Content Delivery Network

API Documentation

Product Documentation

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- DescribeDomains

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- UpdatePayType

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API Documentation History

Last updated：2023-12-01 16:39:41

Release 28

Release time: 2023-12-01 16:37:48

Release updates:

Improvement to existing documentation.

New APIs:

- ModifyDomainConfig

Modified APIs:

- DescribePayType
  - New input parameters:Type

New data structures:

- OriginSni

Modified data structures:

- Authentication
  - New members:AuthAlgorithm
- DomainLog
  - New members:FileSize
- Origin
  - New members:Sni

Release 27

Release time: 2023-04-27 15:01:53

Release updates:

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Improvement to existing documentation.

New APIs:

- AddCdnDomain

Modified APIs:

- UpdateDomainConfig
  - New input parameters:OthersPrivateAccess

New data structures:

- OthersPrivateAccess

Modified data structures:

- DetailDomain
  - New members:OthersPrivateAccess

Release 26

Release time: 2023-02-17 10:58:06

Release updates:

Improvement to existing documentation.

Modified APIs:

- UpdateDomainConfig
  - New input parameters:HttpsBilling

New data structures:

- HttpsBilling

Modified data structures:

- DetailDomain
  - New members:HttpsBilling

Release 25

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Release time: 2022-12-14 10:48:05

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeIpStatus
  - New input parameters:ShowIpv6, AbbreviationIpv6

Release 24

Release time: 2022-12-02 16:21:44

Release updates:

Improvement to existing documentation.

New data structures:

- AvifAdapter
- MaxAgeCodeRule

Modified data structures:

- ImageOptimization
  - New members:AvifAdapter
- MaxAge
  - New members:MaxAgeCodeRule

Release 23

Release time: 2022-09-19 10:19:16

Release updates:

Improvement to existing documentation.

Modified APIs:

- PushUrlsCache
  - New input parameters:Headers, UrlEncode

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New data structures:

- HTTPHeader

Modified data structures:

- AdvancedCCRules
  - New members:Switch
- ScdnConfig
  - New members:GlobalAdvancedRules

Release 22

Release time: 2022-08-01 14:27:40

Release updates:

Improvement to existing documentation.

Modified APIs:

- PurgePathCache
  - New input parameters:Area
- UpdateDomainConfig
  - New input parameters:PostMaxSize, HwPrivateAccess, QnPrivateAccess

New data structures:

- CacheConfig
- HeuristicCache
- RedirectConfig
- StatisticItem

Modified data structures:

- AwsPrivateAccess
  - New members:Region, Bucket
- BandwidthAlert
  - New members:StatisticItems
- CacheConfigFollowOrigin
  - New members:HeuristicCache
- FollowRedirect

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  - New members:RedirectConfig
- MainlandConfig
  - New members:HwPrivateAccess, QnPrivateAccess
- OssPrivateAccess
  - New members:Region, Bucket
- OverseaConfig
  - New members:HwPrivateAccess, QnPrivateAccess

Release 21

Release time: 2022-07-01 18:56:29

Release updates:

Improvement to existing documentation.

New APIs:

- AddCLSTopicDomains

Deleted APIs:

- AddCdnDomain

Modified APIs:

- DescribeBillingData
  - New input parameters:TimeZone
- DescribeCdnData
  - New input parameters:TimeZone
- DescribeOriginData
  - New input parameters:TimeZone

Release 20

Release time: 2022-06-14 23:44:20

Release updates:

Improvement to existing documentation.

New APIs:

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- AddCdnDomain
- CreateClsLogTopic
- DeleteCdnDomain
- DeleteClsLogTopic
- DescribeCdnDomainLogs
- DescribeCdnIp
- DescribeCdnOriginIp
- DescribeCertDomains
- DescribeDomains
- DescribeDomainsConfig
- DescribeIpStatus
- DescribeIpVisit
- DescribeMapInfo
- DescribePayType
- DescribePurgeQuota
- DescribePurgeTasks
- DescribePushQuota
- DescribePushTasks
- DescribeReportData
- DescribeUrlViolations
- DisableCaches
- DisableClsLogTopic
- EnableCaches
- EnableClsLogTopic
- GetDisableRecords
- ListClsLogTopics
- ListClsTopicDomains
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- ManageClsTopicDomains
- PurgeUrlsCache
- SearchClsLog
- StartCdnDomain
- StopCdnDomain
- UpdateDomainConfig
- UpdatePayType
- UpdateScdnDomain

New data structures:

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- AccessControl
- AccessControlRule
- AdvanceCacheRule
- AdvanceConfig
- AdvanceHttps
- AdvancedAuthentication
- AdvancedAuthenticationTypeA
- AdvancedAuthenticationTypeB
- AdvancedAuthenticationTypeC
- AdvancedAuthenticationTypeD
- AdvancedAuthenticationTypeE
- AdvancedAuthenticationTypeF
- AdvancedCCRules
- AdvancedCache
- AdvancedScdnAclGroup
- AdvancedScdnAclRule
- Authentication
- AuthenticationTypeA
- AuthenticationTypeB
- AuthenticationTypeC
- AuthenticationTypeD
- AwsPrivateAccess
- BandwidthAlert
- BotCookie
- BotJavaScript
- BriefDomain
- Cache
- CacheConfigCache
- CacheConfigFollowOrigin
- CacheConfigNoCache
- CacheKey
- CacheOptResult
- CacheTagKey
- CappingRule
- CdnIp
- CdnIpHistory
- ClientCert
- ClsLogObject

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- ClsSearchLogs
- Compatibility
- Compression
- CompressionRule
- CookieKey
- DetailDomain
- DomainAreaConfig
- DomainFilter
- DomainLog
- DownstreamCapping
- ErrorPage
- ErrorPageRule
- ExtraLogset
- FollowRedirect
- ForceRedirect
- GuetzliAdapter
- HeaderKey
- Hsts
- HttpHeaderPathRule
- HttpHeaderRule
- Https
- HwPrivateAccess
- ImageOptimization
- IpFilter
- IpFilterPathRule
- IpFreqLimit
- IpStatus
- Ipv6
- Ipv6Access
- KeyRule
- LogSetInfo
- MainlandConfig
- MapInfo
- MaxAge
- MaxAgeRule
- OfflineCache
- Origin
- OriginAuthentication

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- OriginAuthenticationTypeA
- OriginCombine
- OriginIp
- OriginPullOptimization
- OriginPullTimeout
- OssPrivateAccess
- OverseaConfig
- PathBasedOriginRule
- PathRule
- PostSize
- PurgeTask
- PushTask
- QnPrivateAccess
- QueryStringKey
- Quic
- Quota
- RangeOriginPull
- RangeOriginPullRule
- Referer
- RefererRule
- RegionMapRelation
- RemoteAuthentication
- RemoteAuthenticationRule
- ReportData
- RequestHeader
- ResponseHeader
- ResponseHeaderCache
- Revalidate
- RuleCache
- RuleCacheConfig
- RuleEngine
- RuleQueryString
- ScdnAclConfig
- ScdnAclGroup
- ScdnAclRule
- ScdnBotConfig
- ScdnCCRules
- ScdnConfig

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- ScdnDdosConfig
- ScdnErrorPage
- ScdnSevenLayerRules
- ScdnWafConfig
- ScdnWafRule
- SchemeKey
- SecurityConfig
- Seo
- ServerCert
- ShareCname
- SimpleCache
- SimpleCacheRule
- Sort
- SpecificConfig
- StatusCodeCache
- StatusCodeCacheRule
- Tag
- TopData
- TopDetailData
- TopicInfo
- TpgAdapter
- UrlRecord
- UrlRedirect
- UrlRedirectRule
- UserAgentFilter
- UserAgentFilterRule
- VideoSeek
- ViolationUrl
- WafSubRuleStatus
- WebSocket
- WebpAdapter

Release 19

Release time: 2022-04-26 15:44:50

Release updates:

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Improvement to existing documentation.

New APIs:

- DescribeBillingData
- DescribeCdnData
- DescribeOriginData

Modified APIs:

- PushUrlsCache
  - New input parameters:DisableRange

New data structures:

- CdnData
- ResourceBillingData
- ResourceData
- ResourceOriginData
- SummarizedData
- TimestampData

Release 18

Release time: 2022-04-13 16:18:10

Release updates:

Improvement to existing documentation.

Deleted APIs:

- AddCdnDomain
- CreateClsLogTopic
- DeleteCdnDomain
- DeleteClsLogTopic
- DescribeBillingData
- DescribeCdnData
- DescribeCdnDomainLogs
- DescribeCdnIp
- DescribeCdnOriginIp
- DescribeCertDomains

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- DescribeDomains
- DescribeDomainsConfig
- DescribeIpStatus
- DescribeIpVisit
- DescribeMapInfo
- DescribeOriginData
- DescribePayType
- DescribePurgeQuota
- DescribePurgeTasks
- DescribePushQuota
- DescribePushTasks
- DescribeReportData
- DescribeUrlViolations
- DisableCaches
- DisableClsLogTopic
- EnableCaches
- EnableClsLogTopic
- GetDisableRecords
- ListClsLogTopics
- ListClsTopicDomains
- ListTopData
- ManageClsTopicDomains
- PurgeUrlsCache
- SearchClsLog
- StartCdnDomain
- StopCdnDomain
- UpdateDomainConfig
- UpdatePayType
- UpdateScdnDomain

Deleted data structures:

- AccessControl
- AccessControlRule
- AdvanceCacheRule
- AdvanceConfig
- AdvanceHttps
- AdvancedAuthentication

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- AdvancedAuthenticationTypeA
- AdvancedAuthenticationTypeB
- AdvancedAuthenticationTypeC
- AdvancedAuthenticationTypeD
- AdvancedAuthenticationTypeE
- AdvancedAuthenticationTypeF
- AdvancedCCRules
- AdvancedCache
- AdvancedScdnAclGroup
- AdvancedScdnAclRule
- Authentication
- AuthenticationTypeA
- AuthenticationTypeB
- AuthenticationTypeC
- AuthenticationTypeD
- AwsPrivateAccess
- BandwidthAlert
- BotCookie
- BotJavaScript
- BriefDomain
- Cache
- CacheConfigCache
- CacheConfigFollowOrigin
- CacheConfigNoCache
- CacheKey
- CacheOptResult
- CacheTagKey
- CappingRule
- CdnData
- CdnIp
- CdnIpHistory
- ClientCert
- ClsLogObject
- ClsSearchLogs
- Compatibility
- Compression
- CompressionRule
- CookieKey

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- DetailDomain
- DomainAreaConfig
- DomainFilter
- DomainLog
- DownstreamCapping
- ErrorPage
- ErrorPageRule
- ExtraLogset
- FollowRedirect
- ForceRedirect
- GuetzliAdapter
- HeaderKey
- Hsts
- HttpHeaderPathRule
- HttpHeaderRule
- Https
- ImageOptimization
- IpFilter
- IpFilterPathRule
- IpFreqLimit
- IpStatus
- Ipv6
- Ipv6Access
- KeyRule
- LogSetInfo
- MainlandConfig
- MapInfo
- MaxAge
- MaxAgeRule
- OfflineCache
- Origin
- OriginAuthentication
- OriginAuthenticationTypeA
- OriginCombine
- OriginIp
- OriginPullOptimization
- OriginPullTimeout
- OssPrivateAccess

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- OverseaConfig
- PathBasedOriginRule
- PathRule
- PostSize
- PurgeTask
- PushTask
- QueryStringKey
- Quic
- Quota
- RangeOriginPull
- RangeOriginPullRule
- Referer
- RefererRule
- RegionMapRelation
- RemoteAuthentication
- RemoteAuthenticationRule
- ReportData
- RequestHeader
- ResourceBillingData
- ResourceData
- ResourceOriginData
- ResponseHeader
- ResponseHeaderCache
- Revalidate
- RuleCache
- RuleCacheConfig
- RuleEngine
- RuleQueryString
- ScdnAclConfig
- ScdnAclGroup
- ScdnAclRule
- ScdnBotConfig
- ScdnCCRules
- ScdnConfig
- ScdnDdosConfig
- ScdnErrorPage
- ScdnSevenLayerRules
- ScdnWafConfig

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- ScdnWafRule
- SchemeKey
- SecurityConfig
- Seo
- ServerCert
- ShareCname
- SimpleCache
- SimpleCacheRule
- Sort
- SpecificConfig
- StatusCodeCache
- StatusCodeCacheRule
- SummarizedData
- Tag
- TimestampData
- TopData
- TopDetailData
- TopicInfo
- TpgAdapter
- UrlRecord
- UrlRedirect
- UrlRedirectRule
- UserAgentFilter
- UserAgentFilterRule
- VideoSeek
- ViolationUrl
- WafSubRuleStatus
- WebSocket
- WebpAdapter

Release 17

Release time: 2022-03-01 10:41:18

Release updates:

Improvement to existing documentation.

