCase	String	No	Whether to ignore case in the cache key. Values: • `on` : Ignore • `off` : Not ignore Note: This field may return null, indicating that no valid values can be obtained.
QueryString	QueryString	No	Request parameter contained in `CacheKey` . Note: This field may return `null` , indicating that no valid values can be obtained.

CachePrefresh

Cache prefresh

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable cache prefresh. Values: • `on` : Enable • `off` : Disable
Percent	Integer	No	The cache prefresh percentage. Values: 1-99 Note: This field may return null, indicating that no valid values can be obtained.

CacheTag

The information attached when the node cache purge type is set to purge_cache_tag.

Used by actions: CreatePurgeTask.

Name	Type	Required	Description
Domains	Array of String	Yes	List of domain names to purge cache for.

CertificateInfo

HTTPS server certificate configuration

Used by actions: DescribeAccelerationDomains.

Name	Type	Description
CertId	String	ID of the server certificate.
Alias	String	Alias of the certificate.
Type	String	Type of the certificate. Values: • `default` : Default certificate • `upload` : Specified certificate • `managed` : Tencent Cloud-managed certificate
ExpireTime	Timestamp ISO8601	The certificate expiration time.
DeployTime	Timestamp ISO8601	Time when the certificate is deployed.
SignAlgo	String	Signature algorithm.
Status	String	Status of the certificate. Values:

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		u200c • `deployed` : The deployment has completed u200c • `processing` : Deployment in progress u200c • `applying` : Application in progress u200c • `failed` : Application rejected • `issued` : Binding failed.

ClientIpCountry

Location information of the client IP carried in origin-pull. It is formatted as a two-letter ISO-3166-1 country/region code.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable
HeaderName	String	No	Name of the request header that contains the client IP region. It is valid when `Switch=on` . The default value `EO-Client-IPCountry` is used when it is not specified.

ClientIpHeader

The client IP header configuration

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the configuration. Values: • `on` : Enable • `off` : Disable

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HeaderName	String	No	Name of the request header that contains the client IP for origin-pull. The default value `X-Forwarded-IP` is used when it is not specified. Note: This field may return `null`, indicating that no valid values can be obtained.

CnameStatus

CNAME status

Used by actions: CheckCnameStatus.

Name	Type	Description
RecordName	String	The domain name.
Cname	String	The CNAME address. Note: This field may return null, indicating that no valid values can be obtained.
Status	String	The CNAME status. Values: • `active`: Activated • `moved`: Not activated Note: This field may return null, indicating that no valid values can be obtained.

CodeAction

Rule engine action with a status code

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Action	String	Yes	Feature name. For details, see DescribeRulesSetting API
Parameters	Array of RuleCodeActionParams	Yes	Operation parameter.

Compression

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Smart compression configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable smart compression. Values: • `on` : Enable • `off` : Disable
Algorithms	Array of String	No	Compression algorithm. Values: • `brotli` : Brotli algorithm • `gzip` : Gzip algorithm Note: This field may return null, indicating that no valid values can be obtained.

ConfigGroupVersionInfo

Version information about the configuration group.

Used by actions: DeployConfigGroupVersion, DescribeConfigGroupVersionDetail, DescribeConfigGroupVersions, DescribeDeployHistory, DescribeEnvironments.

Name	Type	Required	Description
VersionId	String	Yes	Version ID.
VersionNumber	String	No	Version No.
GroupId	String	No	Configuraration group ID.
GroupType	String	No	Configuration group type. Valid values: • l7_acceleration: L7 acceleration configuration group. • edge_functions: Edge function configuration group.
Description	String	No	Version description.
Status	String	No	Version status. Valid values: • creating: Being created. • inactive: Not effective. • active: Effective.
CreateTime	Timestamp ISO8601	No	Version creation time. The time format follows the ISO 8601 standard and is represented in Coordinated Universal Time

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			(UTC).

CustomEndpoint

The configuration information of real-time log delivery to a custom HTTP(S) interface

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Url	String	Yes	The address of the custom HTTP interface for real-time log delivery. Currently, only HTTP and HTTPS protocols are supported.
AccessId	String	No	Specifies the custom SecretId for generating an encrypted signature. This parameter is required if the origin server needs authentication.
AccessKey	String	No	Specifies the custom SecretKey for generating an encrypted signature. This parameter is required if the origin server needs authentication.
CompressType	String	No	The type of data compression. Valid values: • gzip: gzip compression. If this field is not filled in, compression is disabled.
Protocol	String	No	The type of the application layer protocol used when POST requests log delivery. Valid values: • http: HTTP protocol; • https: HTTPS protocol. If this field is not filled in, the protocol type will be parsed from the URL field.
Headers	Array of Header	No	The custom request header carried during log delivery. If the header name you fill in is the default header carried by EdgeOne log delivery such as Content-Type, then the header value you fill in will override the default value. The header value supports referring to a single variable ${batchSize} to obtain the number of log entries included in each POST request.

CustomErrorPage

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Custom error code page structure.

Used by actions: DescribeCustomErrorPages.

Name	Type	Description
PageId	String	Custom error page ID.
ZoneId	String	Zone ID.
Name	String	Custom error page name.
ContentType	String	Custom error page type.
Description	String	Custom error page description.
Content	String	Custom error page content.
References	Array of ErrorPageReference	Custom error page reference.

CustomField

The custom log field in a real-time log delivery task

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Name	String	Yes	Extracts data from specified positions in HTTP requests and responses. Valid values: • ReqHeader: Extract a specified field value from an HTTP request header; • RspHeader: Extract a specified field value from an HTTP response header; • cookie: Extract a specified field value from a cookie. Note: This field may return null, indicating that no valid values can be obtained.
Value	String	Yes	Indicates the name of the parameter from which a value needs to be extracted, such as Accept-Language. Note: This field may return null, indicating that no valid values can be obtained.
Enabled	Boolean	No	Indicates whether to deliver this field. If not filled in, this field will not be

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			delivered. Note: This field may return null, indicating that no valid values can be obtained.

DDoS

DDoS mitigation configuration

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable

DDoSAttackEvent

Information of the DDoS attacker

Used by actions: DescribeDDoSAttackEvent.

Name	Type	Description
EventId	String	The event ID.
AttackType	String	The attack type.
AttackStatus	Integer	The attack status.
AttackMaxBandWidth	Integer	The maximum attack bandwidth.
AttackPacketMaxRate	Integer	The peak attack packet rate.
AttackStartTime	Integer	The attack start time recorded in seconds.
AttackEndTime	Integer	The attack end time recorded in seconds.
PolicyId	Integer	The DDoS policy ID. Note: This field may return `null` , indicating that no valid value was found.
ZoneId	String	The site ID. Note: This field may return `null` , indicating that no valid

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		value was found.
Area	String	Geolocation scope. Values: • `overseas` : Regions outside the Chinese mainland • `mainland` : Chinese mainland Note: This field may return `null` , indicating that no valid value was found.
DDoSBlockData	Array of DDoSBlockData	The blocking time of a DDoS attack. Note: This field may return `null` , indicating that no valid value was found.

DDoSBlockData

DDoS blocking details

Used by actions: DescribeDDoSAttackEvent.

Name	Type	Description
StartTime	Integer	The start time recorded in UNIX timestamp.
EndTime	Integer	The end time recorded in UNIX timestamp. `0` indicates the blocking is ongoing.
BlockArea	String	The regions blocked.

DDosProtectionConfig

Exclusive DDoS protection specifications configuration applicable to Layer 4 proxy or web site service.

Used by actions: CreateL4Proxy, DescribeL4Proxy.

Name	Type	Required	Description
LevelMainland	String	No	Dedicated anti-DDoS specifications in the Chinese mainland. For details, refer to Dedicated Anti-DDoS Related Fees. • PLATFORM: uses the default protection. Dedicated anti-DDoS is not enabled; • BASE30_MAX300: uses dedicated anti-DDoS, which provides 30 Gbps guaranteed protection bandwidth and up to 300 Gbps elastic protection bandwidth;

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			• BASE60_MAX600: uses dedicated anti-DDoS, which provides 60 Gbps guaranteed protection bandwidth and up to 600 Gbps elastic protection bandwidth. If this field is not specified, the default value 'PLATFORM' will be used.
MaxBandwidthMainland	Integer	No	Configuration of elastic protection bandwidth for exclusive DDoS protection in the Chinese mainland.Valid only when exclusive DDoS protection in the Chinese mainland is enabled (refer to the LevelMainland parameter configuration), and the value has the following limitations: • When exclusive DDoS protection is enabled in the Chinese mainland and the 30 Gbps baseline protection bandwidth is used (the LevelMainland parameter value is BASE30_MAX300): the value range is 30 to 300 in Gbps; • When exclusive DDoS protection is enabled in the Chinese mainland and the 60 Gbps baseline protection bandwidth is used (the LevelMainland parameter value is BASE60_MAX600): the value range is 60 to 600 in Gbps; • When the default protection of the platform is used (the LevelMainland parameter value is PLATFORM): configuration is not supported, and the value of this parameter is invalid.
LevelOverseas	String	No	Dedicated anti-DDoS specifications in global regions (excluding the Chinese mainland). • PLATFORM: uses the default protection. Dedicated anti-DDoS is not enabled; • ANYCAST300: uses dedicated anti-DDoS, which provides 300 Gbps protection bandwidth; • ANYCAST_ALLIN: uses dedicated anti-DDoS, which provides all available protection resources. If this field is not specified, the default value 'PLATFORM' will be used.

DefaultServerCertInfo

HTTPS server certificate configuration

Used by actions: DescribeDefaultCertificates.

Name	Type	Required	Description
CertId	String	Yes	ID of the server certificate.

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			Note: This field may return null, indicating that no valid values can be obtained.
Alias	String	No	Alias of the certificate. Note: This field may return null, indicating that no valid values can be obtained.
Type	String	No	Type of the certificate. Values: • `default` : Default certificate; • `upload` : Custom certificate; • `managed` : Tencent Cloud-managed certificate. Note: This field may return null, indicating that no valid values can be obtained.
ExpireTime	Timestamp ISO8601	No	Time when the certificate expires. Note: This field may return null, indicating that no valid values can be obtained.
EffectiveTime	Timestamp ISO8601	No	Time when the certificate takes effect. Note: This field may return null, indicating that no valid values can be obtained.
CommonName	String	No	Common name of the certificate. Note: This field may return null, indicating that no valid values can be obtained.
SubjectAltName	Array of String	No	Domain names added to the SAN certificate. Note: This field may return null, indicating that no valid values can be obtained.
Status	String	No	Deployment status. Values: • `processing` : Deployment in progress • `deployed` : Deployed • `failed` : Deployment failed Note: This field may return `null` , indicating that no valid value can be obtained.
Message	String	No	Failure description Note: This field may return null, indicating that no valid values can be obtained.
SignAlgo	String	No	Certificate algorithm. Note: This field may return `null` , indicating that no valid value can be obtained.

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DeliveryCondition

Real-time log delivery conditions used to define the scope of log delivery. The relationship between items in a DeliveryCondition array is "or", whereas the relationship between items in an inner Conditions array is "and".

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Conditions	Array of QueryCondition	No	Log filter conditions. Detailed filter conditions are as follows: • EdgeResponseStatusCode: Filter by status code returned to the client by the EdgeOne node. Supported operators: equal, great, less, great_equal, less_equal Value range: Any integer greater than or equal to 0 • OriginResponseStatusCode: Filter by response status code of the origin server. Supported operators: equal, great, less, great_equal, less_equal Value range: Any integer greater than or equal to -1 • SecurityAction: Filter by final action after the request hits the security rule. Supported operators: equal Options are as follows: -: Unknown/unhit Monitor: Log only JSChallenge: JavaScript challenge Deny: Interception Allow: Allow BlockIP: IP ban Redirect: Redirect ReturnCustomPage: Return to custom page ManagedChallenge: Managed challenge Silence: Silence LongDelay: Response after a long wait ShortDelay: Response after a short wait • SecurityModule: Filter according to the name of the security module that ultimately handles the request. Supported operators: equal Options are as follows: -: Unknown/miss CustomRule: Web protection - custom rules RateLimitingCustomRule: Web protection - rate limiting rule ManagedRule: Web Protection - Managed Rules

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			L7DDoS: Web Protection - CC Attack Protection BotManagement: Bot Management - Bot Basic Management BotClientReputation: Bot Management - Client Reputation Analysis BotBehaviorAnalysis: Bot Management - Bot Intelligence Analysis BotCustomRule: Bot Management - Custom Bot Rules BotActiveDetection: Bot Management - Active Detection

DeployRecord

Version release record details for the configuration group.

Used by actions: DescribeDeployHistory.

Name	Type	Description
ConfigGroupVersionInfos	Array of ConfigGroupVersionInfo	Details about the released version.
DeployTime	Timestamp ISO8601	Release time. The time format follows the ISO 8601 standard and is represented in Coordinated Universal Time (UTC).
Status	String	Release status. Valid values: • deploying: Being released. • failure: Release failed. • success: Released successfully.
Message	String	Release result information.
RecordId	String	Release record ID. Note: this field may return null, indicating that no valid values can be obtained.
Description	String	Change description.

DetailHost

Domain name configuration information

Used by actions: DescribeHostsSetting.

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Name	Type	Description
ZoneId	String	The site ID.
Status	String	The acceleration status. Values: • `process` : In progress • `online` : Enabled • `offline` : Disabled
Host	String	The domain name.
ZoneName	String	Name of the site
Cname	String	The assigned CNAME
Id	String	The resource ID.
InstanceId	String	The instance ID.
Lock	Integer	The lock status.
Mode	Integer	The domain name status.
Area	String	The acceleration area of the domain name. Values: • `global` : Global. • `mainland` : Chinese mainland. • `overseas` : Outside the Chinese mainland.
AccelerateType	AccelerateType	The acceleration type configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Https	Https	The HTTPS configuration item. Note: This field may return null, indicating that no valid values can be obtained.
CacheConfig	CacheConfig	The cache configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Origin	Origin	The origin configuration item. Note: This field may return null, indicating that no valid values can be obtained.
SecurityType	SecurityType	The security type. Note: This field may return null, indicating that no valid values can be obtained.

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CacheKey	CacheKey	The cache key configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Compression	Compression	The smart compression configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Waf	Waf	The WAF protection configuration item. Note: This field may return null, indicating that no valid values can be obtained.
CC	CC	The CC protection configuration item. Note: This field may return null, indicating that no valid values can be obtained.
DDoS	DDoS	DDoS mitigation configuration Note: This field may return null, indicating that no valid values can be obtained.
SmartRouting	SmartRouting	The smart routing configuration item. Note: This field may return null, indicating that no valid values can be obtained.
Ipv6	Ipv6	The IPv6 access configuration item. Note: This field may return null, indicating that no valid values can be obtained.
ClientIpCountry	ClientIpCountry	Whether to carry the location information of the client IP during origin-pull. Note: This field may return `null`, indicating that no valid value can be obtained.

DiffIPWhitelist

Differences between the newest and existing intermediate IPs

Used by actions: DescribeOriginProtection.

Name	Type	Description
LatestIPWhitelist	IPWhitelist	The latest intermediate IPs.
AddedIPWhitelist	IPWhitelist	The intermediate IPs added to the existing list.

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RemovedIPWhitelist	IPWhitelist	The intermediate IPs removed from the existing list.
NoChangeIPWhitelist	IPWhitelist	The intermediate IPs that remain unchanged.