New data structures:

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- RuleEngine

Modified data structures:

- DetailDomain
  - New members:RuleEngine
- ServerCert
  - New members:From

Release 16

Release time: 2022-01-20 09:52:11

Release updates:

Improvement to existing documentation.

Modified data structures:

- MainlandConfig
  - New members:AwsPrivateAccess, OssPrivateAccess
- OverseaConfig
  - New members:AwsPrivateAccess, OssPrivateAccess

Release 15

Release time: 2021-12-28 10:12:53

Release updates:

Improvement to existing documentation.

Modified APIs:

- ListClsLogTopics
  - New output parameters:ExtraLogset

New data structures:

- ExtraLogset

Modified data structures:

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- LogSetInfo
  - New members:Deleted, RegionEn
- TopicInfo
  - New members:Deleted

Release 14

Release time: 2021-12-15 10:47:08

Release updates:

Improvement to existing documentation.

Modified APIs:

- EnableCaches
  - New output parameters:TaskId
- ListTopData
  - New input parameters:Limit
- UpdateDomainConfig
  - New input parameters:RemoteAuthentication, ShareCname

New data structures:

- AdvanceHttps
- AdvancedCCRules
- AdvancedScdnAclGroup
- AdvancedScdnAclRule
- RangeOriginPullRule
- RemoteAuthentication
- RemoteAuthenticationRule
- ScdnSevenLayerRules
- ShareCname

Modified data structures:

- AuthenticationTypeA
  - New members:BackupSecretKey
- AuthenticationTypeB
  - New members:BackupSecretKey
- AuthenticationTypeC

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  - New members:BackupSecretKey
- AuthenticationTypeD
  - New members:BackupSecretKey
- CompressionRule
  - New members:RuleType, RulePaths
  - **Modified members:** FileExtensions
- DetailDomain
  - New members:RemoteAuthentication, ShareCname
- IpFilter
  - New members:ReturnCode
- Origin
  - New members:AdvanceHttps
- RangeOriginPull
  - New members:RangeRules
- ScdnAclConfig
  - New members:AdvancedScriptData
- ScdnConfig
  - New members:AdvancedRules
- UrlRedirectRule
  - New members:FullMatch

Release 13

Release time: 2021-09-29 17:42:03

Release updates:

Improvement to existing documentation.

Modified data structures:

- BandwidthAlert
  - New members:AlertSwitch, AlertPercentage, LastTriggerTimeOverseas, Metric
- PathRule
  - New members:FullMatch

Release 12

Release time: 2021-08-17 15:01:46

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Release updates:

Improvement to existing documentation.

Modified APIs:

- AddCdnDomain
  - New input parameters:AwsPrivateAccess, OssPrivateAccess
- DescribeBillingData
  - New input parameters:Product
- DescribeCdnData
  - New input parameters:Product
- DescribeCertDomains
  - New input parameters:CertId, Product
  - **Modified input parameters:** Cert
- DescribePayType
  - New input parameters:Product
- DisableCaches
  - New output parameters:TaskId
- GetDisableRecords
  - New input parameters:TaskId
  - **Modified input parameters:** StartTime, EndTime
- ListTopData
  - New input parameters:Product
- UpdateDomainConfig
  - New input parameters:OssPrivateAccess, WebSocket

New data structures:

- OssPrivateAccess
- WebSocket

Modified data structures:

- BriefDomain
  - New members:Product
- DetailDomain
  - New members:OssPrivateAccess, WebSocket
- ScdnAclGroup
  - New members:ErrorPage
- TopicInfo

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- New members:Channel

Release 11

Release time: 2021-06-29 17:12:16

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeIpStatus
  - New input parameters:Segment
- EnableCaches
  - New input parameters:Date

Release 10

Release time: 2021-03-19 16:44:03

Release updates:

Improvement to existing documentation.

New APIs:

- CreateScdnFailedLogTask

Modified APIs:

- AddCdnDomain
  - New input parameters:Quic
- UpdateDomainConfig
  - New input parameters:Quic

New data structures:

- PostSize
- Quic
- WafSubRuleStatus

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Modified data structures:

- DetailDomain
  - New members:PostMaxSize, Quic
- ScdnWafConfig
  - New members:Level, SubRuleSwitch

Release 9

Release time: 2021-01-07 19:48:40

Release updates:

Improvement to existing documentation.

Modified APIs:

- AddCdnDomain
  - New input parameters:Ipv6Access, OfflineCache
- PushUrlsCache
  - New input parameters:ParseM3U8
- UpdateDomainConfig
  - New input parameters:Ipv6Access, OfflineCache, OriginCombine

New data structures:

- AdvanceConfig
- Ipv6Access
- OfflineCache
- OriginCombine
- PathBasedOriginRule

Modified data structures:

- DetailDomain
  - New members:Ipv6Access, AdvanceSet, OfflineCache, OriginCombine
- ForceRedirect
  - New members:CarryHeaders
- Origin
  - New members:PathBasedOrigin

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Release 8

Release time: 2020-12-17 16:44:25

Release updates:

Improvement to existing documentation.

New APIs:

- UpdateScdnDomain

New data structures:

- BotCookie
- BotJavaScript
- ScdnAclConfig
- ScdnAclGroup
- ScdnAclRule
- ScdnBotConfig
- ScdnCCRules
- ScdnConfig
- ScdnDdosConfig
- ScdnErrorPage
- ScdnWafConfig
- ScdnWafRule

Modified data structures:

- Https
  - New members:TlsVersion

Release 7

Release time: 2020-12-11 16:09:27

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeCdnOriginIp

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Modified APIs:

- UpdateDomainConfig
  - New input parameters:AdvancedAuthentication, OriginAuthentication

New data structures:

- AdvancedAuthentication
- AdvancedAuthenticationTypeA
- AdvancedAuthenticationTypeB
- AdvancedAuthenticationTypeC
- AdvancedAuthenticationTypeD
- AdvancedAuthenticationTypeE
- AdvancedAuthenticationTypeF
- OriginAuthentication
- OriginAuthenticationTypeA
- OriginIp

Modified data structures:

- DetailDomain
  - New members:AdvancedAuthentication, OriginAuthentication
- MaxAgeRule
  - New members:FollowOrigin
- PathRule
  - **Modified members:** Origin, ServerName, OriginArea
- UrlRedirectRule
  - New members:RedirectHost

Release 6

Release time: 2020-11-27 15:59:53

Release updates:

Improvement to existing documentation.

Modified APIs:

- PurgePathCache
  - New input parameters:UrlEncode

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- PurgeUrlsCache
  - New input parameters:UrlEncode

Release 5

Release time: 2020-10-30 14:52:43

Release updates:

Improvement to existing documentation.

New data structures:

- HttpHeaderRule
- IpFilterPathRule
- PathRule

Modified data structures:

- CdnIp
  - New members:City
- IpFilter
  - New members:FilterRules
- Origin
  - New members:BasePath, PathRules

Release 4

Release time: 2020-10-16 18:37:02

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeIpStatus
  - New input parameters:Area

Modified data structures:

- AuthenticationTypeC

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- New members:TimeFormat

Release 3

Release time: 2020-09-25 11:41:23

Release updates:

Improvement to existing documentation.

Modified APIs:

- AddCdnDomain
  - New input parameters:Tag

New data structures:

- CacheConfigCache
- CacheConfigFollowOrigin
- CacheConfigNoCache
- KeyRule
- RuleCache
- RuleCacheConfig
- RuleQueryString

Modified data structures:

- Cache
  - New members:RuleCache
- CacheKey
  - New members:KeyRules

Release 2

Release time: 2020-09-17 17:26:59

Release updates:

Improvement to existing documentation.

New data structures:

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- Tag

Modified data structures:

- DetailDomain
  - New members:Tag

Existing Release

Release time: 2020-07-30 19:20:06

Existing APIs/data structures are as follows:

Improvement to existing documentation.

Existing APIs:

- AddCdnDomain
- CreateClsLogTopic
- DeleteCdnDomain
- DeleteClsLogTopic
- DescribeBillingData
- DescribeCdnData
- DescribeCdnDomainLogs
- DescribeCdnIp
- DescribeCertDomains
- DescribeDomains
- DescribeDomainsConfig
- DescribeIpStatus
- DescribeIpVisit
- DescribeMapInfo
- DescribeOriginData
- DescribePayType
- DescribePurgeQuota
- DescribePurgeTasks
- DescribePushQuota
- DescribePushTasks
- DescribeReportData
- DescribeUrlViolations
- DisableCaches

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- DisableClsLogTopic
- EnableCaches
- EnableClsLogTopic
- GetDisableRecords
- ListClsLogTopics
- ListClsTopicDomains
- ListTopData
- ManageClsTopicDomains
- PurgePathCache
- PurgeUrlsCache
- PushUrlsCache
- SearchClsLog
- StartCdnDomain
- StopCdnDomain
- UpdateDomainConfig
- UpdatePayType

Existing data structures:

- AccessControl
- AccessControlRule
- AdvanceCacheRule
- AdvancedCache
- Authentication
- AuthenticationTypeA
- AuthenticationTypeB
- AuthenticationTypeC
- AuthenticationTypeD
- AwsPrivateAccess
- BandwidthAlert
- BriefDomain
- Cache
- CacheKey
- CacheOptResult
- CacheTagKey
- CappingRule
- CdnData
- CdnIp

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- CdnIpHistory
- ClientCert
- ClsLogObject
- ClsSearchLogs
- Compatibility
- Compression
- CompressionRule
- CookieKey
- DetailDomain
- DomainAreaConfig
- DomainFilter
- DomainLog
- DownstreamCapping
- ErrorPage
- ErrorPageRule
- FollowRedirect
- ForceRedirect
- GuetzliAdapter
- HeaderKey
- Hsts
- HttpHeaderPathRule
- Https
- ImageOptimization
- IpFilter
- IpFreqLimit
- IpStatus
- Ipv6
- LogSetInfo
- MainlandConfig
- MapInfo
- MaxAge
- MaxAgeRule
- Origin
- OriginPullOptimization
- OriginPullTimeout
- OverseaConfig
- PurgeTask
- PushTask

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- QueryStringKey
- Quota
- RangeOriginPull
- Referer
- RefererRule
- RegionMapRelation
- ReportData
- RequestHeader
- ResourceBillingData
- ResourceData
- ResourceOriginData
- ResponseHeader
- ResponseHeaderCache
- Revalidate
- SchemeKey
- SecurityConfig
- Seo
- ServerCert
- SimpleCache
- SimpleCacheRule
- Sort
- SpecificConfig
- StatusCodeCache
- StatusCodeCacheRule
- SummarizedData
- TimestampData
- TopData
- TopDetailData
- TopicInfo
- TpgAdapter
- UrlRecord
- UserAgentFilter
- UserAgentFilterRule
- VideoSeek
- ViolationUrl
- WebpAdapter

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Introduction

Last updated：2022-08-25 10:15:21

Welcome to Tencent Cloud Content Delivery Network (CDN).