DnsVerification

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
Subdomain	String	The host record.
RecordType	String	The record type.
RecordValue	String	The record value.

DropPageConfig

Block page configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable
WafDropPageDetail	DropPageDetail	No	The settings of the block page that applies managed rules. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.
AclDropPageDetail	DropPageDetail	No	The settings of the block page that applies custom rules. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.

DropPageDetail

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The configuration details of the block page

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
PageId	Integer	Yes	The ID of the block page. Specify `0` to use the default block page. (Disused) If 0 is passed, the default block page will be used.
StatusCode	Integer	Yes	The HTTP status code to trigger the block page. Range: 100-600, excluding 3xx codes. Code 566: Requests blocked by managed rules. Code 567: Requests blocked by web security rules (except managed rules).
Name	String	Yes	The block page file or URL.
Type	String	Yes	Type of the block page. Values: • `page` : Return the specified page.
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Type=page` .

EntityStatus

Status of domain names bound with this template.

Used by actions: DescribeSecurityTemplateBindings.

Name	Type	Description
Entity	String	Instance name. Only subdomain names are supported.
Status	String	Instance configuration status. Values: • `online` : Configuration has taken effect; • `fail` : Configuration failed; • `process` : Configuration is being delivered.
Message	String	Message returned after the operation completed.

EnvInfo

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Environment information.

Used by actions: DescribeEnvironments.

Name	Type	Description
EnvId	String	Environment ID.
EnvType	String	Environment type. Valid values: • production: Production environment. • staging: Test environment.
Status	String	Environment status. Valid values: • creating: Being created. • running: The environment is stable, with version changes allowed. • version_deploying: The version is currently being deployed, with no more changes allowed.
Scope	Array of String	Effective scope of the configuration in the current environment. Valid values: • ALL: It takes effect on the entire network when EnvType is set to production. • It returns the IP address of the test node for host binding during testing when EnvType is set to staging.
CurrentConfigGroupVersionInfos	Array of ConfigGroupVersionInfo	For the effective versions of each configuration group in the current environment, there are two possible scenarios based on the value of Status: • When Status is set to version_deploying, the returned value of this field represents the previously effective version. In other words, during the deployment of the new version, the effective version is the one that was in effect before any changes were made. • When Status is set to running, the value returned by this field is the currently effective version.
CreateTime	Timestamp ISO8601	Creation time. The time format follows the ISO 8601 standard and is represented in Coordinated Universal Time (UTC).
UpdateTime	Timestamp ISO8601	Update time. The time format follows the ISO

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		8601 standard and is represented in Coordinated Universal Time (UTC).

ErrorPageReference

Custom error page's referenced source

Used by actions: DescribeCustomErrorPages.

Name	Type	Description
BusinessId	String	Referenced business ID, such as the custom block rule ID.

ExceptConfig

Exception rules, which are used to bypass specific rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable
ExceptUserRules	Array of ExceptUserRule	No	The settings of the exception rule. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.

ExceptUserRule

The settings of the exception rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
RuleName	String	Yes	The rule name.
Action	String	Yes	The rule action. It only supports the

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			value `skip` , which indicates skipping all managed rules.
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled
RuleID	Integer	No	The rule ID, which is automatically created and only used as an output parameter.
UpdateTime	Timestamp ISO8601	No	The update time. If it is null, the current date and time is recorded. Note: This field may return `null` , indicating that no valid value can be obtained.
ExceptUserRuleConditions	Array of ExceptUserRuleCondition	No	The matching condition. Note: This field may return null, indicating that no valid values can be obtained.
ExceptUserRuleScope	ExceptUserRuleScope	No	The scope to which the exception rule applies. Note: This field may return null, indicating that no valid values can be obtained.
RulePriority	Integer	No	The rule priority. Value range: 0-100. If it is null, it defaults to 0.

ExceptUserRuleCondition

The condition of the exception rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
MatchFrom	String	No	The field to match. Values: • `host` : Request domain name • `sip` : Client IP • `ua` : User-Agent • `cookie` : Cookie • `cgi` : CGI script

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			• `xff` : XFF header • `url` : Request URL • `accept` : Request content type • `method` : Request method • `header` : Request header • `sip_proto` : Network layer protocol
MatchParam	String	No	The parameter of the field. Only when `MatchFrom = header` , the key contained in the header can be passed.
Operator	String	No	The logical operator. Values: • `equal` : String equals • `not_equal` : Value not equals • `include` : String contains • `not_include` : String not contains • `match` : IP matches • `not_match` : IP not matches • `include_area` : Regions contain • `is_empty` : Value left empty • `not_exists` : Key fields not exist • `regexp` : Regex matches • `len_gt` : Value greater than • `len_lt` : Value smaller than • `len_eq` : Value equals • `match_prefix` : Prefix matches • `match_suffix` : Suffix matches • `wildcard` : Wildcard
MatchContent	String	No	The value of the parameter.

ExceptUserRuleScope

The scope to which the exception rule applies

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Type	String	No	Exception mode. Values: • `complete` : Skip the exception rule for full requests. • `partial` : Skip the exception rule for partial requests.
Modules	Array of	No	The module to be activated. Values:

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	String		• `waf` : Tencent Cloud-managed rules • `rate` : Rate limiting rules • `acl` : Custom rule • `cc` : CC attack defense • `bot` : Bot protection Note: this field may return `null` , indicating that no valid value is obtained.
PartialModules	Array of PartialModule	No	Module settings of the exception rule. If it is null, the settings that were last configured will be used. Note: This field may return `null` , indicating that no valid value can be obtained.
SkipConditions	Array of SkipCondition	No	Condition settings of the exception rule. If it is null, the settings that were last configured will be used. Note: This field may return `null` , indicating that no valid value can be obtained.

FailReason

Failure reason

Used by actions: CreatePrefetchTask, CreatePurgeTask.

Name	Type	Description
Reason	String	Failure reason.
Targets	Array of String	List of resources failed to be processed.

FileAscriptionInfo

Verification file, used to verify site ownership

Used by actions: DescribeIdentifications, IdentifyZone.

Name	Type	Description
IdentifyPath	String	Directory of the verification file.
IdentifyContent	String	Content of the verification file.

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FileVerification

Information required for verifying via a file. It's applicable to sites connected via CNAMEs.

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
Path	String	EdgeOne obtains the file verification information in the format of "Scheme + Host + URL Path", (e.g. https://www.example.com/.well-known/teo-verification/z12h416twn.txt). This field is the URL path section of the URL you need to create.
Content	String	Content of the verification file. The contents of this field need to be filled into the text file returned by `Path` .

Filter

Key-value pair filters for conditional filtering queries, such as filtering ID, name, and status.
If more than one filter exists, the logical relationship between these filters is `AND` .
If multiple values exist in one filter, the logical relationship between these values under the same filter is `OR` .

Used by actions: DescribeApplicationProxies, DescribeDefaultCertificates, DescribeHostsSetting, DescribeIdentifications, DescribeL4Proxy, DescribeL4ProxyRules, DescribeOriginProtection, DescribeRules.

Name	Type	Required	Description
Name	String	Yes	Fields to be filtered.
Values	Array of String	Yes	Value of the filtered field.

FirstPartConfig

The configuration to detect slow attacks based on the transfer period the first 8 KB of requests

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable

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			Note: This field may return `null` , indicating that no valid value can be obtained.
StatTime	Integer	No	The transfer period threshold of the first 8 KB. If the threshold is reached, it's considered a slow attack. Default: `5` . Note: This field may return `null` , indicating that no valid value can be obtained.

FollowOrigin

The origin cache configuration

Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the configuration of following the origin server. Valid values: • `on` : Enable • `off` : Disable
DefaultCacheTime	Integer	No	Sets the default cache time when the origin server does not return the Cache-Control header. Note: This field may return `null` , indicating that no valid value can be obtained.
DefaultCache	String	No	Specifies whether to enable cache when the origin server does not return the Cache-Control header. Note: This field may return `null` , indicating that no valid value can be obtained.
DefaultCacheStrategy	String	No	Specifies whether to use the default caching policy when Cache-Control is not returned from the origin Note: This field may return `null` , indicating that no valid value can be obtained.

ForceRedirect

Force HTTPS redirect configuration

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable force HTTPS redirect. Values: • `on` : Enable • `off` : Disable
RedirectStatusCode	Integer	No	Redirect status code. Values: • `301` : 301 redirect • `302` : 302 redirect Note: This field may return null, indicating that no valid values can be obtained.

Grpc

Configuration of gRPC support

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable gRPC support. Valid values: • `on` : Enable; • `off` : Disable.

Header

HTTP header, used as input for the CreatePrefetchTask API

Used by actions: CreatePrefetchTask, CreateRealtimeLogDeliveryTask, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Name	String	Yes	HTTP header name.
Value	String	Yes	HTTP header value

Hsts

HSTS configuration

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Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the configuration. Values: • `on` : Enable • `off` : Disable
MaxAge	Integer	No	MaxAge (in seconds). The maximum value is 1 day. Note: This field may return `null` , indicating that no valid values can be obtained.
IncludeSubDomains	String	No	Whether to contain subdomain names. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
Preload	String	No	Whether to enable preloading. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.

Https

Domain name HTTPS acceleration configuration. This is disabled by default.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Http2	String	No	Whether to enable HTTP2. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
OcspStapling	String	No	Whether to enable OCSP. Values: • `on` : Enable • `off` : Disable

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			Note: This field may return null, indicating that no valid values can be obtained.
TlsVersion	Array of String	No	TLS version. Valid values: • `TLSv1` : TLSv1 version; • `TLSV1.1` : TLSv1.1 version; • `TLSV1.2` : TLSv1.2 version; • `TLSv1.3` : TLSv1.3 version. Only consecutive versions can be enabled at the same time. Note: This field may return `null` , indicating that no valid values can be obtained.
Hsts	Hsts	No	HSTS Configuration Note: This field may return null, indicating that no valid values can be obtained.
CertInfo	Array of ServerCertInfo	No	The certificate configuration. Note: This field may return null, indicating that no valid values can be obtained.
ApplyType	String	No	Whether the certificate is managed by EdgeOne. Values: • `apply` : Managed by EdgeOne. • `none` : Not managed by EdgeOne. If it is left empty, the default value `none` is used. Note: This field may return `null` , indicating that no valid value can be obtained.
CipherSuite	String	No	The cipher suite, with values: • loose-v2023: Provides high compatibility with general security, and supports TLS 1.0-1.3 cipher suites; • general-v2023: Provides relatively high compatibility with moderate security, and supports TLS 1.2-1.3 cipher suites; • strict-v2023: Provides high security, disables all cipher suites with security risks, and supports TLS 1.2-1.3 cipher suites. Note: This field may return null, which indicates a failure to obtain a valid value.

IPGroup

IP range group

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Used by actions: CreateSecurityIPGroup, DescribeSecurityIPGroup, DescribeSecurityIPGroupInfo, ModifySecurityIPGroup.

Name	Type	Required	Description
GroupId	Integer	Yes	Group ID. Enter `0` .
Name	String	Yes	Group name.
Content	Array of String	Yes	IP group content. Only supports IP and IP mask.

IPRegionInfo

IP location information query

Used by actions: DescribeIPRegion.

Name	Type	Description
IP	String	IP address, IPV4 or IPV6.
IsEdgeOneIP	String	Whether the IP belongs to an EdgeOne node. Valid values: • yes: This IP belongs to an EdgeOne node; • no: This IP does not belong to an EdgeOne node.

IPWhitelist

Intermediate IPs

Used by actions: DescribeOriginProtection.

Name	Type	Description
IPv4	Array of String	List of IPv4 addresses
IPv6	Array of String	List of IPv6 addresses

Identification

The site verification information

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Used by actions: DescribeIdentifications.

Name	Type	Description
ZoneName	String	The site name.
Domain	String	The subdomain name to be verified. To verify the ownership of a site, leave it blank. Note: This field may return `null` , indicating that no valid values can be obtained.
Status	String	The verification status. Values: • `pending` : The verification is ongoing. • `finished` : The verification completed.
Ascription	AscriptionInfo	Details of the DNS record.
OriginalNameServers	Array of String	The NS record of the domain name. Note: This field may return null, indicating that no valid values can be obtained.
FileAscription	FileAscriptionInfo	Details of the verification file.

ImageOptimize

Image optimization configuration.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable

IntelligenceRule

Bot intelligence rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description

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Switch	String	No	Switch. Values: • `on` : Enable • `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
IntelligenceRuleItems	Array of IntelligenceRuleItem	No	Items in a bot intelligence rule Note: This field may return null, indicating that no valid values can be obtained.

IntelligenceRuleItem

Bot intelligence rule items

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Label	String	Yes	The tag to categorize bots. Values: • `evil_bot` : Malicious bot • `suspect_bot` : Suspected bot • `good_bot` : Good bot • `normal` : Normal request
Action	String	Yes	The action taken on bots. Values • `drop` : Block • `trans` : Allow • `alg` : JavaScript challenge • `captcha` : Managed challenge • `monitor` : Observe

IpTableConfig

IP/Region blocklist/allowlist configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable

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			• `off` : Disable Note: This field may return null, indicating that no valid values can be obtained.
IpTableRules	Array of IpTableRule	No	The settings of the basic access control rule. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.

IpTableRule

IP blocklist/allowlist rule details

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Action	String	Yes	The action. Values: • `drop` : Block • `trans` : Allow • `monitor` : Observe
MatchFrom	String	Yes	The matching dimension. Values: • `ip` : Match by IP. • `area` : Match by IP region.
Operator	String	No	Matching method. It defaults to `equal` if it's left empty. Values: • `is_empty` : The field is empty. • `not_exists` : The configuration item does not exist. • `include` : Include • `not_include` : Do not include • `equal` : Equal to • `not_equal` : Not equal to Note: This field may return null, indicating that no valid values can be obtained.
RuleID	Integer	No	The rule ID, which is only used as an output parameter.
UpdateTime	Timestamp ISO8601	No	The update time, which is only used as an output parameter.

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Status	String	No	The rule status. A null value indicates that the rule is enabled. Values: • `on` : Enabled • `off` : Disabled Note: This field may return null, indicating that no valid values can be obtained.
RuleName	String	No	The rule name. Note: This field may return null, indicating that no valid values can be obtained.
MatchContent	String	No	Matching content. It's not required when `Operator` is `is_emty` or `not_exists` .

Ipv6

The IPv6 access configuration.

Used by actions: CreateApplicationProxy, DescribeApplicationProxies, DescribeHostsSetting, DescribeZoneSetting, ModifyApplicationProxy, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable IPv6 access. Valid values: • `on` : Enable; • `off` : Disable.

L4OfflineLog

The L7 log details

Used by actions: DownloadL4Logs.

Name	Type	Description
ProxyId	String	L4 proxy instance ID.
Area	String	Log query area. Valid values: • `mainland` : Chinese mainland; • `overseas` : Global (outside the Chinese mainland).
LogPacketName	String	Log packet name.

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Url	String	Log download address.
LogTime	Integer	(Disused) Log packaging time.
LogStartTime	Timestamp ISO8601	Start time of log packaging.
LogEndTime	Timestamp ISO8601	End time of the log package.
Size	Integer	Log size (in bytes).

L4Proxy

Layer 4 proxy instance.

Used by actions: DescribeL4Proxy.