With CDN, you can have your content distributed to edge nodes closest to your users, so as to increase the response speed and success rate of user access. It can help resolve the slow access problems caused by factors such as geographical distribution, bandwidth, and server capabilities.

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API Category

Last updated：2023-12-01 16:39:41

Secure Content Delivery Network APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateScdnFailedLogTask	Recreates an event log task	20
UpdateScdnDomain	Updates SCDN domain name configuration	20

Other APIs

API Name	Feature	Frequency Limit (maximum requests per second)
UpdatePayType	Modifies billing mode.	20

Content Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribePurgeTasks	Queries purge history	20
DescribePushTasks	Queries prefetch history	20
DescribeUrlViolations	Queries violation history.	20
PurgePathCache	Purges directories	20
PurgeUrlsCache	Purges URLs	20
PushUrlsCache	Prefetches URLs	20
DescribePurgeQuota	Queries purge usage quota	20
DescribePushQuota	Queries prefetch usage quota	20

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Real-time Log APIs

API Name	Feature	Frequency Limit (maximum requests per second)
AddCLSTopicDomains	Adds one or more domains to a specified log topic	20
CreateClsLogTopic	Creates a log topic	20
DeleteClsLogTopic	Deletes a log topic	20
DisableClsLogTopic	Stops publishing to log topic	20
EnableClsLogTopic	Starts publishing to log topic	20
ListClsLogTopics	Displaying a list of log topics	20
ListClsTopicDomains	Gets domain names bound to log topic	20
ManageClsTopicDomains	Manages domain names bound to log topic	20
SearchClsLog	Searches for CLS logs	20

Domain Management APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DeleteCdnDomain	Deletes an acceleration domain name.	20
StartCdnDomain	Enables an acceleration domain name.	20
StopCdnDomain	Disables an acceleration domain name.	20
AddCdnDomain	Adds an acceleration domain name.	20

Configuration Management APIs

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API Name	Feature	Frequency Limit (maximum requests per second)
DescribeDomains	Queries the basic information of a domain name	20
DescribeDomainsConfig	Queries the detailed configuration of a domain name	20
ModifyDomainConfig	Modifies domain name configuration	20
UpdateDomainConfig	Updates domain name configuration	20

Log Query APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeCdnDomainLogs	Queries a log download link	20

Service Query APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeCdnIp	Queries IP ownership	20
DescribeCertDomains	Gets available domain names in certificate	20
DescribeIpStatus	Queries the node status of the domain name	10
DescribeMapInfo	Queries codes of districts and ISPs.	20
DescribePayType	Queries billing mode	20

Data Query APIs

API Name	Feature	Frequency Limit (maximum requests per second)

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DescribeBillingData	Queries billing data	20
DescribeCdnData	Queries access data.	20
DescribeIpVisit	Queries data of active users.	20
DescribeOriginData	Queries origin-pull data.	20
DescribeReportData	Queries report data	10
ListTopData	Queries top data.	20

Obsoleted APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeCdnOriginIp	Queries intermediate nodes	20
DisableCaches	Blocks URLs.	40
EnableCaches	Unblocks URLs.	40
GetDisableRecords	Queries history of blocking actions.	40

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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 cdn.tencentcloudapi.com) or a specified region (at cdn.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 "cdn.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)	cdn.tencentcloudapi.com
South China (Guangzhou)	cdn.ap-guangzhou.tencentcloudapi.com
East China (Shanghai)	cdn.ap-shanghai.tencentcloudapi.com
North China (Beijing)	cdn.ap-beijing.tencentcloudapi.com
Southwest China (Chengdu)	cdn.ap-chengdu.tencentcloudapi.com
Southwest China (Chongqing)	cdn.ap-chongqing.tencentcloudapi.com
Hong Kong, Macao, Taiwan (Hong Kong, China)	cdn.ap-hongkong.tencentcloudapi.com
Southeast Asia (Singapore)	cdn.ap-singapore.tencentcloudapi.com
Southeast Asia (Bangkok)	cdn.ap-bangkok.tencentcloudapi.com

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

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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`

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Field Name	Explanation
HashedRequestPayload	Hash value of the request payload (i.e., the body, such as `{"Limit": 1, "Filter` `[{"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` i request header, which is the UNIX timestamp of the current time in seconds, such as `1551113065` in this example.

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Field Name	Explanation
CredentialScope	Scope of the credential in the format of `Date/service/tc3_request` , includin date, requested service and termination string (tc3_request). **`Date` is a date in U 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 `201 25/cvm/tc3_request` .
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)
```

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```
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.
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
```

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```
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
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.

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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.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");
```

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```
// 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 *************
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)
.append(" -H \"Authorization: ").append(authorization).append("\"")
.append(" -H \"Content-Type: application/json; charset=utf-8\"")
```

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

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```
# ************* 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

```
package main
import (
"crypto/hmac"
"crypto/sha256"
"encoding/hex"
"fmt"
"time"
)
func sha256hex(s string) string {
```

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```
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,
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)
```

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```
// 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

```
<?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";
```

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```
$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;
// 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'
```

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```
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 = ''
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,
```

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```
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 \
+ ' -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)
```

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```
{
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
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));
```

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```
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);
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();
```

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```
Console.WriteLine(requestPayload);
}
}
```

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"
+ canonicalUri + "\n"
+ canonicalQueryString + "\n"
```

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```
+ 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()
```

C++

```
#include <iostream>
#include <iomanip>
```

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```
#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;
}
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);
```

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```
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]);
}
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 *************
```

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```
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");
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;
```

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```
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()) {
// 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("&");
```

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```
}
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*******"
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)
```

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```
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*******"
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
```

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```
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();
$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
```

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```
// $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,
'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
```

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```
# 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)
{
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;
```

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```
// 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);
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){
```

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```
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, '.');
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'])
```

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```
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：2020-01-13 16:24:58

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.

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Error Code	Description
MissingParameter	A parameter is missing.
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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Data Query APIs
ListTopData

Last updated：2023-12-01 16:39:46

1. API Description

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

This API is used to list data sorted the following ways by using different combinations of the Metric and Filter input parameters:

- It sorts access URLs by total traffic and total requests, and returns the top 1,000 URLs in descending order.
- It sorts client districts by total traffic and total requests, and returns the list of districts in descending order.
- It sorts client ISPs by total traffic and total requests, and returns the list of ISPs in descending order.
- It sorts domain names by total traffic, peak bandwidth, total requests, average hit rate, and 2XX/3XX/4XX/5XX status codes, and returns the list of domain names in descending order.
- It sorts domain names by total origin-pull traffic, peak origin-pull bandwidth, total origin-pull requests, average origin-pull failure rate, and 2XX/3XX/4XX/5XX origin-pull status codes, and returns the list of domain names in descending order.

Note: only data from the last 90 days will be queried.

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: ListTopData.

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Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
StartTime	Yes	Timestamp	Query start time in the format of `yyyy-MM-dd HH:mm:ss` Only data queries at the granularity of minutes are supported. The start time is truncated to minutes. For example, if the value of `StartTime` is 2018-09-04 10:40:23, the start time of the data returned is 2018-09-04 10:40:00. Only data for the last 90 days can be queried.
EndTime	Yes	Timestamp	Query end time in the format of `yyyy-MM-dd HH:mm:ss` Only data queries at the granularity of days are supported. Take the day in the input parameter as the end date, and the data generated on or before 23:59:59 on the end date is returned. For example, if the value of `EndTime` is 2018-09-05 22:40:00, the end time of the data returned is 2018-09-05 23:59:59. `EndTime` must be later than or equal to `StartTime`.
Metric	Yes	String	Objects to be sorted. Valid values: `url`: Sort by access URL (URLs carrying no parameters). Supported filters are `flux` and `request`. `district`: sorts provinces or countries/regions. Supported filters are `flux` and `request`. `isp`: sorts ISPs. Supported filters are `flux` and `request`. `host`: Sort by domain name access data. Supported filters are `flux`, `request`, `bandwidth`, `fluxHitRate`, and `statusCode` (2XX, 3XX, 4XX, 5XX). `originHost`: Sort by domain name origin-pull data. Supported filters are `flux`, `request`, `bandwidth`, and `OriginStatusCode` (origin_2XX, origin_3XX, origin_4XX, origin_5XX).
Filter	Yes	String	Metric name used for sorting: flux: If Metric is `host`, it indicates the access traffic; if Metric is `originHost`, it indicates the origin-pull traffic. bandwidth: If Metric is `host`, it indicates the access bandwidth; if Metric is `originHost`, it indicates the origin-pull bandwidth. request: If Metric is `host`, it indicates the number of access requests; if Metric is `originHost`, it indicates the number of origin-pull requests. fluxHitRate: Average traffic hit rate 2XX: access 2XX status code 3XX: access 3XX status code 4XX: access 4XX status code

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			5XX: access 5XX status code origin_2XX: origin-pull 2XX status code origin_3XX: origin-pull 3XX status code origin_4XX: origin-pull 4XX status code origin_5XX: origin-pull 5XX status code statusCode: statistics of a specific access status code which is specified in the `Code` parameter. OriginStatusCode: statistics of a specific origin-pull status code which is specified in the `Code` parameter.
Domains.N	No	Array of String	Specifies the list of domain names to be queried; up to 30 domain names can be queried at a time.
Project	No	Integer	Specifies the project ID to be queried, which can be viewed here Please note that if domain names are specified, this parameter will be ignored.
Detail	No	Boolean	The sorted results of all domain names are returned by default (false) during a multi-domain-name query If `Metric` is `url` , `path` , `district` , or `isp` and `Filter` is `flux` or `request` , it can be set to `true` to return the sorted results of each domain.
Code	No	String	When Filter is `statusCode` or `OriginStatusCode` , enter a code to query and sort results.
Area	No	String	Specifies the service region. If this value is left blank, it means to query CDN data within the Chinese mainland. `mainland` : Query CDN data in the Chinese mainland. `overseas` : Query CDN data outside the Chinese mainland. Supported metrics are `url` , `district` , `host` , and `originHost` . If `Metric` is `originHost` , supported filters are `flux` , `request` , and `bandwidth` .
AreaType	No	String	Specifies a region type for the query. If it is left blank, data of the service region will be queried. This parameter is only valid when `Area` is `overseas` and `Metric` is `district` or `host` . `server` : Query by the location of server (Tencent Cloud CDN nodes). `client` : Query data of the client region where the request devices are located; if `Metric` is `host` , supported filters are `flux` , `request` , and `bandwidth` .
Product	No	String	Specifies the product to query, either `cdn` (default) or `ecdn` .

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Limit	No	Integer	Returns the first N data entries. The default value is 100 if this parameter is not specified, whereas 1000 if `Metric` is `url`.