Name	Type	Required	Description
ZoneId	String	No	Zone ID.
ProxyId	String	No	Layer 4 proxy instance ID.
ProxyName	String	No	Layer 4 proxy instance name.
Area	String	No	Acceleration zone of the Layer 4 proxy instance. • mainland: Availability zone in the Chinese mainland; • overseas: Global availability zone (excluding the Chinese mainland); • global: Global availability zone.
Cname	String	No	Access via CNAME.
Ips	Array of String	No	After the fixed IP address is enabled, this value will return the corresponding access IP address; if it is not enabled, this value will be empty.
Status	String	No	Status of the Layer 4 proxy instance. • online: Enabled; • offline: Disabled; • progress: Deploying; • stopping: Disabling;

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			• banned: Blocked; • fail: Failed to deploy or disable.
Ipv6	String	No	Specifies whether to enable IPv6 access. • on: Enable; • off: Disable.
StaticIp	String	No	Specifies whether to enable the fixed IP address. • on: Enable; • off: Disable.
AccelerateMainland	String	No	Specifies whether to enable network optimization in the Chinese mainland. • on: Enable • off: Disable
DDosProtectionConfig	DDosProtectionConfig	No	Security protection configuration. Note: This field may return null, indicating that no valid value can be obtained.
L4ProxyRuleCount	Integer	No	Number of forwarding rules under the Layer 4 proxy instance.
UpdateTime	Timestamp ISO8601	No	Latest modification time.

L4ProxyRule

Details of Layer 4 proxy forwarding rules.

Used by actions: CreateL4ProxyRules, DescribeL4ProxyRules, ModifyL4ProxyRules.

Name	Type	Required	Description
RuleId	String	No	Forwarding rule ID. Note: Do not fill in this parameter when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it must be filled in when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules.
Protocol	String	No	Forwarding protocol. Valid values: • TCP: TCP protocol; • UDP: UDP protocol. Note: This parameter must be filled in when

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			L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
PortRange	Array of String	No	Forwarding port, which can be set as follows: • A single port, such as 80; • A range of ports, such as 81-85, representing ports 81, 82, 83, 84, 85. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
OriginType	String	No	Origin server type. Valid values: • IP_DOMAIN: IP/Domain name origin server; • ORIGIN_GROUP: Origin server group; • LB: Cloud Load Balancer, currently only open to the allowlist. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
OriginValue	Array of String	No	Origin server address. • When OriginType is set to IP_DOMAIN, enter the IP address or domain name, such as 8.8.8.8 or test.com; • When OriginType is set to ORIGIN_GROUP, enter the origin server group ID, such as og-537y24vf5b41; • When OriginType is set to LB, enter the Cloud Load Balancer instance ID, such as lb-2qwk30xf7s9g. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
OriginPortRange	String	No	Origin server port, which can be set as follows: • A single port, such as 80; • A range of ports, such as 81-85, representing ports 81, 82, 83, 84, 85. When inputting a range of ports,

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			ensure that the length corresponds with that of the forwarding port range. For example, if the forwarding port range is 80-90, this port range should be 90-100. Note: This parameter must be filled in when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
ClientIPPassThroughMode	String	No	Transmission of the client IP address. Valid values: • TOA: Available only when Protocol=TCP; • PPV1: Transmission via Proxy Protocol V1. Available only when Protocol=TCP; • PPV2: Transmission via Proxy Protocol V2; • SPP: Transmission via Simple Proxy Protocol. Available only when Protocol=UDP; • OFF: No transmission. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules, and if not specified, the default value OFF will be used; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
SessionPersist	String	No	Specifies whether to enable session persistence. Valid values: • on: Enable; • off: Disable. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules, and if not specified, the default value off will be used; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
SessionPersistTime	Integer	No	Session persistence period, with a range of 30-3600, measured in seconds. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules. It is valid only when SessionPersist is set to on and defaults

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			to 3600 if not specified. It is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
RuleTag	String	No	Rule tag. Accepts 1-50 arbitrary characters. Note: This parameter is optional when L4ProxyRule is used as an input parameter in CreateL4ProxyRules; it is optional when L4ProxyRule is used as an input parameter in ModifyL4ProxyRules. If not specified, it will retain its existing value.
Status	String	No	Rule status. Valid values: • online: Enabled; • offline: Disabled; • progress: Deploying; • stopping: Disabling; • fail: Failed to deploy or disable. Note: Do not set this parameter when L4ProxyRule is used as an input parameter in CreateL4ProxyRules and ModifyL4ProxyRules.
BuId	String	No	BuID.

L7OfflineLog

Details of L7 logs.

Used by actions: DownloadL7Logs.

Name	Type	Description
Domain	String	Log domain name.
Area	String	Log query area. Valid values: • `mainland` : Chinese mainland; • `overseas` : Global (outside the Chinese mainland).
LogPacketName	String	Log packet name.
Url	String	Log download address.
LogTime	Integer	(Disused) Log packaging time.
LogStartTime	Timestamp ISO8601	Start time of log packaging.

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LogEndTime	Timestamp ISO8601	End time of the log package.
Size	Integer	Original log size (in bytes).

LogFormat

Output format for real-time log delivery. You can directly use the specified predefined log output format (JSON Lines / csv) through the FormatType parameter, or define a variant output format through additional parameters based on the predefined log output format.

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
FormatType	String	Yes	Predefined output format type for log delivery. Valid values: • json: Use the predefined log output format JSON Lines, where fields in each log record are presented as key-value pairs; • csv: Use the predefined log output format csv, where fields in each log record is only presented as field values, excluding field names.
BatchPrefix	String	No	A string added before each log delivery batch. Each log delivery batch may contain multiple log records.
BatchSuffix	String	No	A string appended after each log delivery batch.
RecordPrefix	String	No	A string added before each log record.
RecordSuffix	String	No	A string appended after each log record.
RecordDelimiter	String	No	A string inserted between log records as a separator. Valid values: • \n: Line break; • \t: Tab character; • ,: Half-width comma.
FieldDelimiter	String	No	A string inserted between fields as a separator within a single log record. Valid values: • \t: Tab character; • ,: Half-width comma; • ;: Half-width semicolon.

MaxAge

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Browser cache rule configuration, which is used to set the default value of `MaxAge` and is disabled by default.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
FollowOrigin	String	No	Whether to follow the origin server. Values: • `on` : Follow the origin server and ignore the field MaxAgeTime; • `off` : Do not follow the origin server and apply the field MaxAgeTime.
MaxAgeTime	Integer	No	Specifies the maximum amount of time (in seconds). The maximum value is 365 days. Note: The value `0` means not to cache.

NoCache

No-cache configuration

Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable no-cache configuration. Valid values: • `on` : Enable • `off` : Disable

NormalAction

Common action of the rule engine

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Action	String	Yes	Feature name. For details, see DescribeRulesSetting API
Parameters	Array of RuleNormalActionParams	Yes	Parameter

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NsVerification

Information required for switching DNS servers. It's applicable to sites connected via NSs.

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
NameServers	Array of String	The DNS server address assigned to the user when connecting a site to EO via NS. You need to switch the NameServer of the domain name to this address.

OfflineCache

Offline cache feature status switch.

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether offline cache is enabled. Valid values: • `on` : Enable • `off` : Disable

Origin

The origin server configuration.

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Origins	Array of String	No	Primary origin server list Note: This field may return null, indicating that no valid values can be obtained.
BackupOrigins	Array of String	No	The list of backup origin servers. Note: This field may return null, indicating that no valid values can be obtained.
OriginPullProtocol	String	No	Origin-pull protocol configuration. Values: • `http` : Force HTTP for origin-pull.

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			• `follow` : Follow protocol. • `https` : Force HTTPS for origin-pull. Note: This field may return `null` , indicating that no valid value can be obtained.
CosPrivateAccess	String	No	Whether to allow private access to buckets when `OriginType=cos` . Valid values: • `on` : Private access; • `off` : Public access. Note: This field may return `null` , indicating that no valid values can be obtained.

OriginDetail

Details of the origin.

Used by actions: DescribeAccelerationDomains.

Name	Type	Description
OriginType	String	Origin server type, with values: • IP_DOMAIN: IPv4, IPv6, or domain name type origin server; • COS: Tencent Cloud COS origin server; • AWS_S3: AWS S3 origin server; • ORIGIN_GROUP: origin server group type origin server; • VODEO: VOD on EO; • VOD: Video on Demand; • SPACE: origin server uninstallation. Currently only available to the allowlist; • LB: load balancing. Currently only available to the allowlist.
Origin	String	Origin server address, which varies according to the value of OriginType: • When OriginType = IP_DOMAIN, this parameter should be an IPv4 address, an IPv6 address, or a domain name; • When OriginType = COS, this parameter should be the access domain name of the COS bucket; • When OriginType = AWS_S3, this parameter should be the access domain name of the S3 bucket; • When OriginType = ORIGIN_GROUP, this parameter should be the origin server group ID;

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		• When OriginType = VOD, this parameter should be the VOD application ID; • When OriginType = VODEO, if VodeoDistributionRange = ALL, then this parameter is "all-buckets-in-vodeo-application"; if VodeoDistributionRange = Bucket, then this parameter is the domain name of the corresponding bucket.
BackupOrigin	String	Secondary origin group ID. This parameter is valid only when OriginType is ORIGIN_GROUP and a secondary origin group is configured.
OriginGroupName	String	Primary origin group name. This parameter returns a value when OriginType is ORIGIN_GROUP.
BackOriginGroupName	String	Secondary origin group name. This parameter is valid only when OriginType is ORIGIN_GROUP and a secondary origin group is configured.
PrivateAccess	String	Whether access to the private object storage origin server is allowed. This parameter is valid only when the origin server type OriginType is COS or AWS_S3. Valid values: • on: Enable private authentication; • off: Disable private authentication. If this field is not specified, the default value 'off' will be used.
PrivateParameters	Array of PrivateParameter	Private authentication parameter. This parameter is valid only when PrivateAccess is on. Note: This field may return null, indicating that no valid values can be obtained.
VodeoSubAppId	Integer	MO sub-application ID
VodeoDistributionRange	String	MO distribution range. Valid values: • All: all • Bucket: bucket
VodeoBucketId	String	MO bucket ID, required when the distribution range (DistributionRange) is bucket (Bucket)

OriginGroup

Origin group information.

Used by actions: DescribeOriginGroup.

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Name	Type	Description
GroupId	String	The ID of the origin group.
Name	String	The name of the origin group.
Type	String	The origin group type. Values: • `GENERAL` : General origin group • `HTTP` : HTTP-specific origin group
Records	Array of OriginRecord	Details of the origin record.
References	Array of OriginGroupReference	List of instances referencing this origin group.
CreateTime	Timestamp ISO8601	Creation time of the origin group.
UpdateTime	Timestamp ISO8601	The update time of the origin group.
HostHeader	String	Origin-pull host header Note: This field may return·null, indicating that no valid values can be obtained.

OriginGroupReference

Services referencing this origin group

Used by actions: DescribeOriginGroup.

Name	Type	Description
InstanceType	String	Services referencing the origin group. Values: • `AccelerationDomain` : Acceleration domain name • `RuleEngine` : Rules engine • `Loadbalance` : Load balancer • `ApplicationProxy` : L4 proxy
InstanceId	String	ID of the instances referencing the origin group
InstanceName	String	Name of the instance referencing the origin group

OriginInfo

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Details of the origin.

Used by actions: CreateAccelerationDomain, ModifyAccelerationDomain.

Name	Type	Required	Description
OriginType	String	Yes	Origin server type, with values: • IP_DOMAIN: IPv4, IPv6, or domain name type origin server; • COS: Tencent Cloud COS origin server; • AWS_S3: AWS S3 origin server; • ORIGIN_GROUP: origin server group type origin server; • VOD: Video on Demand; • SPACE: origin server uninstallation. Currently only available to the allowlist; • LB: load balancing. Currently only available to the allowlist.
Origin	String	Yes	Origin server address, which varies according to the value of OriginType: • When OriginType = IP_DOMAIN, fill in an IPv4 address, an IPv6 address, or a domain name; • When OriginType = COS, fill in the access domain name of the COS bucket; • When OriginType = AWS_S3, fill in the access domain name of the S3 bucket; • When OriginType = ORIGIN_GROUP, fill in the origin server group ID; • When OriginType = VOD, fill in the VOD application ID; • When OriginType = LB, fill in the Cloud Load Balancer instance ID. This feature is currently only available to the allowlist; • When OriginType = SPACE, fill in the origin server uninstallation space ID. This feature is currently only available to the allowlist.
BackupOrigin	String	No	The ID of the secondary origin group. This parameter is valid only when OriginType is ORIGIN_GROUP. This field indicates the old version capability, which cannot be configured or modified on the control panel after being called. Please submit a ticket if required.

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PrivateAccess	String	No	Whether access to the private Cloud Object Storage origin server is allowed. This parameter is valid only when OriginType is COS or AWS_S3. Valid values: • on: Enable private authentication; • off: Disable private authentication. If it is not specified, the default value is off.
PrivateParameters	Array of PrivateParameter	No	Private authentication parameter. This parameter is valid only when PrivateAccess is on.
VodeoSubAppId	Integer	No	VODEO sub-application ID. This parameter is required when OriginType is VODEO.
VodeoDistributionRange	String	No	VOD on EO distribution range. This parameter is required when OriginType = VODEO. The values are: • All: all buckets under the current application; • Bucket: a specified bucket.
VodeoBucketId	String	No	VODEO storage bucket ID. This parameter is required when OriginType is VODEO and VodeoDistributionRange is Bucket.

OriginProtectionInfo

Origin protection configuration

Used by actions: DescribeOriginProtection.

Name	Type	Description
ZoneId	String	ID of the site.
Hosts	Array of String	List of domain names.
ProxyIds	Array of String	List of proxy IDs.
CurrentIPWhitelist	IPWhitelist	The existing intermediate IPs. Note: This field may return `null` , indicating that no valid values can

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		be obtained.
NeedUpdate	Boolean	Whether the intermediate IP update is needed for the site. Values: • `true` : Update needed; • `false` : Update not needed.
Status	String	Status of the origin protection configuration. Values: • `online` : Origin protection is activated; • `offline` : Origin protection is disabled. • `nonactivate` : Origin protection is not activated. This value is returned only when the feature is not activated before it's used.
PlanSupport	Boolean	Whether origin protection is supported in the plan. Values: • `true` : Origin protection supported; • `false` : Origin protection not supported.
DiffIPWhitelist	DiffIPWhitelist	Differences between the latest and existing intermediate IPs. Note: This field may return `null` , indicating that no valid values can be obtained.

OriginRecord

Origin group record

Used by actions: CreateOriginGroup, DescribeOriginGroup, ModifyOriginGroup.

Name	Type	Required	Description
Record	String	Yes	The origin record value, which can be an IPv4/IPv6 address or a domain name.
Type	String	No	The origin type. Values: • `IP_DOMAIN` : IPv4/IPv6 address or domain name • `COS` : COS bucket address • `AWS_S3` : AWS S3 bucket address
RecordId	String	No	The origin record ID.
Weight	Integer	No	Weight of an origin. Range: 0-100. If it is not specified, a random weight is assigned. If `0` is passed in, there is no traffic scheduled to this origin. Note: This field may return·null, indicating that no valid values can be obtained.

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Private	Boolean	No	Whether to enable private authentication. It is valid when `OriginType=COS/AWS_S3`. Values: • `true`: Yes. • `false`: No. Default: `false`.
PrivateParameters	Array of PrivateParameter	No	Private authentication parameters. This field is valid when `Private=true`.

OwnershipVerification

Information of domain name ownership verification.