3. Output Parameters

Parameter Name	Type	Description
Data	Array of TopData	Top access data details of each resource
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying top URL access data

Input Example

```
https://cdn.tencentcloudapi.com/?Action=ListTopData
&StartTime=2018-09-04 00:00:00
&EndTime=2018-09-04 12:00:00
&Metric=Url
&Filter=flux
&Domains.0=www.test.com
&Domains.1=www.test.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "123",
"Data": [
{
"Resource": "www.test1.com",
"DetailData": [
{
"Name": "www.test1.com/1.jpg?abc=123",
"Value": 13838
```

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```
}
]
},
{
"Resource": "www.test2.com",
"DetailData": [
{
"Name": "http://www.test2.com/1.jpg?abc=123",
"Value": 2501
}
]
}
]
}
}
```

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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InternalError.TagSystemError	Tag internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidFilter	Invalid statistical dimension. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.

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InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnProjectNotExists	The project does not exist. Please check and try again.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeOriginData

Last updated：2023-12-01 16:39:46

1. API Description

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

This API is used to query CDN real-time origin-pull monitoring data and supports the following metrics:

- Origin-pull traffic (in bytes)
- Origin-pull bandwidth (in bps)
- Number of origin-pull requests
- Number of failed origin-pull requests
- Origin-pull failure rate (in % with two decimal digits)
- Aggregate list of 2xx origin-pull status codes and the details of origin-pull status codes starting with 2 (in entries)
- Aggregate list of 3xx origin-pull status codes and the details of origin-pull status codes starting with 3 (in entries)
- Aggregate list of 4xx origin-pull status codes and the details of origin-pull status codes starting with 4 (in entries)
- Aggregate list of 5xx origin-pull status codes and the details of origin-pull status codes starting with 5 (in entries)

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: DescribeOriginData.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.

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StartTime	Yes	Timestamp	Start time of the query, e.g., 2018-09-04 10:40:00. The specified start time will be rounded down based on the granularity parameter `Interval` . For example, if you set the start time to 2018-09-04 10:40:00 with 1-hour granularity, the time will be rounded down to 2018-09-04 10:00:00. The period between the start time and end time can be up to 90 days.
EndTime	Yes	Timestamp	End time of the query, e.g. 2018-09-04 10:40:00. The specified end time will be rounded down based on the granularity parameter `Interval` . For example, if you set the end time to 2018-09-04 10:40:00 with 1-hour granularity, the time will be rounded down to 2018-09-04 10:00:00. The period between the start time and end time can be up to 90 days.
Metric	Yes	String	Specifies the metric to query, which can be: `flux` : Origin-pull traffic (in bytes) `bandwidth` : Origin-pull bandwidth (in bps) `request` : Number of origin-pull requests `failRequest` : Number of failed origin-pull requests `failRate` : Origin-pull failure rate (in %) `statusCode` : Origin-pull status code. The aggregate data for 2xx, 3xx, 4xx, and 5xx origin-pull status codes will be returned (in entries) `2xx` : Returns the aggregate list of 2xx origin-pull status codes and the data for origin-pull status codes starting with 2 (in entries) `3xx` : Returns the aggregate list of 3xx origin-pull status codes and the data for origin-pull status codes starting with 3 (in entries) `4xx` : Returns the aggregate list of 4xx origin-pull status codes and the data for origin-pull status codes starting with 4 (in entries) `5xx` : Returns the aggregate list of 5xx origin-pull status codes and the data for origin-pull status codes starting with 5 (in entries) It is supported to specify a status code for query. The return will be empty if the status code has never been generated.
Domains.N	No	Array of String	Specifies the list of domain names to query. You can query up to 30 domain names at a time.
Project	No	Integer	Specifies the project ID to be queried. Check project ID in the console If the domain name is not specified, the specified project will be queried. Up to 30 acceleration domain names can be queried at a time.

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			If the domain name information is specified, this parameter can be ignored.
Interval	No	String	Time granularity, which can be: `min` : Return data with 1-minute granularity. It's available when the query period is within 24 hours and `Area` is `mainland` . `5min` : Return data with 5-minute granularity. It's available when the query period is within 31 days. `hour` : Return data with 1-hour granularity. It's available when the query period is within 31 days. `day` : Return data with 1-day granularity. It's available when the query period is longer than 31 days.
Detail	No	Boolean	The aggregate data for multiple domain names is returned by default (false) when multiple `Domains` are passed in. You can set it to true to return the details for each Domain (the statusCode metric is currently not supported)
Area	No	String	Specifies the service region. If this value is left blank, it means to query CDN data within the Chinese mainland. `mainland` : Query CDN data in the Chinese mainland. `overseas` : Query CDN data outside the Chinese mainland.
TimeZone	No	String	Specifies a time zone to query. The default time zone is UTC+08:00.

3. Output Parameters

Parameter Name	Type	Description
Interval	String	Time granularity of data statistics, which supports `min` (1 minute), `5min` (5 minutes), `hour` (1 hour), and `day` (1 day).
Data	Array of ResourceOriginData	Origin-pull data details of each resource.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

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Example1 Querying CDN origin-pull data

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeOriginData
&StartTime=2018-09-04 00:00:00
&EndTime=2018-09-04 12:00:00
&Metric=flux
&Domains.0=www.test.com
&<Common request parameters>
```

Output Example


```
{
"Response": {
"RequestId": "123",
"Data": [
{
"Resource": "www.test.com",
"OriginData": [
{
"Metric": "flux",
"DetailData": [
{
"Time": "2018-09-03 00:00:00",
"Value": 10
},
{
"Time": "2018-09-03 00:05:00",
"Value": 20
}
],
"SummarizedData": {
"Name": "sum",
"Value": 30
}
}
]
}
],
"Interval": 5
}
}
```


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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.

- 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
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.

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InternalError.InvalidErrorCode	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InternalError.TagSystemError	Tag internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidMiddleConfig	Incorrect intermediate server configuration.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnInvalidParamMetric	Parameter error: Metric. Please check and try again.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnProjectNotExists	The project does not exist. Please check and try again.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.CdnUserTooManyHosts	The number of domain names under the account has reached the upper limit. Please submit a ticket for assistance.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.

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UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeIpVisit

Last updated：2023-12-01 16:39:47

1. API Description

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

This API (DescribeIpVisit) is used to query the number of users who remain active for 5 minutes and the detailed number of daily active users.

- Number of users who remain active for 5 minutes: Collects deduplicated statistics based on client IP addresses in the log with the 5-minute granularity.
- Number of daily active users: Collects deduplicated statistics based on client IP addresses in the log with the 1-day granularity.

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: DescribeIpVisit.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
StartTime	Yes	Timestamp	Query start time, such as 2018-09-04 10:40:10; the returned result is later than or equal to the specified time. According to the specified time granularity, forward rounding is applied; for example, if the query start time is 2018-09-04 10:40:10

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			and the query time granularity is 5 minutes, the time for the first returned entry will be 2018-09-04 10:40:00.
EndTime	Yes	Timestamp	Query end time, such as 2018-09-04 10:40:10; the returned result is earlier than or equal to the specified time. According to the specified time granularity, forward rounding is applied; for example, if the query start time is 2018-09-04 10:40:10 and the query time granularity is 5 minutes, the time for the last returned entry will be 2018-09-04 10:40:00.
Domains.N	No	Array of String	Specifies the list of domain names to be queried; up to 30 domain names can be queried at a time.
Project	No	Integer	Specifies the project ID to be queried, which can be viewed here Please note that if domain names are specified, this parameter will be ignored.
Interval	No	String	Sampling interval in minutes. The available options vary for different query period. See below: 5min: 5 minutes. If the query period is within 24 hours, `5min` will be used by default. day: 1 day. If the query period is longer than 24 hours, `day` will be used by default.

3. Output Parameters

Parameter Name	Type	Description
Interval	String	Time granularity of data statistics, which supports 5min (5 minutes) and day (1 day).
Data	Array of ResourceData	Origin-pull data details of each resource.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying active IP details

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Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeIpVisit
&StartTime=2018-09-04 00:00:00
&EndTime=2018-09-04 12:00:00
&Domains.0=www.test.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "123",
"Data": [
{
"Resource": "multiDomains",
"CdnData": [
{
"Metric": "ipVisit",
"DetailData": [
{
"Time": "2018-09-03 00:00:00",
"Value": 10
},
{
"Time": "2018-09-03 00:05:00",
"Value": 20
}
],
"SummarizedData": {
"Name": "sum",
"Value": 30
}
}
]
}
],
"Interval": 5
}
}
```

5. Developer Resources

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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
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnInvalidParamInterval	Parameter error: Interval. Please check and try again.

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InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnProjectNotExists	The project does not exist. Please check and try again.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeCdnData

Last updated：2023-12-01 16:39:47

1. API Description

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

This API is used to query CDN real-time access monitoring data and supports the following metrics:

- Traffic (in bytes)
- Bandwidth (in bps)
- Number of requests
- Number of hit requests
- Request hit rate (in %)
- Hit traffic (in bytes)
- Traffic hit rate (in %)
- Aggregate list of 2xx status codes and the details of status codes starting with 2 (in entries)
- Aggregate list of 3xx status codes and the details of status codes starting with 3 (in entries)
- Aggregate list of 4xx status codes and the details of status codes starting with 4 (in entries)
- Aggregate list of 5xx status codes and the details of status codes starting with 5 (in entries)

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: DescribeCdnData.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.

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Region	No	String	Common Params. This parameter is not required for this API.
StartTime	Yes	Timestamp	Start time of the query, e.g., 2018-09-04 10:40:00. The specified start time will be rounded down based on the granularity parameter `Interval` . For example, if you set the start time to 2018-09-04 10:40:00 with 1-hour granularity, the time will be rounded down to 2018-09-04 10:00:00. The period between the start time and end time can be up to 90 days.
EndTime	Yes	Timestamp	End time of the query, e.g. 2018-09-04 10:40:00. The specified end time will be rounded down based on the granularity parameter `Interval` . For example, if you set the end time to 2018-09-04 10:40:00 with 1-hour granularity, the time will be rounded down to 2018-09-04 10:00:00. The period between the start time and end time can be up to 90 days.
Metric	Yes	String	Specifies the metric to query, which can be: `flux` : Traffic (in bytes) `fluxIn` : Upstream traffic (in bytes), only used for the `ecdn` product `fluxOut` : Downstream traffic (in bytes), only used for the `ecdn` product `bandwidth` : Bandwidth (in bps) `bandwidthIn` : Upstream bandwidth (in bps), only used for the `ecdn` product `bandwidthOut` : Downstream bandwidth (in bps), only used for the `ecdn` product `request` : Number of requests `hitRequest` : Number of hit requests `requestHitRate` : Request hit rate (in % with two decimal digits) `hitFlux` : Hit traffic (in bytes) `fluxHitRate` : Traffic hit rate (in % with two decimal digits) `statusCode` : Status code. The aggregate data for 2xx, 3xx, 4xx, and 5xx status codes will be returned (in entries) `2xx` : Returns the aggregate list of 2xx status codes and the data for status codes starting with 2 (in entries) `3xx` : Returns the aggregate list of 3xx status codes and the data for status codes starting with 3 (in entries) `4xx` : Returns the aggregate list of 4xx status codes and the data for status codes starting with 4 (in entries) `5xx` : Returns the aggregate list of 5xx status codes and the data

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			for status codes starting with 5 (in entries) Specifies the status code to query. The return will be empty if the status code has never been generated.
Domains.N	No	Array of String	Specifies the list of domain names to be queried You can specify one or more domain names. Up to 30 domain names can be queried in one request. If this parameter is not specified, it means to query all domain names under the current account.
Project	No	Integer	Specifies the project ID to be queried. Check project ID in the console Note that `Project` will be ignored if `Domains` is specified.
Interval	No	String	Sampling interval. The available options vary for different query period. See below: `min` : Return data with 1-minute granularity. It's available when the query period is within 24 hours and `Area` is `mainland` . `5min` : Return data with 5-minute granularity. It's available when the query period is within 31 days. `hour` : Return data with 1-hour granularity. It's available when the query period is within 31 days. `day` : Return data with 1-day granularity. It's available when the query period is longer than 31 days.
Detail	No	Boolean	The aggregate data for multiple domain names is returned by default (false) during a multi-domain-name query. You can set it to true to return the details for each Domain (the statusCode metric is currently not supported).
Isp	No	Integer	Specifies an ISP when you query the CDN data within the Chinese mainland. If this is left blank, all ISPs will be queried. To view ISP codes, see ISP Code Mappings Note that only one of `District` , `Isp` and `IpProtocol` can be specified.
District	No	Integer	Specifies a province when you query the CDN data within the Chinese mainland. If this is left blank, all provinces will be queried. Specifies a country/region when you query the CDN data outside the Chinese mainland. If this is left blank, all countries/regions will be queried. To view codes of provinces or countries/regions, see Province Code Mappings. When `Area` is `mainland` , you can query by the province. Note that only one of `District` , `Isp` and `IpProtocol` can be specified.

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Protocol	No	String	Specifies the protocol to be queried; if you leave it blank, all protocols will be queried. `all` : All protocols `http` : Query HTTP data `https` : Query HTTPS data
DataSource	No	String	Specifies the data source to be queried. It's only open to beta users now.
IpProtocol	No	String	Specifies the IP protocol to be queried. If it's not specified, data of all IP protocols are returned. `all` : All protocols `ipv4` : Query IPv4 data `ipv6` : Query IPv6 data If `IpProtocol` is specified, `District` parameter can not be specified at the same time. Note: `ipv4` and `ipv6` are only available to beta users.
Area	No	String	Specifies the service area. If it's not specified, CDN data of the Chinese mainland are returned. `mainland` : Query CDN data in the Chinese mainland. `overseas` : Query CDN data outside the Chinese mainland.
AreaType	No	String	Specify whether to query by the region of the server or client. This parameter is valid only when `Area` is `overseas` . `server` : Query by the location of server (Tencent Cloud CDN nodes) `client` : Query by the location of the client (where the request devices are located)
Product	No	String	Specifies the product to query, either `cdn` (default) or `ecdn` .
TimeZone	No	String	Specifies a time zone to query. The default time zone is UTC+08:00.

3. Output Parameters

Parameter Name	Type	Description
Interval	String	Time granularity of the returned data. `min` : 1 minute `5min` : 5 minutes

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		`hour` : 1 hour `day` : 1 day
Data	Array of ResourceData	Returned data details of the specified conditional query
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying CDN access data

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeCdnData
&StartTime=2018-09-04 00:00:00
&EndTime=2018-09-04 12:00:00
&Metric=flux
&Domains.0=www.test.com
&Project=0
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "123",
"Data": [
{
"Resource": "www.test.com",
"CdnData": [
{
"Metric": "flux",
"DetailData": [
{
"Time": "2018-09-03 00:00:00",
"Value": 10
},
{
"Time": "2018-09-03 00:05:00",
"Value": 20
}
],
```