Used by actions: CreateAccelerationDomain, CreateZone, DescribeAccelerationDomains, DescribeZones.

Name	Type	Description
DnsVerification	DnsVerification	u200cInformation required for authentication using DNS resolution. It's applicable to sites connected via CNAME. See Ownership Verification. Note: This field may return·null, indicating that no valid values can be obtained.
FileVerification	FileVerification	u200cInformation required for verifying via a file. It's applicable to sites connected via CNAMEs. See Ownership Verification. Note: This field may return·null, indicating that no valid values can be obtained.
NsVerification	NsVerification	u200cInformation required for switching DNS servers. It's applicable to sites connected via NSs. For details, see Modifying DNS Server. Note: This field may return·null, indicating that no valid values can be obtained.

PartialModule

Module settings of the exception rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Module	String	No	The module. Values:

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			• `waf` : Managed rules
Include	Array of Integer	No	List of managed rule IDs to be skipped. Note: This field may return `null` , indicating that no valid value can be obtained.

PlanInfo

EdgeOne plan information

Used by actions: DescribeAvailablePlans.

Name	Type	Description
Currency	String	Settlement currency. Values: • `CNY` : Settled by Chinese RMB; • `USD` : Settled by US dollars.
Flux	Integer	Traffic quota of the plan. It includes the traffic for security acceleration, content acceleration and smart acceleration. Unit: byte.
Frequency	String	Settlement cycle. Values: • `y` : Settled by year; • `m` : Settled by month; • `h` : Settled by hour; • `M` : Settled by minute; • `s` : Settled by second.
PlanType	String	The plan option. Values: • `sta` : Standard plan that supports content delivery network outside the Chinese mainland. • `sta_with_bot` : Standard plan that supports content delivery network outside the Chinese mainland and bot management. • `sta_cm` : Standard plan that supports content delivery network inside the Chinese mainland. • `sta_cm_with_bot` : Standard plan that supports content delivery network inside the Chinese mainland and bot management. • `sta` : Standard plan that supports content delivery network over the globe. • `sta_global_with_bot` : Standard plan that supports content delivery network over the globe and bot management. • `ent` : Enterprise plan that supports content delivery network outside the Chinese mainland. • `ent_with_bot` : Enterprise plan that supports content delivery network outside the Chinese mainland and bot management.

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		• `ent_cm` : Enterprise plan that supports content delivery network inside the Chinese mainland. • `ent_cm_with_bot` : Enterprise plan that supports content delivery network inside the Chinese mainland and bot management. • `ent_global` : Enterprise plan that supports content delivery network over the globe. • `ent_global_with_bot` : Enterprise plan that supports content delivery network over the globe and bot management.
Price	Float	Plan price (in CNY fen/US cent). The price unit depends on the settlement currency.
Request	Integer	Quota on security acceleration requests
SiteNumber	Integer	Number of sites to be bound to the plan
Area	String	The acceleration region. Values: • `mainland` : Chinese mainland • `overseas` : Global (Chinese mainland not included) • `global` : Global (Chinese mainland included)

PostMaxSize

Maximum size of the file uploaded for streaming via a POST request

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable POST upload limit (default limit: 32 MB). Valid values: • `on` : Enable; • `off` : Disable.
MaxSize	Integer	No	Maximum size. Value range: 1-500 MB. Note: This field may return null, indicating that no valid values can be obtained.

PrepaidPlanParam

Prepaid Plan Billing Parameters

Used by actions: CreatePlan.

Name	Type	Required	Description

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Period	Integer	No	Prepaid plan duration, unit: month. Valid values: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 24, 36. If this field is not specified, the default value '1' will be used.
RenewFlag	String	No	The auto-renewal flag for prepaid plan has the following values: • on: Enable auto-renewal; • off: Disable auto-renewal. If this field is not specified, the default value 'off' will be used. When auto-renewal is enabled, it defaults to renewing for one month.

PrivateParameter

Private authentication parameters for Cloud Object Storage origin server

Used by actions: CreateAccelerationDomain, CreateOriginGroup, DescribeAccelerationDomains, DescribeOriginGroup, ModifyAccelerationDomain, ModifyOriginGroup.

Name	Type	Required	Description
Name	String	Yes	The name of the private authentication parameter. Valid values: • AccessKeyId: Access Key ID for authentication; • SecretAccessKey: Secret Access Key for authentication; • SignatureVersion: Authentication version, v2 or v4; • Region: The region of the storage bucket.
Value	String	Yes	The parameter value.

QueryCondition

The query condition

Used by actions: CreateRealtimeLogDeliveryTask, DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData, DescribeTopL7AnalysisData, DescribeTopL7CacheData, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Key	String	Yes	The key of QueryCondition.
Operator	String	Yes	The conditional operator. Values:

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			• `equals` : Equals • `notEquals` : Does not equal • `include` : Contains • `notInclude` : Does not contain • `startWith` : Starts with • `notStartWith` : Does not start with • `endWith` : Ends with • `notEndWith` : Does not end with
Value	Array of String	Yes	The value of QueryCondition.

QueryString

Request parameter contained in `CacheKey`

Used by actions: DescribeHostsSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to use `QueryString` as part of `CacheKey` . Values: • `on` : Yes • `off` : No
Action	String	No	Specifies how to use query strings in the cache key. Values: • `includeCustom` : `Include partial query strings.</li>` `<li>` excludeCustom`: Exclude partial query strings. Note: This field may return null, indicating that no valid values can be obtained.
Value	Array of String	No	Array of query strings used/excluded Note: This field may return null, indicating that no valid values can be obtained.

Quic

QUIC configuration item

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description

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Switch	String	Yes	Whether to enable QUIC. Valid values: • `on` : Enable; • `off` : Disable.

Quota

Purging/Pre-warming available usage and quota

Used by actions: DescribeContentQuota.

Name	Type	Description
Batch	Integer	
Daily	Integer	Daily submission quota limit.
DailyAvailable	Integer	Remaining daily submission quota.
Type	String	Type of cache purging/pre-warming. Values: • `purge_prefix` : Purge by prefix • `purge_url` : Purge by URL • `purge_host` : Purge by hostname • `purge_all` : Purge all caches • `purge_cache_tag` : Purge by cache tag • `prefetch_url` : Pre-warm by URL

RateLimitConfig

Rate limiting rules

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
RateLimitUserRules	Array of RateLimitUserRule	No	The settings of the custom rate limiting rule. If it is null, the settings that were last configured will be used.
RateLimitTemplate	RateLimitTemplate	No	The settings of the rate limiting template. If it is

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			null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.
RateLimitIntelligence	RateLimitIntelligence	No	The client filtering settings. If it is null, the settings that were last configured will be used. Note: This field may return null, indicating that no valid values can be obtained.
RateLimitCustomizes	Array of RateLimitUserRule	No	The custom rate limiting rules. If it is `null` , the previous settings is used. Note: This field may return `null` , indicating that no valid value can be obtained.

RateLimitIntelligence

Client filtering

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable configuration. Values: • `on` : Enable • `off` : Disable
Action	String	Yes	Action to be executed. Values: • `monitor` : Observe • `alg` : Challenge
RuleId	Integer	No	The rule ID, which is only used as a response parameter.

RateLimitTemplate

Rate limit template

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Mode	String	Yes	The mode. Values: • `sup_loose` : Super loose

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			• `loose` : Loose • `emergency` : Emergency • `normal` : Moderate • `strict` : Strict • `close` : Off
Action	String	No	The action. Values: • `alg` : JavaScript challenge • `monitor` : Observe If it is left empty, the default value `alg` is used.
RateLimitTemplateDetail	RateLimitTemplateDetail	No	The settings of the rate limiting template. It is only used as an output parameter.

RateLimitTemplateDetail

The settings of the rate limiting template

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Mode	String	Yes	Note: This field may return null, which indicates a failure to obtain a valid value.
ID	Integer	Yes	The unique ID.
Action	String	Yes	Note: This field may return null, which indicates a failure to obtain a valid value.
PunishTime	Integer	Yes	Note: This field may return null, which indicates a failure to obtain a valid value.
Threshold	Integer	Yes	The request threshold. Value range: 0-4294967294.
Period	Integer	Yes	The statistical period. Value range: 0-120 seconds.

RateLimitUserRule

Rate limit rule

Used by actions: ModifySecurityPolicy.

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Name	Type	Required	Description
Threshold	Integer	Yes	The request threshold. Value range: 0-4294967294.
Period	Integer	Yes	The statistical period. The value can be 10, 20, 30, 40, 50, or 60 seconds.
RuleName	String	Yes	The rule name, which consists of only letters, digits, and underscores and cannot start with an underscore.
Action	String	Yes	Action. Values: • `monitor` : Observe; • `drop` : Block; • `redirect` : Redirect; • `page` : Return a specific page; • `alg` : JavaScript challenge.
PunishTime	Integer	Yes	The amount of time taken to perform the action. Value range: 0 seconds - 2 days.
PunishTimeUnit	String	Yes	The time unit. Values: • `second` : Second • `minutes` : Minute • `hour` : Hour
RuleStatus	String	Yes	The rule status. Values: • `on` : Enabled • `off` : Disabled Default value: `on`
AclConditions	Array of AclCondition	Yes	The rule details.
RulePriority	Integer	Yes	The rule weight. Value range: 0-100.
RuleID	Integer	No	Rule ID, which is only used as an output parameter.
FreqFields	Array of String	No	The filter. Values: • `sip` : Client IP This parameter is left empty by default.
UpdateTime	String	No	Update time. It is only used as a response parameter, and defaults to the current time.
FreqScope	Array of String	No	Query scope. Values:

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			• `source_to_eo` : (Response) Traffic going from the origin to EdgeOne. • `client_to_eo` : (Request) Traffic going from the client to EdgeOne. Default: `source_to_eo` .
Name	String	No	Name of the custom return page. It's required when `Action=page` .
CustomResponseId	String	No	ID of custom response. The ID can be obtained via the `DescribeCustomErrorPages` API. It's required when `Action=page` .
ResponseCode	Integer	No	The response code to trigger the return page. It's required when `Action=page` . Value: 100-600. 3xx response codes are not supported. Default value: 567.
RedirectUrl	String	No	The redirection URL. It's required when `Action=redirect` .

RealtimeLogDeliveryTask

Real-time log delivery task

Used by actions: DescribeRealtimeLogDeliveryTasks.

Name	Type	Description
TaskId	String	The ID of the real-time log delivery task.
TaskName	String	The name of the real-time log delivery task.
DeliveryStatus	String	The status of the real-time log delivery task. Valid values: • enabled: Enabled; • disabled: Disabled; • deleted: Abnormal deletion. Check whether the destination Tencent Cloud CLS log set/log topic has been deleted.
TaskType	String	The type of the real-time log delivery task. Valid values: • cls: Push to Tencent Cloud CLS; • custom_endpoint: Push to a custom HTTP(S) address; • s3: Push to an AWS S3-compatible bucket address.
EntityList	Array of String	The list of entities (Layer 7 domains or Layer 4 proxy instances)

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		corresponding to the real-time log delivery task. Valid value examples: • Layer 7 domain: domain.example.com; • Layer 4 proxy instance: sid-2s69eb5wcms7.
LogType	String	The data delivery type. Valid values: • domain: Site acceleration log; • application: Layer 4 proxy log; • web-rateLiming: Rate limit and CC attack defense log; • web-attack: Managed rule log; • web-rule: Custom rule log; • web-bot: Bot management log.
Area	String	The data delivery area. Valid values: • mainland: Within the Chinese mainland; • overseas: Global (excluding the Chinese mainland).
Fields	Array of String	The list of predefined fields for delivery.
CustomFields	Array of CustomField	The list of custom fields for delivery.
DeliveryConditions	Array of DeliveryCondition	Log delivery filter conditions.
Sample	Integer	The sampling ratio in permille. Value range: 1 to 1000. For example, 605 represents a sampling ratio of 60.5%.
LogFormat	LogFormat	Output format for log delivery. When the output parameter is null, the default format is used, which works as follows: • When TaskType is 'custom_endpoint', the default format is an array of JSON objects, with each JSON object representing a log entry; • When TaskType is 's3', the default format is JSON Lines. Note: This field may return 'null', which indicates a failure to obtain a valid value.
CLS	CLSTopic	Note: This field may return null, indicating that no valid values can be obtained.
CustomEndpoint	CustomEndpoint	Note: This field may return null, indicating that no valid values can be obtained.
S3	S3	Note: This field may return null, indicating that no valid values can be obtained.

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CreateTime	Timestamp ISO8601	The creation time.
UpdateTime	Timestamp ISO8601	The update time.

RenewFlag

Auto-renewal configuration item in a prepaid plan.

Used by actions: ModifyPlan.

Name	Type	Required	Description
Switch	String	Yes	The auto-renewal flag for prepaid plan has the following values: • on: Enable auto-renewal; • off: Disable auto-renewal.

Resource

Billable resource

Used by actions: DescribeZones.

Name	Type	Description
Id	String	The resource ID.
PayMode	Integer	Billing mode `0` : Pay-as-you-go
CreateTime	Timestamp ISO8601	The creation time.
EnableTime	Timestamp ISO8601	The effective time.
ExpireTime	Timestamp ISO8601	The expiration time.
Status	String	The plan status. Values: • `normal` : Normal • `isolated` : Isolated

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		• `destroyed` : Terminated
Sv	Array of Sv	Pricing query parameter
AutoRenewFlag	Integer	Whether to enable auto-renewal. Values: • `0` : Default status. • `1` : Enable auto-renewal. • `2` : Disable auto-renewal.
PlanId	String	ID of the resource associated with the plan.
Area	String	Applicable area. Values: • `mainland` : Chinese mainland • `overseas` : Regions outside the Chinese mainland • `global` : Global
Group	String	The resource type. Values: • `plan` : Plan resources • `pay-as-you-go` : Pay-as-you-go resources • `value-added` : Value-added resources Note: This field may return null, indicating that no valid values can be obtained.
ZoneNumber	Integer	The sites that are associated with the current resources. Note: This field may return null, indicating that no valid values can be obtained.
Type	String	Resource tag type. Valid values: • vodeo: vodeo resource.

RewriteAction

Rule engine action for the HTTP request/response header

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Action	String	Yes	Feature name. For details, see DescribeRulesSetting API
Parameters	Array of RuleRewriteActionParams	Yes	Parameter

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Rule

Rule item of the rule engine. The items in the `Conditions` array are in `OR` relationship, and the items in the inner `Conditions` list are in `AND` relationship.

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Conditions	Array of RuleAndConditions	Yes	Feature execution conditions. Note: If any condition in the array is met, the feature will run.
Actions	Array of Action	No	Feature to be executed. Note: Actions and SubRules cannot both be empty.
SubRules	Array of SubRuleItem	No	The nested rule. Note: Actions and SubRules cannot both be empty.

RuleAndConditions

List of rule engine conditions in `AND` relationship

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Conditions	Array of RuleCondition	Yes	Rule engine condition. This condition will be considered met if all items in the array are met.

RuleChoicePropertiesItem

Detailed settings of the rule engine that can be used for request match, which are optional parameter configuration items.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Name	String	The parameter name.
Type	String	The parameter value type.