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```
"SummarizedData": {
"Name": "sum",
"Value": 30
}
}
]
}
],
"Interval": "5min"
}
}
```


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
AuthFailure.InvalidAuthorization	Authentication error. Please check and try again.
FailedOperation.CdnConfigError	Failed to update the domain name configuration. Please

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	submit a ticket for troubleshooting.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.CostDataSystemError	Billing data query internal error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.InvalidErrorCode	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InternalError.TagSystemError	Tag internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnInvalidParamMetric	Parameter error: Metric. Please check and try again.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical

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	analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnProjectNotExists	The project does not exist. Please check and try again.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.CsrfError	Service internal error. Please submit a ticket for troubleshooting.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeBillingData

Last updated：2023-12-01 16:39:48

1. API Description

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

This API is used to query billing data details.

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: DescribeBillingData.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
StartTime	Yes	Timestamp	Start time of the query, e.g., 2018-09-04 10:40:00. The specified start time will be rounded down based on the granularity parameter `Interval` . For example, if you set the start time to 2018-09-04 10:40:00 with 1-hour granularity, the time will be rounded down to 2018-09-04 10:00:00. The period between the start time and end time can be up to 90 days.
EndTime	Yes	Timestamp	End time of the query, e.g. 2018-09-04 10:40:00. The specified end time will be rounded down based on the granularity parameter `Interval` . For example, if you set the end

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			time to 2018-09-04 10:40:00 with 1-hour granularity, the time will be rounded down to 2018-09-04 10:00:00. The period between the start time and end time can be up to 90 days.
Interval	No	String	Time granularity, which can be: `min` : 1-minute granularity. The query period cannot exceed 24 hours. `5min` : 5-minute granularity. The query range cannot exceed 31 days. `hour` : 1-hour granularity. The query period cannot exceed 31 days. `day` : 1-day granularity. The query period cannot exceed 31 days. `min` is not supported if the `Area` field is `overseas` .
Domain	No	String	Domain name whose billing data is to be queried
Project	No	Integer	Specifies the project ID to be queried. Check project ID in the console If the `Domain` parameter is passed in, the `Proejct` parameter is ignored. Only the billing data of the specified domain name is returned.
Area	No	String	Acceleration region whose billing data is to be queried: `mainland` : Regions within the Chinese mainland `overseas` : Regions outside the Chinese mainland If this parameter is left empty, `mainland` will be used by default
District	No	Integer	Country/region to be queried if `Area` is `overseas` To view codes of provinces or countries/regions, see Province Code Mappings If this parameter is left empty, all countries/regions will be queried
Metric	No	String	Billing statistics type `flux` : Bill by traffic `bandwidth` : Bill by bandwidth Default value: `bandwidth`
Product	No	String	Specifies the product to query, either `cdn` (default) or `ecdn` .
TimeZone	No	String	

3. Output Parameters

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Parameter Name	Type	Description
Interval	String	Time granularity, which is specified by the parameter passed in during the query: `min` : 1 minute `5min` : 5 minutes `hour` : 1 hour `day` : 1 day
Data	Array of ResourceBillingData	Data details
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying billing data

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeBillingData
&StartTime=2018-09-04 00:00:00
&EndTime=2018-09-04 12:00:00
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "123",
"Data": [
{
"Resource": "all",
"BillingData": [
{
"Metric": "flux",
"DetailData": [
{
"Time": "2018-09-03 00:00:00",
"Value": 10
},
```

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```
{
"Time": "2018-09-03 00:05:00",
"Value": 20
}
],
"SummarizedData": {
"Name": "sum",
"Value": 30
}
}
]
}
],
"Interval": "5min"
}
}
```


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.

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Error Code	Description
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.CostDataSystemError	Billing data query internal error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
InvalidParameter.EcdnInterfaceError	API internal error. Please try again or contact the customer service for assistance.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the

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	domain name is correct.
ResourceNotFound.CdnProjectNotExists	The project does not exist. Please check and try again.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeReportData

Last updated：2023-12-01 16:39:46

1. API Description

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

This API is used to query the daily/weekly/monthly report data at domain name/project levels.

A maximum of 10 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: DescribeReportData.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
StartTime	Yes	Date	Query the start time in the format of `yyyy-MM-dd` If the report type is `daily` , the start time and end time must be of the same day. If the report type is `weekly` , the start time must be Monday and the end time must be the Sunday of the same week. If the report type is `monthly` , the start time must be the first day of the month and the end time must be the last day of the same month.
EndTime	Yes	Date	Query the end time in the format of `yyyy-MM-dd` If the report type is `daily` , the start time and end time must be of the same day.

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			If the report type is `weekly` , the start time must be Monday and the end time must be the Sunday of the same week. If the report type is `monthly` , the start time must be the first day of the month and the end time must be the last day of the same month.
ReportType	Yes	String	Report type daily: daily report weekly: weekly report (Monday to Sunday) monthly: monthly report (calendar month)
Area	Yes	String	Domain name acceleration region `mainland` : Regions within the Chinese mainland `overseas` : Regions outside the Chinese mainland
Offset	No	Integer	Offset. Default value: 0.
Limit	No	Integer	Number of data entries. Default value: 1000.
Project	No	Integer	Filters by project ID

3. Output Parameters

Parameter Name	Type	Description
DomainReport	Array of ReportData	Domain name-level data details.
ProjectReport	Array of ReportData	Project-level data details
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying report data

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeReportData
&StartTime=2020-02-01
```

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```
&EndTime=2020-02-29
&ReportType=monthly
&Area=mainland
&<Common request parameters>
```

Output Example


```
{
"Response": {
"RequestId": "8aa8eb8d-d704-45a9-ae81-9606243193cb",
"DomainReport": [
{
"Resource": "www.test1.com",
"ResourceId": "cdn-8km12345",
"Value": 100,
"Percentage": 50,
"BillingValue": 100,
"BillingPercentage": 50
},
{
"Resource": "www.test2.com",
"ResourceId": "cdn-rl523456",
"Value": 100,
"Percentage": 50,
"BillingValue": 100,
"BillingPercentage": 50
}
],
"ProjectReport": [
{
"Resource": "p1",
"ResourceId": "123",
"Value": 100,
"Percentage": 10,
"BillingValue": 100,
"BillingPercentage": 10
},
{
"Resource": "Default Project",
"ResourceId": "0",
"Value": 900,
"Percentage": 90,
"BillingValue": 900,
"BillingPercentage": 90
}
]
```


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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 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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.InvalidErrorCode	Service internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.

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ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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Service Query APIs
DescribePayType

Last updated：2023-12-01 16:39:41

1. API Description

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

This API (DescribePayType) is used to query billing information of the current account, such as billing mode and billing cycle.

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: DescribePayType.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Area	No	String	Specifies the service area. `mainland` : Queries billing methods available in the Chinese mainland. `overseas` : Queries billing methods available in the regions outside the Chinese mainland. `Global` : Queries billing methods available across the globe. If it is not specified, it defaults to `mainland` .

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Product	No	String	Specifies the product to query, either `cdn` (default) or `ecdn`.
Type	No	String	Specifies resources. `flux` : Traffic package `https` : HTTPS requests It defaults to `flux` if not specified.

3. Output Parameters

Parameter Name	Type	Description
PayType	String	Billing type `flux` : Bill by traffic `bandwidth` : Bill by bandwidth `request` : Bill by the number of requests `flux_sep` : Bill by dynamic and static traffic separately `bandwidth_sep` : Bill by dynamic and static bandwidth separately If you incur any usage when switching the billing mode, the new mode will take effect the next day. If no usage is incurred, the new mode takes effect immediately.
BillingCycle	String	Billing cycle `day` : Daily `month` : Monthly `hour` : Hourly
StatType	String	Statistic data `monthMax` : Billed monthly based on the monthly average daily peak traffic `day95` : Billed monthly based on the daily 95th percentile bandwidth `month95` : Billed monthly based on the monthly 95th percentile bandwidth `sum` : Billed daily/monthly based on the total traffic or requests `max` : Billed daily based on the peak bandwidth
RegionType	String	Regionl billing `all` : Unified billing for all regions `multiple` : Region-specific billing
CurrentPayType	String	Current billing mode `flux` : Bill by traffic `bandwidth` : Bill by bandwidth `request` : Bill by the number of requests

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		`flux_sep` : Bill by dynamic and static traffic separately `bandwidth_sep` : Bill by dynamic and static bandwidth separately
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the billing mode

This example shows you how to query the billing mode.

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribePayType
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "1732a0dd-48d8-4ff1-8dcb-7f04ca139825",
"PayType": "flux",
"StatType": "sum",
"BillingCycle": "day",
"RegionType": "all",
"CurrentPayType": "flux"
}
}
```

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

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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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.EcdnInterfaceError	API internal error. Please try again or contact the customer service for assistance.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeMapInfo

Last updated：2023-12-01 16:39:41

1. API Description

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

This API (DescribeMapInfo) is used to query the IDs of districts or ISPs.