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		• CHOICE: The parameter value can be selected only from `Values`. • TOGGLE: The parameter value is of switch type and can be selected from `ChoicesValue`. • CUSTOM_NUM: The parameter value is a custom integer. • CUSTOM_STRING: The parameter value is a custom string.
ChoicesValue	Array of String	Valid parameter values. Note: If `Type` is `CUSTOM_NUM` or `CUSTOM_STRING`, this parameter will be an empty array.
Min	Integer	Minimum value. If both `Min` and `Max` are set to `0`, this parameter does not take effect.
Max	Integer	Maximum value. If both `Min` and `Max` are set to `0`, this parameter does not take effect.
IsMultiple	Boolean	Whether multiple values can be selected or entered.
IsAllowEmpty	Boolean	Whether the parameter can be left empty.
ExtraParameter	RuleExtraParameter	Special parameter. • NULL: Select `NormalAction` for `RuleAction`. • If the member parameter `Id` is `Action`, select `RewirteAction` for `RuleAction`. • If the member parameter `Id` is `StatusCode`, select `CodeAction` for `RuleAction`.

RuleCodeActionParams

Parameters of the action with the `StatusCode` field as the rule engine condition

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
StatusCode	Integer	Yes	The status code.
Name	String	Yes	The parameter name. For details, see DescribeRulesSetting.
Values	Array of String	Yes	The parameter value.

RuleCondition

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Rule engine condition parameters

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Operator	String	Yes	Operator. Valid values: • `equals` : Equals • `notEquals` : Does not equal • `exist` : Exists • `notexist` : Does not exist
Target	String	Yes	Match type. Valid values: • filename: File name; • extension: File extension; • host: Host name; • full_url: The complete URL path under the current site, which must include the HTTP protocol, host, and path; • url: Request for the URL path under the current site; • client_country: Client country/region; • query_string: The query string of the URL requested under the current site; • request_header: HTTP request header; • client_ip: Client IP address.
Values	Array of String	No	The parameter values for match types. It is allowed to pass an empty array only when the match type is query_string or request_header and the operator value is Exist or Does Not Exist. The corresponding match types include: • File extension: Extensions like jpg, txt, etc.; • File name: For example, foo in foo.jpg; • All: All requests for domain names under the site; • HOST: The host under the current site, for example, www.maxx55.com; • URL Path: Request for the URL path under the current site, for example, /example; • URL Full: The complete URL request under the current site, which must include the HTTP protocol, host, and path, for example, https://www.maxx55.cn/example; • Client country/region: Country/region codes compliant with the ISO3166 standard; • Query string: The parameter values in the query string of the URL requested under the current site, for example, cn and 1 in lang=cn&version=1; • HTTP request header: The value of the HTTP request header field, for example, zh-CN,zh;q=0.9 in Accept-Language:zh-CN,zh;q=0.9;

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			• Client IP: The client IP address carried by the current request, supporting IPv4, IPv6, and an IP range.
IgnoreCase	Boolean	No	Whether the parameter value is case insensitive. Default value: false.
Name	String	No	The parameter name of the match type. This field is required only when `Target=query_string/request_header`. • `query_string`: Name of the query string, such as "lang" and "version" in "lang=cn&version=1". • `request_header`: Name of the HTTP request header, such as "Accept-Language" in the "Accept-Language:zh-CN,zh;q=0.9" header.

RuleExtraParameter

Rule engine parameter details and special parameter types.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Id	String	Parameter name. Valid values: • `Action`: Required parameter for HTTP header modification when `RewirteAction` is selected for `RuleAction`. • `StatusCode`: Required parameter for the status code feature when `CodeAction` is selected for `RuleAction`.
Type	String	Parameter value type. • `CHOICE`: The parameter value can be selected only from `Values`. • `CUSTOM_NUM`: The parameter value is a custom integer. • `CUSTOM_STRING`: The parameter value is a custom string.
Choices	Array of String	Valid values. Note: If the value of `Id` is `StatusCode`, values in the array are all integer values. When entering a parameter value, enter the integer value of the string.

RuleItem

Rule details of the rule engine

Used by actions: DescribeRules.

Name	Type	Description

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RuleId	String	The rule ID.
RuleName	String	The rule name. It is a string that can contain 1–255 characters.
Status	String	Rule status. Values: • `enable` : Enabled • `disable` : Disabled
Rules	Array of Rule	The rule content.
RulePriority	Integer	The rule priority. The greater the value, the higher the priority. The minimum value is `1` .
Tags	Array of String	Tag of the rule.

RuleNormalActionParams

Common action parameter of a rule engine condition

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Name	String	Yes	The parameter name. For details, see DescribeRulesSetting.
Values	Array of String	Yes	The parameter value.

RuleRewriteActionParams

Parameter of the action for the HTTP request/response header of a rule engine condition.

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Action	String	Yes	Feature parameter name. For details, see DescribeRulesSetting. • `add` : Add the HTTP header. • `set` : Rewrite the HTTP header. • `del` : Delete the HTTP header.
Name	String	Yes	Parameter name

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Values	Array of String	Yes	Parameter value

RulesProperties

Detailed settings of the rule engine that can be used for request match.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Name	String	Parameter name.
Min	Integer	Minimum value. If both `Min` and `Max` are set to `0`, this parameter does not take effect.
ChoicesValue	Array of String	Valid parameter values. Note: If `Type` is `CUSTOM_NUM` or `CUSTOM_STRING`, this parameter will be an empty array.
Type	String	The parameter value type. • `CHOICE`: `If Type=CHOICE`, choose a value in `ChoiceValue`. • `TOGGLE`: If `Type=TOGGLE`, choose `on` or `off` from `ChoicesValue`. • `OBJECT`: Specify an object. If this is specified, `ChoiceProperties` includes attributes of the specified object. See Example 2. Create a rule with Type=OBJECT • `CUSTOM_NUM`: (Integer) Custom value. • `CUSTOM_STRING`: (String) Custom value.
Max	Integer	Maximum value. If both `Min` and `Max` are set to `0`, this parameter does not take effect.
IsMultiple	Boolean	Whether multiple values can be selected or entered.
IsAllowEmpty	Boolean	Whether the parameter can be left empty.
ChoiceProperties	Array of RuleChoicePropertiesItem	Associated configuration parameters of this parameter, which are required for API call. Note: This parameter will be an empty array if no special parameters are added as optional parameters.
ExtraParameter	RuleExtraParameter	• NULL: No special parameters when `NormalAction` is selected for `RuleAction`.

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		Note: This field may return null, indicating that no valid values can be obtained.

RulesSettingAction

List of the settings of the rule engine that can be used for request match and their detailed information.

Used by actions: DescribeRulesSetting.

Name	Type	Description
Action	String	Feature name. Valid values: • Access URL rewrite (`AccessUrlRedirect`). • Origin-pull URL rewrite (`UpstreamUrlRedirect`). • Custom error page (`ErrorPage`). • QUIC (`QUIC`). • WebSocket (`WebSocket`). • Video dragging (`VideoSeek`). • Token authentication (`Authentication`). • `CacheKey` : Custom cache key. • `Cache` : Node cache TTL. • `MaxAge` : Browser cache TTL. • `OfflineCache` : Offline cache. • `SmartRouting` : Smart acceleration. • `RangeOriginPull` : Range GETs. • `UpstreamHttp2` : HTTP/2 forwarding. • `HostHeader` : Host header rewrite. • `ForceRedirect` : Force HTTPS. • `OriginPullProtocol` : Origin-pull HTTPS. • `CachePrefresh` : Cache prefresh. • `Compression` : Smart compression. • `RequestHeader` : HTTP request header modification. • HTTP response header modification (`ResponseHeader`). • Status code cache TTL (`StatusCodeCache`). • `Hsts` . • `ClientIpHeader` . • `TlsVersion` . • `OcspStapling` .
Properties	Array of RulesProperties	Parameter information

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S3

The configuration information of real-time log delivery to an AWS S3 compatible bucket

Used by actions: CreateRealtimeLogDeliveryTask, DescribeRealtimeLogDeliveryTasks, ModifyRealtimeLogDeliveryTask.

Name	Type	Required	Description
Endpoint	String	Yes	The URL without bucket name or path, for example: `https://storage.googleapis.com` , `https://s3.ap-northeast-2.amazonaws.com` , and `https://cos.ap-nanjing.myqcloud.com` .
Region	String	Yes	The region where the bucket is located, for example: `ap-northeast-2` .
Bucket	String	Yes	The bucket name and log storage directory, for example: `your_bucket_name/EO-logs/` . If the directory does not exist in the bucket, it will be created automatically.
AccessId	String	Yes	The Access Key ID used to access the bucket.
AccessKey	String	Yes	The secret key used to access the bucket.
CompressType	String	No	The data compress type. Valid values: • gzip: gzip compression. If this field is not filled in, compression is disabled.

SecEntry

Returned value of security data entry

Used by actions: DescribeDDoSAttackData.

Name	Type	Description
Key	String	The query dimension value.
Value	Array of SecEntryValue	The details.

SecEntryValue

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The security data queried by metric

Used by actions: DescribeDDoSAttackData.

Name	Type	Description
Metric	String	The metric name.
Detail	Array of TimingDataItem	The time-series data details.
Max	Integer	The maximum value.
Avg	Float	The average value.
Sum	Float	Sum

SecurityConfig

Security configuration

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
WafConfig	WafConfig	No	Managed rule. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
RateLimitConfig	RateLimitConfig	No	Rate limiting. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
AclConfig	AclConfig	No	Custom rule. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
BotConfig	BotConfig	No	Bot configuration. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
SwitchConfig	SwitchConfig	No	Switch setting of the 7-layer protection. If the parameter is null or not filled, the configuration last set will be used

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			by default.Note: This field may return null, indicating that no valid value can be obtained.
IpTableConfig	IpTableConfig	No	Basic access control. If the parameter is null or not filled, the configuration last set will be used by default. Note: This field may return null, indicating that no valid value can be obtained.
ExceptConfig	ExceptConfig	No	Exception rule configuration. If the parameter is null or not filled, the configuration last set will be used by default.Note: This field may return null, indicating that no valid value can be obtained.
DropPageConfig	DropPageConfig	No	Custom block page settings. If the parameter is null or not filled, the configuration last set will be used by default.Note: This field may return null, indicating that no valid value can be obtained.
TemplateConfig	TemplateConfig	No	Security template settings Note: This field may return `null` , indicating that no valid value can be obtained.
SlowPostConfig	SlowPostConfig	No	Settings for slow attack defense. If the parameter is null or not filled, the configuration last set will be used by default.Note: This field may return null, indicating that no valid value can be obtained.

SecurityTemplateBinding

Bindings of a security policy template

Used by actions: DescribeSecurityTemplateBindings.

Name	Type	Description
TemplateId	String	template ID
TemplateScope	Array of TemplateScope	Binding status of the template.

SecurityType

The security type setting item.

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Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the security type setting. Values: • `on` : Enable • `off` : Disable

ServerCertInfo

HTTPS server certificate configuration

Used by actions: DescribeHostsSetting, ModifyHostsCertificate, ModifyZoneSetting.

Name	Type	Required	Description
CertId	String	Yes	ID of the server certificate. Note: This field may return null, indicating that no valid values can be obtained.
Alias	String	No	Alias of the certificate. Note: This field may return null, indicating that no valid values can be obtained.
Type	String	No	Type of the certificate. Values: u200c • `default` : Default certificate u200c • `upload` : Custom certificate u200c • `managed` : Tencent Cloud-managed certificate Note: This field may return·null, indicating that no valid values can be obtained.
ExpireTime	Timestamp ISO8601	No	Time when the certificate expires. Note: This field may return null, indicating that no valid values can be obtained.
DeployTime	Timestamp ISO8601	No	Time when the certificate is deployed. Note: This field may return null, indicating that no valid values can be obtained.

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SignAlgo	String	No	Signature algorithm. Note: This field may return null, indicating that no valid values can be obtained.
CommonName	String	No	Domain name of the certificate. Note: This field may return `null` , indicating that no valid value can be obtained.

SkipCondition

Exception rule conditions, used to filter requests by specific fields

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Type	String	Yes	The field type. Values: • `header_fields` : HTTP request header • `cookie` : HTTP request cookie • `query_string` : Query string in the HTTP request URL • `uri` : HTTP request URI • `body_raw` : HTTP request body • `body_json` : JSON HTTP request body
Selector	String	Yes	The specific field. Values: • `args` : Query parameter in the URI, such as "?name1=jack&age=12" • `path` : Partial path in the URI, such as "/path/to/resource.jpg" • `full` : Full path in the URI, such as "example.com/path/to/resource.jpg?name1=jack&age=12" • `upload_filename` : File path segment • `keys` : All keys • `values` : Values of all keys • `key_value` : Key and its value
MatchFromType	String	No	The match method used to match the key. Values: • `equal` : Exact match • `wildcard` : Wildcard match (only asterisks)
MatchFrom	Array of String	No	The value that matches the key. Note: This field may return `null` , indicating that no valid value can be obtained.

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MatchContentType	String	No	The match method used to match the content. • `equal` : Exact match • `wildcard` : Wildcard match (only asterisks)
MatchContent	Array of String	No	The value that matches the content. Note: This field may return `null` , indicating that no valid value can be obtained.

SlowPostConfig

Slow attack defense configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Values: • `on` : Enable • `off` : Disable
FirstPartConfig	FirstPartConfig	No	Detect slow attacks by the transfer period of the first 8 KB of requests Note: This field may return `null` , indicating that no valid value can be obtained.
SlowRateConfig	SlowRateConfig	No	Detect slow attacks by the data rate of the main body (excluding the first 8 KB) of requests Note: This field may return `null` , indicating that no valid value can be obtained.
Action	String	No	The action to taken when a slow attack is detected. Values: • `monitor` : Observe • `drop` : Block the request Note: This field may return `null` , indicating that no valid value can be obtained.
RuleId	Integer	No	ID of the rule Note: This field may return `null` , indicating that no valid value can be obtained.

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SlowRateConfig

The configuration to detect slow attacks

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Switch. Values: • `on` : Enable • `off` : Disable
Interval	Integer	No	The sampling interval in seconds. In this way, the first 8 KB of the request is ignored. The rest of data is separated in to multiple parts according to this interval for slow attack measurement. Note: This field may return `null` , indicating that no valid value can be obtained.
Threshold	Integer	No	The transfer rate threshold in bps. When the transfer rate of a sample is lower than the threshold, it's considered a slow attack and handled according to the specified `Action` . Note: This field may return `null` , indicating that no valid value can be obtained.

SmartRouting

Smart acceleration configuration

Used by actions: DescribeHostsSetting, DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable smart acceleration. Values: • `on` : Enable • `off` : Disable

StandardDebug

Standard debugging

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable standard debugging. Values: • `on` : Enable • `off` : Disable
AllowClientIPList	Array of String	Yes	The client IP to allow. It can be an IPv4/IPv6 address or a CIDR block. If not specified, it means to allow any client IP
ExpireTime	Timestamp ISO8601	Yes	The time when the standard debugging setting expires. If it is exceeded, this feature becomes invalid.

SubRule

Nested rule settings

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Conditions	Array of RuleAndConditions	Yes	The condition that determines if a feature should run. Note: If any condition in the array is met, the feature will run.
Actions	Array of Action	Yes	The feature to be executed.

SubRuleItem

Rule engine nested rule

Used by actions: CreateRule, DescribeRules, ModifyRule.

Name	Type	Required	Description
Rules	Array of SubRule	Yes	Nested rule settings
Tags	Array of String	No	Tag of the rule.

Sv

Pricing query parameter

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Used by actions: DescribeZones.