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: DescribeMapInfo.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Name	Yes	String	Query type: `isp` : queries ISP codes `district` : queries codes of provinces (Mainland China) or countries/regions (outside Mainland China)

3. Output Parameters

Parameter Name	Type	Description

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MapInfoList	Array of MapInfo	Array of mappings.
ServerRegionRelation	Array of RegionMapRelation	Mapping relationship between server region ID and sub-region ID Note: This field may return `null` , indicating that no valid value can be obtained.
ClientRegionRelation	Array of RegionMapRelation	Mapping relationship between client region ID and sub-region ID Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the mappings between a district or an ISP

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeMapInfo
&Name=isp
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "fcd7aded-1866-467e-a9f6-d8d00b09557e",
"MapInfoList": [
{
"Id": 3947,
"Name": "China Mobile Tietong"
}
],
"ServerRegionRelation": null,
"ClientRegionRelation": null
}
}
```

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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
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.

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ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeCdnIp

Last updated：2023-12-01 16:39:42

1. API Description

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

This API is used to query CDN IP ownership.

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: DescribeCdnIp.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Ips.N	Yes	Array of String	List of IPs to be queried

3. Output Parameters

Parameter Name	Type	Description

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Ips	Array of CdnIp	Node ownership details
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying IP information

Input Example

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

{
"Ips": [
"1.1.1.1"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "156bde25-56b5-4dae-9638-b7b08b08e4f6",
"Ips": [
{
"City": "shanghai",
"Ip": "1.1.1.1",
"Platform": "no",
"Location": "unknown",
"Area": "unknown",
"History": []
}
]
}
}
```

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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.

- 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
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
LimitExceeded.CdnCallingQueryIpTooOften	Too frequent queries on IP ownership.
LimitExceeded.CdnQueryIpBatchTooMany	The number of IPs to be queried exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.

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UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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DescribeIpStatus

Last updated：2023-12-01 16:39:42

1. API Description

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

This API is used to query the IP details of edge nodes (available soon) and intermediate nodes. Note that there is a certain delay in data availability.

> **Note：**
>
> If you have migrated your ECDN service to CDN, you can use the corresponding CDN API.

A maximum of 10 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: DescribeIpStatus.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Acceleration domain name
Layer	No	String	Node type. `edge` : Edge server `last` : Intermediate server

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			If this parameter is left empty, edge server information will be returned by default
Area	No	String	Specifies a region to query. `mainland` : Nodes in the Chinese mainland `overseas` : Nodes outside the Chinese mainland `global` : Global nodes
Segment	No	Boolean	Whether to return a value as an IP range
ShowIpv6	No	Boolean	
AbbreviationIpv6	No	Boolean	Whether to abbreviate the IPv6 address.

3. Output Parameters

Parameter Name	Type	Description
Ips	Array of IpStatus	Node list
TotalCount	Integer	Total number of nodes
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying domain name node information

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeIpStatus
&Domain=www.test.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "b6e9964d-26a3-49d0-adab-993e17d2f950",
```

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```
"Ips": [
{
"Ip": "1.1.1.1",
"District": "Guangdong",
"Isp": "China Telecom",
"City": "Shenzhen",
"Status": "online"
}
]
}
}
```


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.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.

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InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnConfigInvalidHost	Invalid domain name. Please make sure the domain name is valid.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeCertDomains

Last updated：2023-12-01 16:40:38

1. API Description

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

This API is used to verify a SSL certificate and obtain its 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: DescribeCertDomains.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Cert	No	String	Base64-encoded string of certificate in PEM format
CertId	No	String	Managed certificate ID. `Cert` and `CertId` cannot be both empty. If they're both filled in, `CerID` prevails.
Product	No	String	Product of the domain name, either `cdn` (default) or `ecdn` .

3. Output Parameters

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Parameter Name	Type	Description
Domains	Array of String	List of domain names connected to CDN Note: This field may return `null` , indicating that no valid value can be obtained.
CertifiedDomains	Array of String	List of CDN domain names with certificates configured Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Getting configurable domain names in an SSL certificate

Input Example

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

{
"Cert": "\"
}
```

Output Example

```
{
"Response": {
"RequestId": "1abbe623-4b0e-4727-ab51-7624902d47f4",
"Domains": [
"test.tencentyun.com",
"httpstest.tencentyun.com"
],
"CertifiedDomains": [
"httpstest.tencentyun.com"
]
```

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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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InvalidParameter.CdnCertNoCertInfo	Invalid certificate. Please check and try again.
InvalidParameter.CdnCertNotPem	Invalid HTTPS certificate.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.

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Error Code	Description
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnHostIsUsedByOther	The domain name has been connected by another account. For more information, please submit a ticket.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.ClsNotAllowed	The operation is not allowed.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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Content Management APIs
PushUrlsCache

Last updated：2023-12-01 16:39:48

1. API Description

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

This API is used to cache specified URL resources to CDN nodes. You can specify acceleration regions for the prefetch.
By default, a maximum of 1000 URLs can be prefetched per day for regions either within or outside the Chinese mainland, and up to 500 tasks can be submitted at a time. Note that resources prefetched outside the Chinese mainland will be cached to CDN nodes outside the Chinese mainland and the traffic generated will incur costs.

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: PushUrlsCache.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Urls.N	Yes	Array of String	List of URLs. The protocol header such as "http://" or "https://" needs to be included.
UserAgent	No	String	Specifies the User-Agent header of an HTTP prefetch request

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			when it is forwarded to the origin server Default value: `TencentCdn`
Area	No	String	Destination region for the prefetch `mainland` : prefetches resources to nodes within Mainland China `overseas` : prefetches resources to nodes outside Mainland China `global` : prefetches resources to global nodes Default value: `mainland` . You can prefetch a URL to nodes in a region provided that CDN service has been enabled for the domain name in the URL in the region.
Layer	No	String	By default, prefetch for regions in the Chinese mainland is performed onto the intermediate nodes, while prefetch for regions outside the Chinese mainland is performed onto the edge nodes and the traffic generated will be billed. If this parameter is `middle` or left empty, prefetch will be performed onto the intermediate node.
ParseM3U8	No	Boolean	Whether to recursively resolve the M3U8 index file and prefetch the TS shards in it. Notes: 1. This feature requires that the M3U8 index file can be directly requested and obtained. 2. In the M3U8 index file, currently only the TS shards at the first to the third level can be recursively resolved. 3. Prefetching the TS shards obtained through recursive resolution consumes the daily prefetch quota. If the usage exceeds the quota, the feature will be disabled and TS shards will not be prefetched.
DisableRange	No	Boolean	Specifies whether to disable Range GETs. Notes: This feature is in beta test.
Headers.N	No	Array of HTTPHeader	Custom HTTP request headers (Up to 20). `Name` : Up to 128 characters. `Value` : Up to 1024 characters.
UrlEncode	No	Boolean	Whether to encode the URL

3. Output Parameters

Parameter	Type	Description

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Name		
TaskId	String	ID of the submitted task
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Prefetching URLs

Input Example

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

{
"Urls": [
"http://www.test.com/1.jpg"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "123",
"TaskId": "1547544453587192992845 6"
}
}
```

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
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidMiddleConfig	Incorrect intermediate server configuration.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.

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InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnPushWildcardNotAllowed	Prefetch does not support wildcard domain names.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
LimitExceeded.CdnPushExceedBatchLimit	The number of URLs to be prefetched at a time exceeds the limit.
LimitExceeded.CdnPushExceedDayLimit	The number of URLs to be prefetched exceeds the daily limit.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
ResourceUnavailable.CdnHostIsNotOnline	The domain name has been deactivated. Prefetch requests cannot be submitted.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.EcdnMigratedCdn	Please go to the CDN console for operation.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a

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	ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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PurgeUrlsCache

Last updated：2023-12-01 16:39:48

1. API Description

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

This API is used to submit multiple URL purge tasks, which are carried out according to the current acceleration region of the domain names in the URLs.
By default, a maximum of 10,000 URLs can be purged per day for acceleration regions either within or outside Mainland China, and up to 1,000 tasks can be submitted at a time.

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: PurgeUrlsCache.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Urls.N	Yes	Array of String	List of URLs. The protocol header such as "http://" or "https://" needs to be included.
Area	No	String	Purging region The acceleration region of the acceleration domain name will be purged if this parameter is not passed in. If `mainland` is passed in, only the content cached on nodes in the Chinese mainland will be purged.

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			If `overseas` is passed in, only the content cached on nodes outside the Chinese mainland will be purged. The specified purging region should match the domain name acceleration region.
UrlEncode	No	Boolean	Whether to encode Chinese characters for purge

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	Purge task ID. URLs submitted in one request share a task ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Submitting a URL purge task

Input Example

```
https://cdn.tencentcloudapi.com/?Action=PurgeUrlsCache
&Urls.0=http://www.test.com/1.jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "4d5a83f8-a61f-445b-8036-5636be640bef",
"TaskId": "1533045796-i60rfmzm"
}
}
```

5. Developer Resources

SDK

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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
AuthFailure.InvalidAuthorization	Authentication error. Please check and try again.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQueryParamError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.

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InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InternalError.UnknownError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnPurgeWildcardNotAllowed	Cache purge does not support wildcard domain names.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnUrlExceedLength	The URL exceeds the length limit.
LimitExceeded.CdnPurgeExceedBatchLimit	
LimitExceeded.CdnPurgeExceedDayLimit	
LimitExceeded.CdnPurgeUrlExceedBatchLimit	The number of URLs to be purged exceeds the limit.
LimitExceeded.CdnPurgeUrlExceedDayLimit	The number of URLs to be purged exceeds the daily limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceUnavailable.CdnHostIsNotOnline	The domain name has been deactivated. Prefetch requests cannot be submitted.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.

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UnauthorizedOperation.EcdnMigratedCdn	Please go to the CDN console for operation.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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PurgePathCache

Last updated：2023-12-01 16:39:48

1. API Description

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

This API is used to submit multiple directory purge tasks, which are carried out according to the acceleration region of the domain names.
By default, a maximum of 100 directories can be purged per day for acceleration regions either within or outside the Chinese mainland, and up to 500 tasks can be submitted at a time.

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: PurgePathCache.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Paths.N	Yes	Array of String	List of directories. The protocol header such as "http://" or "https://" needs to be included.
FlushType	Yes	String	Purge type: `flush` : purges updated resources `delete` : purges all resources
UrlEncode	No	Boolean	Whether to encode Chinese characters before purge.

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Area	No	String	Region to purge The acceleration region of the acceleration domain name will be purged if this parameter is not passed in. If `mainland` is passed in, only the content cached on nodes in the Chinese mainland will be purged. If `overseas` is passed in, only the content cached on nodes outside the Chinese mainland will be purged. The specified region to purge should match the domain name's acceleration region.