Name	Type	Required	Description
Key	String	Yes	The parameter key.
Value	String	Yes	The parameter value.
Pack	String	No	Quota for a resource. Values: • `zone` : Quota for sites • `custom-rule` : Quota for custom rules • `rate-limiting-rule` : Quota for rate limiting rules • `l4-proxy-instance` : Quota for L4 proxy instances Note: This field may return null, indicating that no valid values can be obtained.
InstanceId	String	No	ID of the L4 proxy instance. Note: This field may return null, indicating that no valid values can be obtained.
ProtectionSpecs	String	No	The protection specification. Values: • `cm_30G` : 30 Gbps base protection bandwidth in **Chinese mainland** service area • `cm_60G` : 60 Gbps base protection bandwidth in **Chinese mainland** service area • `cm_100G` : 100 Gbps base protection bandwidth in **Chinese mainland** service area • `anycast_300G` : 300 Gbps Anycast-based protection in **Global (MLC)** service area • `anycast_unlimited` : Unlimited Anycast-based protection bandwidth in **Global (MLC)** service area • `cm_30G_anycast_300G` : 30 Gbps base protection bandwidth in **Chinese mainland** service area and 300 Gbps Anycast-based protection bandwidth in **Global (MLC)** service area • `cm_30G_anycast_unlimited` : 30 Gbps base protection bandwidth in **Chinese mainland** service area and unlimited Anycast-based protection bandwidth in **Global (MLC)** service area • cm_60G_anycast_300G `: 60 Gbps base protection bandwidth in **Chinese mainland** service area and 300 Gbps Anycast-based protection bandwidth in **Global (MLC)** service area</li><li>` `cm_60G_anycast_unlimited` : 60 Gbps base protection

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			bandwidth in **Chinese mainland** service area and unlimited Anycast-based protection bandwidth in **Global (MLC)** service area • `cm_100G_anycast_300G` : 100 Gbps base protection bandwidth in **Chinese mainland** service area and 300 Gbps Anycast-based protection bandwidth in **Global (MLC)** service area • cm_100G_anycast_unlimited`: 100 Gbps base protection bandwidth in **Chinese mainland** service area and unlimited Anycast-based protection bandwidth in **Global (MLC)** service area Note: This field may return null, indicating that no valid values can be obtained.

SwitchConfig

Web security configuration switch

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
WebSwitch	String	Yes	Whether to enable web protection. Values: • `on` : Enable • `off` : Disable It does not affect DDoS and bot configuration.

Tag

Tag configuration

Used by actions: CreateZone, DescribeZones.

Name	Type	Required	Description
TagKey	String	Yes	The tag key. Note: This field may return null, indicating that no valid values can be obtained.
TagValue	String	Yes	The tag value. Note: This field may return null, indicating that no valid values can be obtained.

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Task

Content management task result

Used by actions: DescribePrefetchTasks, DescribePurgeTasks.

Name	Type	Description
JobId	String	ID of the task.
Target	String	Resource.
Type	String	Type of the task.
Method	String	Node cache purge method, with values: • invalidate: Marks as expired. A back-to-origin validation is triggered upon user request, sending an HTTP conditional request with If-None-Match and If-Modified-Since headers. If the origin server responds with 200, the node will fetch new resources from the origin and update the cache; if the origin server responds with 304, the cache will not be updated; • delete: Directly deletes the node's cache, triggering a resource fetch from the origin upon user request. Note: This field may return null, which indicates a failure to obtain a valid value.
Status	String	Status. Valid values: • processing: Processing; • success: Succeeded; • failed: Failed; • timeout: Timed out.
CreateTime	Timestamp ISO8601	Creation time of the task.
UpdateTime	Timestamp ISO8601	Completion time of the task.

TemplateConfig

Security template settings

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description

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TemplateId	String	Yes	The template ID.
TemplateName	String	Yes	The template name.

TemplateScope

Domain names bound with the template.

Used by actions: DescribeSecurityTemplateBindings.

Name	Type	Required	Description
ZoneId	String	No	ID of the site. Note: This field may return·null, indicating that no valid values can be obtained.
EntityStatus	Array of EntityStatus	No	List of instance statuses Note: This field may return·null, indicating that no valid values can be obtained.

TimingDataItem

Data items of the statistical curve

Used by actions: DescribeDDoSAttackData, DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData.

Name	Type	Description
Timestamp	Integer	The query time recorded in seconds using UNIX timestamp.
Value	Integer	The value.

TimingDataRecord

The time-series data

Used by actions: DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData.

Name	Type	Description

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TypeKey	String	The query dimension value.
TypeValue	Array of TimingTypeValue	Detailed time series data

TimingTypeValue

Detailed data of time series type

Used by actions: DescribeOverviewL7Data, DescribeTimingL4Data, DescribeTimingL7AnalysisData, DescribeTimingL7CacheData.

Name	Type	Description
Sum	Integer	Sum.
Max	Integer	The maximum value.
Avg	Integer	The average value.
MetricName	String	Metric name.
Detail	Array of TimingDataItem	Details. Note: This field may return null, indicating that no valid values can be obtained.

TopDataRecord

The top-ranked data record

Used by actions: DescribeTopL7AnalysisData, DescribeTopL7CacheData.

Name	Type	Description
TypeKey	String	The query dimension value.
DetailData	Array of TopDetailData	Top data rankings

TopDetailData

The top-ranked data details

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Used by actions: DescribeTopL7AnalysisData, DescribeTopL7CacheData.

Name	Type	Description
Key	String	The field name.
Value	Integer	The field value.

TopEntry

The Top-ranked data

Used by actions: DescribeDDoSAttackTopData.

Name	Type	Description
Key	String	The query dimension value.
Value	Array of TopEntryValue	The details.

TopEntryValue

The top-ranked data

Used by actions: DescribeDDoSAttackTopData.

Name	Type	Description
Name	String	The item name.
Count	Integer	The number of items.

UpstreamHttp2

HTTP2 origin-pull configuration

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable HTTP2 origin-pull. Valid values:

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			• `on` : Enable; • `off` : Disable.

VanityNameServers

Custom name servers

Used by actions: DescribeZones, ModifyZone.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable custom name servers. Values: • `on` : Enable • `off` : Disable
Servers	Array of String	No	List of custom name servers

VanityNameServersIps

IP information of the custom name server

Used by actions: DescribeZones.

Name	Type	Description
Name	String	Custom name of the name server
IPv4	String	IPv4 address of the custom name server

Waf

N/A

Used by actions: DescribeHostsSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WAF. Values: • `on` : Enable • `off` : Disable

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PolicyId	Integer	No	ID of the policy

WafConfig

WAF configuration.

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WAF configuration. Values: • `on` : Enable • `off` : Disable The configuration can be modified even when it is disabled.
Level	String	Yes	The protection level. Values: • `loose` : Loose • `normal` : Moderate • `strict` : Strict • `stricter` : Super strict • `custom` : Custom
Mode	String	Yes	The WAF global mode. Values: • `block` : Block globally • `observe` : Observe globally
WafRule	WafRule	No	The settings of the managed rule. If it is null, the settings that were last configured will be used.
AiRule	AiRule	No	The setting of the AI rule engine. If it is null, the setting that was last configured will be used.

WafRule

WAF rule

Used by actions: ModifySecurityPolicy.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable managed rules. Values: • `on` : Enable • `off` : Disable

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BlockRuleIDs	Array of Integer	Yes	IDs of the rules to be disabled.
ObserveRuleIDs	Array of Integer	Yes	IDs of the rules to be executed in Observe mode.

WebSocket

WebSocket configuration

Used by actions: DescribeZoneSetting, ModifyZoneSetting.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WebSocket connection timeout. Values: • `on` : The field "Timeout" can be configured. • `off` : The field "Timeout" is fixed to 15 seconds.
Timeout	Integer	No	The timeout period in seconds. Maximum value: 120.

Zone

Site information

Used by actions: DescribeZones.

Name	Type	Description
ZoneId	String	Site ID.
ZoneName	String	The site name.
OriginalNameServers	Array of String	List of name servers used by the site
NameServers	Array of String	The list of name servers assigned by Tencent Cloud.
Status	String	The site status. Values: u200c • `active` : The name server is switched to EdgeOne. u200c • `pending` : The name server is not switched. u200c

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		• `moved` : The name server is changed to other service providers. u200c • `deactivated` : The site is blocked. • `initializing` : The site is not bound with any plan.
Type	String	Site connection method, valid values: • full: Connect via NS; • partial: Connect via CNAME; • noDomainAccess: Connect without using a domain name; • vodeo: Connect by default when VODEO is enabled.
Paused	Boolean	Whether the site is disabled.
CnameSpeedUp	String	Whether CNAME acceleration is enabled. Values: • `enabled` : Enabled • `disabled` : Disabled
CnameStatus	String	CNAME record access status. Values: • `finished` : The site is verified. • `pending` : The site is being verified.
Tags	Array of Tag	The list of resource tags.
Resources	Array of Resource	The list of billable resources.
CreatedOn	Timestamp ISO8601	The creation time of the site.
ModifiedOn	Timestamp ISO8601	The modification date of the site.
Area	String	The site access region. Values: • `global` : Global. • `mainland` : Chinese mainland. • `overseas` : Outside the Chinese mainland.
VanityNameServers	VanityNameServers	The custom name server information. Note: This field may return null, indicating that no valid values can be obtained.
VanityNameServersIps	Array of VanityNameServersIps	The custom name server IP information. Note: This field may return null, indicating that no valid values can be obtained.
ActiveStatus	String	Status of the proxy. Values:

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		• `active` : Enabled • `inactive` : Not activated • `paused` : Disabled
AliasZoneName	String	The site alias. It can be up to 20 characters consisting of digits, letters, hyphens (-) and underscores (_). Note: This field may return null, indicating that no valid values can be obtained.
IsFake	Integer	Whether it's a fake site. Valid values: • `0` : Non-fake site; • `1` : Fake site.
LockStatus	String	Lock status. Values: • `enable` : Normal. Modification is allowed. • `disable` : Locked. Modification is not allowed. • `plan_migrate` : Adjusting the plan. Modification is not allowed.
OwnershipVerification	OwnershipVerification	Ownership verification information Note: This field may return·null, indicating that no valid values can be obtained.

ZoneSetting

The site configuration.

Used by actions: DescribeZoneSetting.

Name	Type	Description
ZoneName	String	Name of the site
Area	String	Site acceleration region. Values: • `mainland` : Acceleration in the Chinese mainland. • `overseas` : Acceleration outside the Chinese mainland.
CacheKey	CacheKey	Node cache key configuration Note: This field may return null, indicating that no valid values can be obtained.
Quic	Quic	The QUIC access configuration. Note: This field may return null, indicating that no valid values can be obtained.

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PostMaxSize	PostMaxSize	The POST transport configuration. Note: This field may return null, indicating that no valid values can be obtained.
Compression	Compression	Smart compression configuration. Note: This field may return null, indicating that no valid values can be obtained.
UpstreamHttp2	UpstreamHttp2	HTTP2 origin-pull configuration Note: This field may return null, indicating that no valid values can be obtained.
ForceRedirect	ForceRedirect	Force HTTPS redirect configuration Note: This field may return null, indicating that no valid values can be obtained.
CacheConfig	CacheConfig	Cache expiration time configuration Note: This field may return null, indicating that no valid values can be obtained.
Origin	Origin	Origin server configuration. Note: This field may return null, indicating that no valid values can be obtained.
SmartRouting	SmartRouting	Smart acceleration configuration Note: This field may return null, indicating that no valid values can be obtained.
MaxAge	MaxAge	Browser cache configuration Note: This field may return null, indicating that no valid values can be obtained.
OfflineCache	OfflineCache	The offline cache configuration. Note: This field may return null, indicating that no valid values can be obtained.
WebSocket	WebSocket	WebSocket configuration. Note: This field may return null, indicating that no valid values can be obtained.
ClientIpHeader	ClientIpHeader	Origin-pull client IP header configuration Note: This field may return null, indicating that no valid values can be obtained.
CachePrefresh	CachePrefresh	Cache prefresh configuration Note: This field may return null, indicating that no valid values can be obtained.

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Ipv6	Ipv6	IPv6 access configuration Note: This field may return null, indicating that no valid values can be obtained.
Https	Https	HTTPS acceleration configuration Note: This field may return null, indicating that no valid values can be obtained.
ClientIpCountry	ClientIpCountry	Whether to carry the location information of the client IP during origin-pull. Note: This field may return `null` , indicating that no valid value can be obtained.
Grpc	Grpc	Configuration of gRPC support Note: This field may return `null` , indicating that no valid value can be obtained.
ImageOptimize	ImageOptimize	Image optimization configuration. Note: This field may return `null` , indicating that no valid value was found.
AccelerateMainland	AccelerateMainland	Cross-MLC-border acceleration. Note: This field may return `null` , indicating that no valid values can be obtained.
StandardDebug	StandardDebug	Standard debugging configuration. Note: This field may return null, indicating that no valid values can be obtained.

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Error Codes

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Feature Description

If there is an Error field in the response, it means that the API call failed. For example:

```
{
"Response": {
"Error": {
"Code": "AuthFailure.SignatureFailure",
"Message": "The provided credentials could not be validated. Please check your si
gnature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

Code in Error indicates the error code, and Message indicates the specific information of the error.

Error Code List

Common Error Codes

Error Code	Description
ActionOffline	This API has been deprecated.
AuthFailure.InvalidAuthorization	`Authorization` in the request header is invalid.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	Key does not exist. Check if the key has been deleted or disabled in the console, and if not, check if the key is correctly entered. Note that whitespaces should not exist before or after the key.
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes. Please

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	ensure your current local time matches the standard time.
AuthFailure.SignatureFailure	Invalid signature. Signature calculation error. Please ensure you've followed the signature calculation process described in the Signature API documentation.
AuthFailure.TokenFailure	Token error.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidAction	The API does not exist.
InvalidParameter	Incorrect parameter.
InvalidParameterValue	Invalid parameter value.
InvalidRequest	The multipart format of the request body is incorrect.
IpInBlacklist	Your IP is in uin IP blacklist.
IpNotInWhitelist	Your IP is not in uin IP whitelist.
LimitExceeded	Quota limit exceeded.
MissingParameter	A parameter is missing.
NoSuchProduct	The product does not exist.
NoSuchVersion	The API version does not exist.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
RequestLimitExceeded.GlobalRegionUinLimitExceeded	Uin exceeds the frequency limit.
RequestLimitExceeded.IPLimitExceeded	The number of ip requests exceeds the frequency limit.
RequestLimitExceeded.UinLimitExceeded	The number of uin requests exceeds the frequency

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	limit.
RequestSizeLimitExceeded	The request size exceeds the upper limit.
ResourceInUse	Resource is in use.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource does not exist.
ResourceUnavailable	Resource is unavailable.
ResponseSizeLimitExceeded	The response size exceeds the upper limit.
ServiceUnavailable	Service is unavailable now.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.
UnsupportedProtocol	HTTP(S) request protocol error; only GET and POST requests are supported.
UnsupportedRegion	API does not support the requested region.

Service Error Codes

Error Code	Description
FailedOperation.CertificateHasExpired	Failed to publ The certificate expired.
FailedOperation.CertificateNotFound	The certificate not exist.
FailedOperation.ConfigConditionSyntaxError	Syntax error i condition expr of the configu file.
FailedOperation.ConfigConditionUnknownTarget	Unrecognizec condition mat type.
FailedOperation.ConfigConditionValueEmptyError	The value fiel

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	condition expr cannot be em the configurat
FailedOperation.ConfigFieldTypeError	The configura contains fields inconsistent d types.
FailedOperation.ConfigFormatError	Syntax error i configuration
FailedOperation.ConfigMalformedContent	Incorrect form the configurat Parsing failed
FailedOperation.ConfigParamValidateErrors	Parameter verification er the configurat
FailedOperation.ConfigUnknownField	The specified the configurat is not recogni indicating a p spelling error incorrect plac within the file structure.
FailedOperation.ConfigUnsupportedFormatVersion	The current configuration version is not supported.
FailedOperation.CreateClsLogSetFailed	Failed to crea log set. Check whether the lo name already
FailedOperation.CreateClsLogTopicTaskFailed	Failed to crea log topic task. whether the lo name or task already exists
FailedOperation.CreateLogTopicTaskAuthFailure	Authenticatior while creating

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	custom push t Check whethe push address correct.
FailedOperation.InsufficientAccountBalance	The account balance is insufficient.
FailedOperation.InvalidZoneStatus	The site statu invalid.
FailedOperation.MissingConfigChunk	The content is missing a mar configuration
FailedOperation.ModifyFailed	Operation fail
FailedOperation.RealtimeLogAuthFailure	The real-time authenticatior
FailedOperation.RealtimeLogNotFound	The real-time push task doe exist.
FailedOperation.UnknownConfigGroupType	Unknown configuration type.
InternalError.BackendError	Server error.
InternalError.ConfigLocked	The configura locked. Pleas unlock and try
InternalError.DBError	Database erro
InternalError.DomainConfig	Failed to get configuration
InternalError.FailedToGenerateUrl	Failed to gene an upload link
InternalError.GetRoleError	Failed to get t
InternalError.ProxyServer	An unknown e occurred in th backend serv

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InternalError.QuotaSystem	Server error.
InternalError.RouteError	The backend address is inc
InternalError.SystemError	Internal syste error.
InternalError.UnknowError	Unknown erro
InvalidParameter.AccessRedirectRegexError	The regex is r the standard I format.
InvalidParameter.ActionInProgress	Too many atte Please try aga later.
InvalidParameter.AliasDomainNotSupportSMCert	Chinese SM certificates ar supported for domain name
InvalidParameter.CacheKeyQueryStringRequiresFullUrlCacheOff	Invalid query s
InvalidParameter.CacheKeyQueryStringTooManyValue	The query stri too many valu
InvalidParameter.CertNotMatchDomain	Mismatch bet the HTTPS certificate and domain name
InvalidParameter.CertSystemError	Internal error.
InvalidParameter.CertToExpire	The HTTPS certificate is a expire.
InvalidParameter.CertTooShortKeySize	Certificate err
InvalidParameter.ClientIpCountryConflictsWithIpv6	IPv6 access conflicts with IP geographic location.
InvalidParameter.CnameWildHostNotAllowApplyCertificate	Unable to app wildcard certi

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	under CNAMI mode.
InvalidParameter.CompressionInvalidAlgorithms	Invalid compr algorithm.
InvalidParameter.ConflictHostOrigin	The origin car the same as tl domain name
InvalidParameter.DomainNotFound	The domain n does not exist not belong to account.
InvalidParameter.DomainOnTrafficScheduling	Traffic schedu already enabl the current do name.
InvalidParameter.DuplicateRule	Duplicate rule
InvalidParameter.ErrActionUnsupportTarget	The current conditions do support the requested ope
InvalidParameter.ErrInvalidAction	Invalid operat
InvalidParameter.ErrInvalidActionDuplicateAction	Invalid operat Duplicate ope configuration.
InvalidParameter.ErrInvalidActionOriginPrivateAddress	Invalid rule er operation. The server IP cani a private netw or loopback address.
InvalidParameter.ErrInvalidActionParam	Invalid operat Invalid param
InvalidParameter.ErrInvalidActionParamAction	Invalid param "action".
InvalidParameter.ErrInvalidActionParamBadValueType	Invalid value t the parameter

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	"action".
InvalidParameter.ErrInvalidActionParamDuplicateName	Invalid param Duplicate par names.
InvalidParameter.ErrInvalidActionParamName	Invalid value t the parameter "action".
InvalidParameter.ErrInvalidActionParamTooManyValues	Invalid param The paramete too many valu
InvalidParameter.ErrInvalidActionParamValue	Invalid action.
InvalidParameter.ErrInvalidActionType	Invalid action
InvalidParameter.ErrInvalidCondition	Invalid conditi
InvalidParameter.ErrInvalidConditionCannotOnlyContainHostWhenModifyOriginActionConfigured	The operation modifying the server cannot only to configu host matching
InvalidParameter.ErrInvalidConditionHostTooManyWhenModifyOriginActionConfigured	You can only configure one matching type modifying the
InvalidParameter.ErrInvalidConditionIgnoreCase	Invalid conditi The letter cas ignored.
InvalidParameter.ErrInvalidConditionNameBadName	Invalid conditi Invalid param name.
InvalidParameter.ErrInvalidConditionNameTargetNotSupportName	Invalid conditi The match typ not supported parameter.
InvalidParameter.ErrInvalidConditionValueBadRegular	Invalid conditi Invalid regula expression fo parameter val

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InvalidParameter.ErrInvalidConditionValueBadUrl	Invalid param value "url".
InvalidParameter.ErrInvalidConditionValueBadValue	Invalid conditi The paramete is invalid.
InvalidParameter.ErrInvalidConditionValueBadValueContainFileNameExtension	Invalid param value: File ext is not allowed
InvalidParameter.ErrInvalidConditionValueTooLongValue	Invalid conditi The paramete exceeds the li
InvalidParameter.ErrInvalidConditionValueTooManyRegular	The condition too many regu expressions.
InvalidParameter.ErrInvalidConditionValueTooManyValues	Invalid conditi The paramete exceeds the li
InvalidParameter.ErrInvalidConditionValueTooManyWildcard	Invalid conditi Too many wil in the parame
InvalidParameter.ErrInvalidConditionValueZeroLength	Invalid conditi The paramete is 0.
InvalidParameter.ErrInvalidElseWhenModifyOriginActionConfigured	ELSE is not supported for server modific
InvalidParameter.ErrNilCondition	Empty conditi
InvalidParameter.GrpcRequireHttp2	To enable gR support, HTT support must enabled as w
InvalidParameter.HostHeaderInvalid	Host header e
InvalidParameter.HostNotFound	The domain n does not exist

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InvalidParameter.HostStatusNotAllowApplyCertificate	CNAME is no switched or th origin is not rc the EdgeOne
InvalidParameter.InvalidAccelerateType	Parameter err
InvalidParameter.InvalidAuthentication	Invalid token authenticatior
InvalidParameter.InvalidAuthenticationTypeExpireTime	Invalid token authenticatior expiration tim
InvalidParameter.InvalidAuthenticationTypeSecretKey	Invalid key for authenticatior
InvalidParameter.InvalidAuthenticationTypeSignParam	Invalid token authenticatior parameter.
InvalidParameter.InvalidAuthenticationTypeTimeFormat	Invalid authenticatior format.
InvalidParameter.InvalidAuthenticationTypeTimeParam	Invalid authenticatior parameter.
InvalidParameter.InvalidAutoUseVoucher	The format of automatically vouchers is incorrect. Ente correct format
InvalidParameter.InvalidAwsPrivateAccess	Invalid third-p object storage
InvalidParameter.InvalidAwsRegion	Invalid region Please fill in a correct region third-party obj storage servic
InvalidParameter.InvalidAwsSecretKey	Invalid third-p object storage
InvalidParameter.InvalidBackupServerName	Invalid secon

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	origin domain
InvalidParameter.InvalidCacheConfigCache	Invalid node c
InvalidParameter.InvalidCacheConfigFollowOrigin	Invalid node c The origin bel is followed.
InvalidParameter.InvalidCacheKey	Invalid cache
InvalidParameter.InvalidCacheKeyCookie	Invalid cache cookie.
InvalidParameter.InvalidCacheKeyIgnoreCase	Cases are ign the cache key
InvalidParameter.InvalidCacheKeyQueryStringAction	Invalid query s
InvalidParameter.InvalidCacheKeyQueryStringValue	Invalid query s
InvalidParameter.InvalidCacheKeyScheme	Invalid cache scheme.
InvalidParameter.InvalidCacheOnlyOnSwitch	Invalid node c
InvalidParameter.InvalidCacheTime	Invalid node c validity.
InvalidParameter.InvalidCertInfo	Incorrect certi information.
InvalidParameter.InvalidClientIpCountryHeaderName	Invalid client I location configuration. HeaderName consists of 1- alphanumeric characters an cannot start o with hyphens
InvalidParameter.InvalidClientIpHeaderName	Invalid client I request heade
InvalidParameter.InvalidClientIpOrigin	Invalid origin f region-specifi origin-pull.

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InvalidParameter.InvalidConditions	Invalid conditi
InvalidParameter.InvalidCosDomain	Invalid origin-configuration. `OriginTyp` `COS` or `AWS_S3` , th origin address be an object s domain name
InvalidParameter.InvalidDynamicRoutine	Invalid smart acceleration.
InvalidParameter.InvalidDynamicRoutineBilling	The package not support S Acceleration.
InvalidParameter.InvalidErrorPage	Invalid custon page.
InvalidParameter.InvalidErrorPageRedirectUrl	Invalid custon page.
InvalidParameter.InvalidForceRedirectType	Invalid forced HTTPS direct settings
InvalidParameter.InvalidHttps	Invalid param "https".
InvalidParameter.InvalidHttpsCertInfo	Invalid HTTP certificate.
InvalidParameter.InvalidHttpsCipherSuiteAndTlsVersion	The cipher su does not mat TLS version.
InvalidParameter.InvalidHttpsHstsMaxAge	Invalid HTTP HSTS.
InvalidParameter.InvalidHttpsTlsVersion	Invalid HTTP version.
InvalidParameter.InvalidInterval	Invalid interva value should

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	either [min 5m hour day].
InvalidParameter.InvalidIpv6Switch	Invalid IPv6 s
InvalidParameter.InvalidLogFormatFieldDelimiter	The field sepa in the log outp format is inco
InvalidParameter.InvalidLogFormatFormatType	The log outpu format type is incorrect.
InvalidParameter.InvalidLogFormatRecordDelimiter	The log recor separator in th output format incorrect.
InvalidParameter.InvalidMaxAgeFollowOrigin	Invalid browse cache.
InvalidParameter.InvalidMaxAgeTime	Invalid browse cache.
InvalidParameter.InvalidMetric	The query dimension is i
InvalidParameter.InvalidOrigin	Invalid origin s
InvalidParameter.InvalidOriginGroupType	The origin ser group type is incorrect.
InvalidParameter.InvalidOriginIp	The origin car a private IP or loopback add
InvalidParameter.InvalidOriginType	Incorrect origi server type.
InvalidParameter.InvalidOriginValue	The origin ser incorrect or inexistent.
InvalidParameter.InvalidParameter	Invalid param
InvalidParameter.InvalidPeriod	The plan cycle format is inco

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	Enter the corr format.
InvalidParameter.InvalidPlanType	The plan type is incorrect. E the correct for
InvalidParameter.InvalidPostMaxSizeBilling	The speciThe does not supp limiting the ma upload size.
InvalidParameter.InvalidPostSizeValue	Invalid POST request size.
InvalidParameter.InvalidPrivateAccessParams	AccessKeyId SecretAccess are required t access the thi party object s
InvalidParameter.InvalidPrivateAccessSwitch	The value of `PrivateAc` should be `on` `off` .
InvalidParameter.InvalidQuicBilling	The plan does support QUIC
InvalidParameter.InvalidQuotaNumber	The quota qua format is inco Enter the corr format.
InvalidParameter.InvalidQuotaType	The quota typ format is inco Enter the corr quota type for
InvalidParameter.InvalidRangeOriginPull	Invalid Range
InvalidParameter.InvalidRenewFlag	The auto-rene flag format is incorrect. Ente correct format
InvalidParameter.InvalidRequestHeaderName	Invalid reques

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	header.
InvalidParameter.InvalidRequestHeaderNameXff	Invalid reques header x-forw for.
InvalidParameter.InvalidRequestHeaderValue	Invalid reques header.
InvalidParameter.InvalidResourceIdBilling	You have not purchased a p yet.
InvalidParameter.InvalidResponseHeaderName	Invalid respor header.
InvalidParameter.InvalidResponseHeaderValue	Invalid respor header.
InvalidParameter.InvalidRuleEngineAction	Invalid rule er operation.
InvalidParameter.InvalidRuleEngineNotFound	The rule does exist.
InvalidParameter.InvalidRuleEngineTarget	Invalid rule er condition.
InvalidParameter.InvalidRuleEngineTargetsExtension	Invalid file ext in the rule eng condition.
InvalidParameter.InvalidRuleEngineTargetsUrl	Invalid URL ir rule engine condition.
InvalidParameter.InvalidRuleProto	Incorrect prot the rules. (TCP/UDP).
InvalidParameter.InvalidServerName	Invalid origin domain.
InvalidParameter.InvalidStandardDebug	Invalid debug configuration EdgeOne.
InvalidParameter.InvalidStandardDebugClientIp	Invalid client I

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	CIDR block.
InvalidParameter.InvalidStandardDebugEmptyList	The AllowClientIP parameter is mandatory. Tl and IPv6 netw segments are supported. 0.(indicates that IPv4 clients ca debugged, an indicates that IPv6 clients ca debugged.
InvalidParameter.InvalidStandardDebugExpireTimeLimit	The expiratior is exceeded.
InvalidParameter.InvalidUpstreamRequestQueryStringValue	Origin-pull rec configuration Invalid query
InvalidParameter.InvalidUrlRedirect	Invalid URL re
InvalidParameter.InvalidUrlRedirectHost	Invalid target the URL rewri rule.
InvalidParameter.InvalidUrlRedirectUrl	The target UF URL rewrite is invalid.
InvalidParameter.InvalidWebSocketTimeout	Invalid WebS
InvalidParameter.KeyRulesInvalidQueryStringValue	Invalid cache
InvalidParameter.LengthExceedsLimit	Maximum par length exceec