3. Output Parameters

Parameter Name	Type	Description
TaskId	String	Purge task ID. Directories submitted in one request share a task ID.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Submitting a directory purge task

Input Example

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

{
"Paths": [
"http://www.test.com/test/"
],
"FlushType": "flush"
}
```

Output Example

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```
{
"Response": {
"RequestId": "4d5a83f8-a61f-445b-8036-5636be640bef",
"TaskId": "1533045796-i60rfmzm"
}
}
```

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
AuthFailure.InvalidAuthorization	Authentication error. Please check and try again.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.

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InternalError.CdnQueryParamError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnPurgeWildcardNotAllowed	Cache purge does not support wildcard domain names.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnUrlExceedLength	The URL exceeds the length limit.
LimitExceeded.CdnPurgeExceedBatchLimit	
LimitExceeded.CdnPurgeExceedDayLimit	
LimitExceeded.CdnPurgePathExceedBatchLimit	The number of directories to be purged exceeds the limit.
LimitExceeded.CdnPurgePathExceedDayLimit	The number of directories to be purged exceeds the daily limit.
LimitExceeded.CdnPurgeUrlExceedBatchLimit	The number of URLs to be purged exceeds the limit.
LimitExceeded.CdnPurgeUrlExceedDayLimit	The number of URLs to be purged exceeds the daily limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.

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UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribePushTasks

Last updated：2023-12-01 16:39:48

1. API Description

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

This API is used to query the submission record and progress of prefetch tasks.

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: DescribePushTasks.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
StartTime	No	Timestamp	Starting time, such as `2018-08-08 00:00:00`
EndTime	No	Timestamp	End time, such as `2018-08-08 23:59:59`
TaskId	No	String	Specifies a task ID for your query. You must specify either a task ID or a starting time.
Keyword	No	String	Specifies a keyword for your query. Please enter a domain name or a complete URL beginning with `http(s)://`
Offset	No	Integer	Offset for paginated queries. Default value: 0

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Limit	No	Integer	Limit on paginated queries. Default value: 20
Area	No	String	Specifies a region to query the prefetch records `mainland` : Chinese mainland `overseas` : Outside the Chinese mainland `global` : Globe
Status	No	String	Queries the status of a specified task `fail` : Prefetch failed `done` : Prefetch succeeded `process` : Prefetch in progress `invalid` : Invalid prefetch with 4XX/5XX status code returned from the origin server

3. Output Parameters

Parameter Name	Type	Description
PushLogs	Array of PushTask	Prefetch history Note: This field may return `null` , indicating that no valid value can be obtained.
TotalCount	Integer	Total number of tasks, which is used for pagination. Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying prefetch history

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribePushTasks
&TaskId=1533031853231313311
&<Common request parameters>
```

Output Example

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```
{
"Response": {
"RequestId": "4d5a83f8-a61f-445b-8036-5636be640bef",
"PushLogs": [
{
"TaskId": "1533031853231313311",
"Url": "http://www.test.com/",
"Status": "Done",
"Percent": 100,
"CreateTime": "2018-07-30 18:10:53",
"Area": "mainland"
}
],
"TotalCount": 20
}
}
```


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 .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.CamSystemError	Authentication system internal error.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceUnavailable.CdnHostIsNotOnline	The domain name has been deactivated. Prefetch requests cannot be submitted.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.

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UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribePurgeTasks

Last updated：2023-12-01 16:39:49

1. API Description

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

This API is used to query the record and progress of URL or directory purge tasks submitted via the `PurgePathCache` or `PurgeUrlsCache` APIs.

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: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
PurgeType	No	String	Specifies a purge type: `url` : URL purge record `path` : Directory purge record
StartTime	No	Timestamp	Specifies the starting time of the period you want to query, such as `2018-08-08 00:00:00`
EndTime	No	Timestamp	Specifies the end time of the period you want to query, such as 2018-08-08 23:59:59

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TaskId	No	String	Specifies a task ID when you want to query by task ID. You must specify either a task ID or a starting time for your query.
Offset	No	Integer	Offset for paginated queries. Default value: 0
Limit	No	Integer	Limit on paginated queries. Default value: 20
Keyword	No	String	You can filter the results by domain name or a complete URL beginning with `http(s)://`
Status	No	String	Specifies a task state for your query: `fail` : purge failed `done` : purge succeeded `process` : purge in progress
Area	No	String	Specifies a purge region for your query: `mainland` : within Mainland China `overseas` : outside Mainland China `global` : global

3. Output Parameters

Parameter Name	Type	Description
PurgeLogs	Array of PurgeTask	Detailed purge record. Note: This field may return `null` , indicating that no valid value can be obtained.
TotalCount	Integer	Total number of tasks, which is used for pagination. Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying purge history

Input Example

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```
https://cdn.tencentcloudapi.com/?Action=DescribePurgeTasks
&TaskId=1234567
&Area=mainland
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "4d5a83f8-a61f-445b-8036-5636be640bef",
"PurgeLogs": [
{
"TaskId": "153303185323131331",
"Url": "http://www.test.com/",
"Status": "Done",
"PurgeType": "url",
"FlushType": "flush",
"CreateTime": "2018-07-30 18:10:53"
}
],
"TotalCount": 1
}
}
```

5. Developer Resources

SDK

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- 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.CamSystemError	Authentication system internal error.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InternalError.UnknownError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeUrlViolations

Last updated：2023-12-01 16:39:48

1. API Description

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

This API is used to query the list of domain name URLs containing regulation-violating content scanned and detected by the CDN system, and the current status of the URLs.
It corresponds to the **Pornography Detection** page on the CDN 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: DescribeUrlViolations.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Offset	No	Integer	Offset for paginated queries. Default value: 0
Limit	No	Integer	Limit on paginated queries. Default value: 100.
Domains.N	No	Array of String	Specified domain name query

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3. Output Parameters

Parameter Name	Type	Description
UrlRecordList	Array of ViolationUrl	Details of URLs in violation Note: This field may return `null` , indicating that no valid value can be obtained.
TotalCount	Integer	Total number of records, which is used for pagination.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying violation history

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeUrlViolations
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "ptplrss8qqf9x7534noql6",
"UrlRecordList": [
{
"Id": 2256186,
"RealUrl": "http://www.test.com/a.jpeg",
"DownloadUrl": "2019-11-18/2019-11-18-18-26-08-1794844604-29-21-a.jpeg",
"UrlStatus": "forbid",
"CreateTime": "2019-11-17 18:25:47",
"UpdateTime": "2019-11-18 18:06:47"
}
],
"TotalCount": 10
}
}
```

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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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.

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UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribePushQuota

Last updated：2023-12-01 16:39:49

1. API Description

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

This API is used to query the prefetch quota and daily available usage.

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: DescribePushQuota.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
UrlPush	Array of Quota	URL prefetch usage and quota.

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RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying prefetch usage quota

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribePushQuota
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6f5a231e-f629-42fa-a9f0-5a9ebc127c04",
"UrlPush": [
{
"Batch": 1000,
"Total": 10000,
"Available": 10000,
"Area": "mainland"
}
]
}
}
```

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
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribePurgeQuota

Last updated：2023-12-01 16:39:49

1. API Description

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

This API is used to query the purge usage quota and daily available usage for an account.

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: DescribePurgeQuota.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
UrlPurge	Array of Quota	URL purge usage and quota.

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PathPurge	Array of Quota	Directory purge usage and quota.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying purge usage quota

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribePurgeQuota
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "aee6dbe4-f790-417e-8801-5a1894e8fdba",
"UrlPurge": [
{
"Area": "mainland",
"Batch": 1000,
"Total": 10000,
"Available": 10000
},
{
"Area": "overseas",
"Batch": 1000,
"Total": 10000,
"Available": 10000
}
],
"PathPurge": [
{
"Area": "mainland",
"Batch": 39,
"Total": 100,
"Available": 100
},
{
"Area": "overseas",
"Batch": 20,
```

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```
"Total": 100,
"Available": 100
}
]
}
}
```

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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first

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	before using this API.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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Log Query APIs
DescribeCdnDomainLogs

Last updated：2023-12-01 16:39:45

1. API Description

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

This API is used to query the download link of an access log. You can use this API for access logs in the last 30 days either within or outside Mainland China.

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: DescribeCdnDomainLogs.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Specifies a domain name for the query
StartTime	Yes	Timestamp	Starting time, such as `2019-09-04 00:00:00`
EndTime	Yes	Timestamp	End time, such as `2019-09-04 12:00:00`
Offset	No	Integer	Offset for paginated queries. Default value: 0

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Limit	No	Integer	Limit on paginated queries. Default value: 100. Maximum value: 1,000
Area	No	String	Specifies a region for the query. `mainland` : specifies to return the download link of logs on acceleration within Mainland China; `overseas` : specifies to return the download link of logs on acceleration outside Mainland China; `global` : specifies to return a download link of logs on acceleration within Mainland China and a link of logs on acceleration outside Mainland China. Default value: `mainland` .
LogType	No	String	Specifies the type of logs to download (only access logs supported). `access` : Access logs.

3. Output Parameters

Parameter Name	Type	Description
DomainLogs	Array of DomainLog	Download link of the log package. You can open the link to download a .gz log package that contains all log files without extension.
TotalCount	Integer	Total number of entries obtained
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the log download link

This example shows you how to query logs for a specified period.

Input Example

```
POST / HTTP/1.1
Host: cdn.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeCdnDomainLogs
```

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```
<Common request parameters>

{
"Domain": "www.test.com",
"EndTime": "2019-09-04 12:00:00",
"StartTime": "2019-09-04 00:00:00"
}
```

Output Example

```
{
"Response": {
"RequestId": "123",
"DomainLogs": [
{
"Area": "mainland",
"StartTime": "2019-09-04 23:00:00",
"EndTime": "2019-09-04 23:59:59",
"LogPath": "http://www.test.qcloud.com/20190904/23/201909042300-www.test.com.gz?st=hGzJr0QFpo3jYM2uj7kkjA&e=3135214538",
"LogName": "2019090423",
"FileSize": 9999
}
],
"TotalCount": 300
}
}
```

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++

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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
AuthFailure.InvalidAuthorization	Authentication error. Please check and try again.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the

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	domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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StopCdnDomain

StopCdnDomain

Last updated：2023-12-01 16:39:45

1. API Description

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

This API is used to suspend the acceleration service for a domain name.
Note: after the acceleration service has been suspended, requests to the cache node will return a 404 error. In order to avoid impact to your business, please move the domain name to another service before suspending the acceleration service.

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: StopCdnDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Domain name The domain name status should be **Enabled**

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Disabling an acceleration domain name

Input Example

```
https://cdn.tencentcloudapi.com/?Action=StopCdnDomain
&Domain=www.test.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "1fa8b845-ca93-457a-a776-ea7915695648"
}
}
```

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 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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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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnHostHasSpecialConfig	The domain name is configured with special configurations, please submit a ticket.
InvalidParameter.CdnKeyRulesExcludeCustomRequiresFullLego	The configuration is not supported.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.