InvalidParameter.LoadBalanceInstanceIdIsRequired	The Cloud Lo Balancer insta is required in operation of modifying the server.

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InvalidParameter.MultiplyLayerNotSupportSmartRouting	Smart routing supported.
InvalidParameter.NotSupportThisPreset	Unsupported variables exis
InvalidParameter.OCDirectOriginRequiresSmartRouting	The domain n configured to forward reque the origin dire iSmart Accele must be enab
InvalidParameter.OriginIsInnerIp	The origin ad cannot be a p IP address.
InvalidParameter.OriginL4RecordIPV4MixDomain	The layer-4 pr strictly prohib mixing IPs an domain name
InvalidParameter.OriginL4RecordMultiDomain	Usage of mult domain origin is forbidden fo layer-4 proxy.
InvalidParameter.OriginNameExists	The origin gro name already
InvalidParameter.OriginOriginGroupIdIsRequired	The origin gro is required.
InvalidParameter.OriginPullProtocolIsRequired	The return pro is required in operation of modifying the server.
InvalidParameter.OriginRecordFormatError	Incorrect origi server format.
InvalidParameter.OriginRecordWeightValue	Weight value 0-100.
InvalidParameter.OriginThirdPartyParamFormatError	The key forma incorrect.

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InvalidParameter.ParameterError	Parameter err Invalid “End ti The interval b the start and e time cannot ex 7 days.
InvalidParameter.PlanNotFound	The plan does exist.
InvalidParameter.PostMaxSizeLimitExceeded	Maximum upl size exceeded
InvalidParameter.ProxyNameDuplicating	The instance already exists
InvalidParameter.ProxyNameNotMatched	Instance nam contain 1 to 5 characters. Th allowed chara are a to z, 0 to and -. - canno registered alo used continuo and cannot be placed at the beginning or t end.
InvalidParameter.RealtimeLogEntityAlreadyCreated	The push inst has been crea
InvalidParameter.RealtimeLogInvalidDeliveryArea	The log push is invalid.
InvalidParameter.RealtimeLogInvalidLogType	The log push invalid.
InvalidParameter.RealtimeLogInvalidTaskType	The real-time delivery type i invalid.
InvalidParameter.RealtimeLogNumsExceedLimit	The real-time push task dat exceeded the
InvalidParameter.ResponseHeaderCacheControlNotAllowDelete	Invalid respor

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	header.
InvalidParameter.RuleOriginFormatError	Incorrect origi server informa format of the r
InvalidParameter.RuleOriginMultiDomain	The origin of t does not supp multiple doma names.
InvalidParameter.RuleOriginPortInteger	The origin por rule must be a integer.
InvalidParameter.RuleOriginValueError	Invalid origin i rule.
InvalidParameter.RulePortDuplicating	The rule port a exists.
InvalidParameter.RulePortGroup	Incorrect port number segm the rules.
InvalidParameter.RulePortInteger	The port numl the rules must integer.
InvalidParameter.Security	Invalid param
InvalidParameter.SettingInvalidParam	Configuration parameter err
InvalidParameter.SpaceNotBindOrigin	Shield Space bound with ar
InvalidParameter.StatusCodeCacheInvalidStatusCode	Invalid status in cache.
InvalidParameter.Target	Resource erro
InvalidParameter.TaskNotGenerated	Failed to crea task
InvalidParameter.TaskSystemError	Internal error.
InvalidParameter.TlsVersionNotInSequence	TLS version is

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	continuous fo HTTPS.
InvalidParameter.TooManyFilterValues	Too many filte values.
InvalidParameter.UploadUrl	Invalid file upl link.
InvalidParameter.ZoneHasBeenBound	The site is alr bound.
InvalidParameter.ZoneHasNotBeenBoundToPlan	The zone is n bound to a pa
InvalidParameter.ZoneIsGrayPublishing	The site is bei upgraded. Ch is not support Please try aga later.
InvalidParameter.ZoneNameIsRequired	To switch a si connecting wi domain name connecting via CNAME, the s name is requi
InvalidParameter.ZoneNotFound	The site does exist.
InvalidParameterValue.AccessBlacklist	The domain n for this zone h been banned.
InvalidParameterValue.ConflictRecord	It conflicts wit existing recor
InvalidParameterValue.ConflictWithDNSSEC	DNS records with DNSSEC
InvalidParameterValue.ConflictWithNSRecord	This DNS rec conflicts with records.
InvalidParameterValue.ContentSameAsName	The host reco cannot be the as the record

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InvalidParameterValue.ContentTypeNotMatch	The page con does not matc Content-Type
InvalidParameterValue.DomainNotMatchZone	The specified domain name not match the
InvalidParameterValue.FormatMismatch	Format misma
InvalidParameterValue.GeneralMismatch	Configuration parameter for mismatch.
InvalidParameterValue.IncludeInvalidValue	Contains inva value.
InvalidParameterValue.InvalidAliasDomainName	The alias dom name is invali must contain numerics, Eng characters, ar hyphens, but is not allowed beginning or t end.
InvalidParameterValue.InvalidAliasNameSuffix	Invalid alias d suffix. This do for internal us and cannot be as the alias do
InvalidParameterValue.InvalidDNSContent	Incorrect DNS record.
InvalidParameterValue.InvalidDNSName	Incorrect DNS record name.
InvalidParameterValue.InvalidDomainName	Invalid accele domain name contain [0-9], [a-z] and [-]. It cannot start o with "-".

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InvalidParameterValue.InvalidDomainStatus	Invalid domai name. Please the status.
InvalidParameterValue.InvalidProxyOrigin	Incorrect DNS
InvalidParameterValue.InvalidTagValue	The tag value contains inval characters.
InvalidParameterValue.MissingNecessaryParam	Missing requi configuration parameters.
InvalidParameterValue.NotAllowedWildcardSharedCNAME	Wildcard dom CNAMEs are supported.
InvalidParameterValue.NotInEnumeration	The value is n within the requ collection.
InvalidParameterValue.NotWithinRange	The value is n within the spe range.
InvalidParameterValue.OriginGroupNotExists	The specified group does no
InvalidParameterValue.PageNameAlreadyExist	The page nan already exists
InvalidParameterValue.RegExMismatch	Does not mat specified regu expression.
InvalidParameterValue.SharedCNAMEPrefixNotMatch	Enter a valid s CNAME prefi to 50 characte
InvalidParameterValue.TopLevelDomainNotSupport	The current d suffix is not supported for access. Pleas contact us if y need to use it
InvalidParameterValue.UnrecognizableValue	Configuration

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	error.
InvalidParameterValue.ZoneNameInvalid	The zone nam format is inco Please input a correctly form domain name
InvalidParameterValue.ZoneNameNotSupportPunyCode	Punycode acc not supported present.
InvalidParameterValue.ZoneNameNotSupportSubDomain	The zone doe support subdo access. Pleas second-level domains for z access.
InvalidParameterValue.ZoneSameAsName	The site alias already exists
LimitExceeded.BatchQuota	Reached the limit of resour number
LimitExceeded.CustomLogFieldRegexLimitExceeded	The number c regular expres type fields in r time log custo fields exceeds limit.
LimitExceeded.DailyQuota	Reached the upper limit of resource num
LimitExceeded.PackNotAllow	Not supported plan.
LimitExceeded.ProxyRulesLimitExceeded	The number c imported has exceeded the
LimitExceeded.QueryTimeLimitExceeded	Query time lin exceeded.

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LimitExceeded.RateLimitExceeded	Reached the rate limit.
LimitExceeded.RuleLimitExceeded	The number c has reached t limit.
LimitExceeded.Security	Limit exceede
LimitExceeded.UserQuotaLimited	User instance quantity limita
LimitExceeded.ZoneBindPlan	Reached the limit of sites o plan
OperationDenied	Operation der
OperationDenied.AccelerateMainlandDisable	Cross-MLC-b acceleration is beta. To join t beta, submit a
OperationDenied.AccelerateMainlandIpv6Conflict	Cross-MLC-b acceleration a IPv6 cannot b configured at same time.
OperationDenied.AccelerateMainlandMultiplyLayerConflict	The existing c feature under current site cc with the Chine mainland netw optimization, a cannot be configured at same time.
OperationDenied.AccelerationDomainStatusNotInOnline	An L7 DNS se referencing th origin group is deployed. Ple edit later.
OperationDenied.ConfigLocked	The configura locked. Pleas

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	unlock and try
OperationDenied.DeleteZonePreCheckFailed	The pre-checl during site de
OperationDenied.DisableZoneNotCompleted	The EdgeOne service of the being disable Please try aga later.
OperationDenied.DomainInShareCnameGroup	Switch failed: are domain na the shared CN group.
OperationDenied.DomainIsBlocked	Unable to use domain name it's blocked.
OperationDenied.DomainNoICP	The domain n doesn't have a filing number.
OperationDenied.DomainNumberIsNotZero	Unable to mo service area: are domain na under the site
OperationDenied.DomainStatusUnstable	Some domain names on the are currently experiencing instability. The stable states f domain name "online" and "o
OperationDenied.EnterprisePlanAutoRenewUnsupported	The Enterpris Edition Plan d not support au renewal.
OperationDenied.EnterprisePlanRenewUnsupported	The Enterpris Edition Plan d not support re

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OperationDenied.EnterprisePlanUpgradeUnsupported	The Enterpris Edition Plan d not support upgrades.
OperationDenied.EnvNotReady	The site environment i ready.
OperationDenied.ErrZoneIsAlreadyPaused	The EdgeOne service of the disabled. Plea enable it and again.
OperationDenied.InvalidAdvancedDefenseSecurityType	The security s must be enab when you ena DDoS Protect
OperationDenied.InvalidAdvancedDefenseZoneArea	The accelerat regions of the must be in the Chinese main when you ena DDoS Protect
OperationDenied.Ipv6AdvancedConflict	Exclusive DD protection cor with IPv6. The cannot be configured at same time.
OperationDenied.Ipv6StaticIpConflict	The IPv6 feat and static IP c be enabled at same time.
OperationDenied.L4LackOfResources	The layer-4 in resource sale skyrocketing a now the resou are sold out. Replenishing progress. Cur new layer-4 p

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	cannot be add Please wait.
OperationDenied.L4PortLackOfResources	The sale of La port resources booming and have been sol We are urgen restocking. At present, it is r possible to ad Layer 4 proxie rules, and we ask for your patience.
OperationDenied.L4ProxyInBannedStatus	Operation fail The L4 proxy blocked.
OperationDenied.L4ProxyInOfflineStatus	The Layer 4 c is closed and addition is disallowed.
OperationDenied.L4ProxyInProcessStatus	The instance currently in deployment a cannot be ope
OperationDenied.L4ProxyInProgressStatus	The EdgeOne service canno disabled for th A L4 proxy ins is being deplo
OperationDenied.L4ProxyInStoppingStatus	Unable to disa the site: There L4 proxy insta disabled.
OperationDenied.L4StatusNotInOnline	Unable to ope the L4 instanc when it's not r
OperationDenied.L7HostInProcessStatus	The EdgeOne service canno

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	disabled for th An accelerate domain name being deploye
OperationDenied.LoadBalanceStatusNotInOnline	The affiliated (Load Balance in a running s Operation is forbidden.
OperationDenied.LoadBalancingZoneIsNotActive	The site statu not support operations on balancers.
OperationDenied.MsgIpv6AdvancedConflict	IPv6 cannot b enabled for no overseas excl protection.
OperationDenied.MultipleCnameZone	Unable to swi NS for multipl using CNAME
OperationDenied.NSNotAllowTrafficStrategy	Domain traffic scheduling is supported in N access mode.
OperationDenied.NoDomainAccessZoneOnlyAllowModifiedToCNAME	You can only a site connect without a dom name to conn via the CNAM
OperationDenied.NoDomainAccessZoneOnlySupportModifyType	You can only a site connect without a dom name to conn via the CNAM Other operati not allowed.
OperationDenied.NotInVersionControlWhiteList	The current u not included i

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	whitelist for ve management.
OperationDenied.OriginGroupAccelerationDomainUsed	Failed to dele acceleration c name is in use
OperationDenied.OriginGroupL4Used	The Layer 4 p in use and ca deleted.
OperationDenied.OriginGroupLBUsed	The Cloud Lo Balancer is in and cannot be deleted.
OperationDenied.OriginGroupRuleEngineUsed	The rule engi use and cann deleted.
OperationDenied.OwnershipVerificationNotPassed	Ownership verification fai Please compl site ownershi verification firs
OperationDenied.PlanDowngradeNotAllowed	A plan downg not supported
OperationDenied.PlanHasBeenExpired	The plan has expired.
OperationDenied.PlanHasBeenIsolated	The plan has isolated.
OperationDenied.PlanIncreasePlanQuotaUnsupported	This plan doe support the purchase of additional pla quotas.
OperationDenied.PlanNotSupportModifyZoneArea	The specified does not supp changing the area of the sit
OperationDenied.PlatTypeIPAccelerateMainlandNotSupport	This site is us

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	Anycast IP scheduling m and does not support Cross border accele
OperationDenied.PleaseContactBusinessPersonnel	To create an Enterprise Ed Plan, contact business pers
OperationDenied.RecordIsForbidden	The DNS rec cannot be ad
OperationDenied.ResourceHasBeenLocked	Billing resour in operation. T again later.
OperationDenied.ResourceLockedTemporary	This operatio conflicts with concurrent operations. T again later.
OperationDenied.SharedCNAMEUnsupportedAccelerateMainland	The domain n bound with a CNAME and be changed t "Cross-MLC- acceleration". Please unbin domain name the shared C first.
OperationDenied.SharedCNAMEUnsupportedIPv6	The domain n bound with a CNAME and be changed t access". Plea unbind the do name from th shared CNA
OperationDenied.StaticIpAreaConflict	The static IP be enabled fo instance's reg

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OperationDenied.VersionControlIsGraying	There is a tes version in use Please releas test version to live environme roll back the t version and tr again.
OperationDenied.VersionControlLocked	The operation allowed becau version management is applied.
OperationDenied.WorkModeNotInVersionControl	The specified working mode applicable to t version management
OperationDenied.ZoneIsBindingSharedCNAME	The shared C has been bou another site. F unbind first.
OperationDenied.ZoneIsReferenceCustomErrorPage	Error found in associated cu error page. Pl unbind it first.
OperationDenied.ZoneNotActive	The zone is disabled.
ResourceInUse.AliasDomain	Resources oc by the alias do names under account.
ResourceInUse.AliasName	The alias dom name already
ResourceInUse.Cname	Resources oc by this accour CNAME.

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ResourceInUse.Dns	DNS resource occupied.
ResourceInUse.DnsRecord	The domain n being resolve you need to e acceleration, go to DNS Re
ResourceInUse.DuplicateName	Duplicate alia domain name
ResourceInUse.GenericHost	Resources oc by the wildcar domain name
ResourceInUse.Host	Resources oc by the subdor names under account.
ResourceInUse.NS	Resources oc by this accour NS.
ResourceInUse.Others	The resource been connect EdgeOne by a user.
ResourceInUse.OthersAliasDomain	Resources oc by the alias do names under accounts.
ResourceInUse.OthersCname	Resources oc by other acco via CNAME.
ResourceInUse.OthersHost	Resources oc by the subdor names under accounts.
ResourceInUse.OthersNS	Resources oc by other acco via NS.

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ResourceInUse.SelfAndOthersCname	Resources oc by this accour others via CN
ResourceInUse.SharedCNAME	Unable to del shared CNAM bound to an acceleration c name. Please remove the bi first.
ResourceInUse.Zone	The alias dom name is alrea added.
ResourceNotFound.PostMaxSizeQuotaNotFound	Maximum upl size is not configured.
ResourceNotFound.VersionNotFound	The configura group version not exist. Plea check and try
ResourceUnavailable.CertNotFound	The certificate not exist or is authorized.
ResourceUnavailable.DomainAlreadyExists	The domain n already conne EdgeOne by a account. Plea retrieve it first order to add it
ResourceUnavailable.DomainNotFound	The requeste accelerated d name doesn't
ResourceUnavailable.FunctionNotFound	The function c not exist or do belong to this account.
ResourceUnavailable.HostNotFound	The domain n does not exist

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	use a proxy.
ResourceUnavailable.SharedCNAMEAlreadyExists	The shared C is used by oth
ResourceUnavailable.ZoneNotFound	The site does exist or is not to this accoun
ResourcesSoldOut.L7LackOfResources	
UnauthorizedOperation.CamUnauthorized	CAM is not authorized.
UnauthorizedOperation.DomainEmpty	Authenticatior
UnauthorizedOperation.NoPermission	The sub-acco not authorizec the operation. Please get permissions fi
UnauthorizedOperation.Unknown	An unknown e occurred in th backend serv
UnsupportedOperation.TargetNameOriginTypeCos	The origin typ the target don cannot be CC an alias doma

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