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ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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StartCdnDomain

Last updated：2023-12-01 16:39:45

1. API Description

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

This API is used to enable the acceleration service for a disabled 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: StartCdnDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Domain name The domain name status should be `Disabled`

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Enabling an acceleration domain name

Input Example

```
https://cdn.tencentcloudapi.com/?Action=StartCdnDomain
&Domain=www.test.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "9c2b0178-6fb5-421d-bdf5-e0bde1c2818a"
}
}
```

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
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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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnCertInfoNotFound	The certificate information is invalid or does not exist. Please check and try again.
InvalidParameter.CdnHostHasSpecialConfig	The domain name is configured with special configurations, please submit a ticket.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
ResourceUnavailable.CdnHostNoIcp	ICP filing is required for the domain name and the synchronization takes 2 hours. If it is already filed, please try later.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostInIcpBlacklist	The domain name is not compliant and cannot be

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	connected.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserInvalidCredential	Service internal error. Please submit a ticket for troubleshooting.
UnauthorizedOperation.CdnUserIsIsolated	The account has been isolated due to arrears. Please pay the bill and try again.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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DeleteCdnDomain

Last updated：2023-12-01 16:39:45

1. API Description

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

This API is used to delete a specified acceleration 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: DeleteCdnDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Domain name The domain name status should be `Disabled`

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

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4. Example

Example1 Deleting an acceleration domain name

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DeleteCdnDomain
&Domain=www.test.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "2346602a-0bbf-409b-922c-ae3071c27594"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Node.js
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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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.TagSystemError	Tag internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnHostHasSpecialConfig	The domain name is configured with special configurations, please submit a ticket.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
ResourceUnavailable.CdnHostIsNotOffline	Domain name is still in use.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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AddCdnDomain

Last updated：2023-12-01 16:39:46

1. API Description

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

This API is used to add a CDN acceleration domain name. Up to 100 domain names can be added per minute.

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: AddCdnDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Domain name
ServiceType	Yes	String	Acceleration domain name service type `web` : Webpage file downloads `download` : Large file downloads `media` : Audio and video on demand acceleration `hybrid` : Dynamic and static content acceleration

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			`dynamic` : Dynamic content acceleration
Origin	Yes	Origin	Origin server configuration
ProjectId	No	Integer	Project ID. Default value: 0, indicating `Default Project`
IpFilter	No	IpFilter	IP blocklist/allowlist
IpFreqLimit	No	IpFreqLimit	IP rate limiting
StatusCodeCache	No	StatusCodeCache	Status code cache
Compression	No	Compression	Smart compression
BandwidthAlert	No	BandwidthAlert	Bandwidth cap configuration
RangeOriginPull	No	RangeOriginPull	Range GETs configuration
FollowRedirect	No	FollowRedirect	301/302 origin-pull follow-redirect configuration
ErrorPage	No	ErrorPage	Error code redirection (in beta)
RequestHeader	No	RequestHeader	Request header configuration
ResponseHeader	No	ResponseHeader	Response header configuration
DownstreamCapping	No	DownstreamCapping	Download speed configuration
CacheKey	No	CacheKey	Node cache key configuration
ResponseHeaderCache	No	ResponseHeaderCache	Header cache configuration
VideoSeek	No	VideoSeek	Video dragging configuration
Cache	No	Cache	Cache validity configuration
OriginPullOptimization	No	OriginPullOptimization	Cross-MLC-border origin-pull optimization
Https	No	Https	HTTPS acceleration
Authentication	No	Authentication	Timestamp hotlink protection
Seo	No	Seo	SEO optimization
ForceRedirect	No	ForceRedirect	Force redirect by access protocol

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Referer	No	Referer	Referer hotlink protection
MaxAge	No	MaxAge	Browser caching (in beta)
Ipv6	No	Ipv6	IPv6 configuration (This feature is in beta and not generally available yet.)
SpecificConfig	No	SpecificConfig	Specific region configuration Applicable to cases where the acceleration domain name configuration differs for regions in and outside mainland China.
Area	No	String	Domain name acceleration region mainland: acceleration inside mainland China overseas: acceleration outside mainland China global: global acceleration Overseas acceleration service must be enabled to use overseas acceleration and global acceleration.
OriginPullTimeout	No	OriginPullTimeout	Origin-pull timeout configuration
Tag.N	No	Array of Tag	Tag configuration
Ipv6Access	No	Ipv6Access	Ipv6 access configuration
OfflineCache	No	OfflineCache	Offline cache
Quic	No	Quic	QUIC access, which is a paid service. You can check the product document and Billing Overview for more information.
AwsPrivateAccess	No	AwsPrivateAccess	Access authentication for S3 origin
OssPrivateAccess	No	OssPrivateAccess	Access authentication for OSS origin
HwPrivateAccess	No	HwPrivateAccess	Origin-pull authentication for Huawei Cloud OBS origin
QnPrivateAccess	No	QnPrivateAccess	Origin-pull authentication for Qiniu Cloud Kodo origin
OthersPrivateAccess	No	OthersPrivateAccess	Origin-pull authentication for other origins
HttpsBilling	No	HttpsBilling	HTTPS (enabled by default), which is a

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			paid service. You can check the product document and Billing Overview for more information.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Adding an acceleration domain name

This example shows you how to add an acceleration domain name.

Input Example

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

{
"Origin": {
"OriginType": "ip",
"Origins": [
"1.1.1.1"
]
},
"ProjectId": "0",
"Domain": "www.test.com",
"ServiceType": "web",
"Area": "mainland"
}
```

Output Example

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```
{
"Response": {
"RequestId": "a4ac88a3-a159-47ac-9b87-19185d7deb09"
}
}
```

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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for

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	troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CamResourceBelongToDifferentUser	Inconsistent resource AppID.
InvalidParameter.CamResourceSixStageError	Incorrect six-segment resource parameter.
InvalidParameter.CamTagKeyAlreadyAttached	The domain name has already been associated with this tag.
InvalidParameter.CamTagKeyIllegal	Invalid characters in the tag key.
InvalidParameter.CamTagKeyNotExist	The tag key does not exist.
InvalidParameter.CamTagValueIllegal	Invalid characters in the tag value.
InvalidParameter.CdnCertInfoNotFound	The certificate information is invalid or does not exist. Please check and try again.
InvalidParameter.CdnConfigInvalidHost	Invalid domain name. Please make sure the domain name is valid.
InvalidParameter.CdnConfigInvalidTag	Invalid tag configuration.
InvalidParameter.CdnConfigTagRequired	Failed to add the domain name. Please make sure to specify a tag for the domain name.
InvalidParameter.CdnHostInternalHost	This domain name belongs to another account. You are not allowed o connect it to CDN.
InvalidParameter.CdnHostIsCosDefaultAccess	It is a COS origin domain name. Please go to the COS console to enable "Default CDN Acceleration Domain".
InvalidParameter.CdnHostTooLongHost	The domain name is too long.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnKeyRulesInvalidQueryStringValue	Invalid field: QueryString. Please check and try again.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.

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LimitExceeded.CamResourceArrayTooLong	The number of resource arrays exceeds the upper limit.
LimitExceeded.CamResourceTooManyTagKey	The number of tag keys exceeds the upper limit. Each resource can have up to 50 tag keys.
LimitExceeded.CamTagKeyTooLong	The tag key length exceeds the upper limit.
LimitExceeded.CamTagKeyTooManyTagValue	The number of tag values exceeds the upper limit. Each tag key can have up to 1,000 tag values.
LimitExceeded.CamTagQuotaExceedLimit	The number of bound tags exceeds the limit.
LimitExceeded.CamUserTooManyTagKey	The number of keys exceeds the upper limit. Each user can have up to 1,000 different keys.
LimitExceeded.CdnConfigTooManyCacheRules	The number of cache validity configuration rules exceeds the limit.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
LimitExceeded.CdnUserTooManyHosts	The number of domain names under the account has reached the upper limit. Please submit a ticket for assistance.
ResourceInUse.CdnConflictHostExists	The domain name conflicts with an existing domain name in the system.
ResourceInUse.CdnHostExists	Domain name already exists.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CamTagKeyNotExist	The tag key does not exist.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceUnavailable.CdnHostExistsInDsa	The DSA feature is enabled for the domain name.
ResourceUnavailable.CdnHostExistsInTcb	The domain name has been connected in the TCB console.
ResourceUnavailable.CdnHostIsMalicious	The domain name is not compliant and cannot be connected.

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ResourceUnavailable.CdnHostNoIcp	ICP filing is required for the domain name and the synchronization takes 2 hours. If it is already filed, please try later.
ResourceUnavailable.HostExistInVod	The domain name has been connected to VOD. To access CDN, please delete it from VOD first.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnDomainRecordNotVerified	The domain name has not been verified.
UnauthorizedOperation.CdnHostExistsInInternal	The domain name already exists in the system. Please submit a ticket.
UnauthorizedOperation.CdnHostInIcpBlacklist	The domain name is not compliant and cannot be connected.
UnauthorizedOperation.CdnHostIsOwnedByOther	This domain name belongs to another account, and you do not have permission to connect it.
UnauthorizedOperation.CdnHostIsUsedByOther	The domain name has been connected by another account. For more information, please submit a ticket.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsIsolated	The account has been isolated due to arrears. Please pay the bill and try again.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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Configuration Management APIs
ModifyDomainConfig

Last updated：2023-12-01 16:39:49

1. API Description

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

This API is used to modify the configuration of a CDN acceleration domain name in a finer manner than `UpdateDomainConfig` .
Notes:
In `Route` , separate values by dots (.). The last value is called a leaf node. For non-leaf nodes, keep the configuration unchanged.
The Value field is serialized to a JSON string {key:value}, where **key** is fixed to `update` and **value** is used to specify the value of the configuration parameter. To specify configurations with complex types, see https://www.tencentcloud.com/document/product/228/41116.?from_cn_redirect=1
The input parameters of this API are not reported to CloudAudit as it may contain sensitive data, such as keys and secrets.

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: ModifyDomainConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.

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Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	The domain name.
Route	Yes	String	Name of the configuration parameter.
Value	Yes	String	Value of the configuration parameter. This field is serialized to a JSON string {key:value}, where **key** is fixed to `update` .

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Modifying the HTTPS server certificate

This example shows you how to modify the HTTPS server certificate. A certificate ID is auto-generated when the certificate is added to Tencent Cloud SSL Certificates.

Input Example

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

{
"Domain": "www.test.com",
"Route": "Https.CertInfo.CertId",
"Value": "{\"update\":\"0VpOXiPz\"}"
}
```

Output Example

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

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```
"RequestId": "56a166ec-d784-4001-a850-7d62a5c07971"
}
}
```

Example2 Modifying the origin connection timeout threshold

This example shows you how to modify the timeout threshold of establishing a connection with the origin.

Input Example

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

{
"Domain": "www.test.com",
"Route": "OriginPullTimeout.ConnectTimeout",
"Value": "{\"update\":10}"
}
```

Output Example

```
{
"Response": {
"RequestId": "23cd4005-496f-4bc4-87d8-ab348d5b0c11"
}
}
```

Example3 Modifying the origin-pull timeout

This example shows you how to modify the timeout threshold of pulling resources from the origin.

Input Example

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

{
"Domain": "www.test.com",
"Route": "OriginPullTimeout",
```

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```
"Value": "{\"update\":{\"ConnectTimeout\":10,\"ReceiveTimeout\":10}}"
}
```

Output Example

```
{
"Response": {
"RequestId": "23cd4005-496f-4bc4-87d8-ab348d5b0c21"
}
}
```

Example4 Modifying the configuration of a domain name

This example shows how to modify the configuration of a domain name.

Input Example

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

{
"Domain": "www.test.com",
"Route": "Origin.Origins",
"Value": "{\"update\":[\"1.1.1.1\"]}"
}
```

Output Example

```
{
"Response": {
"RequestId": "eb029ee0-7e91-4a18-86f3-7fac952a446e"
}
}
```

5. Developer Resources

SDK

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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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.

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InternalError.InvalidErrorCode	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.AccessPortOpenedHttps	The access port 443 must be enabled for HTTPS configuration.
InvalidParameter.BandLimitRequiredMainland	Please delete the rate limiting configuration before you switch the acceleration region.
InvalidParameter.BandwidthAlertCounterMeasureConflictOriginType	Tencent Cloud COS and third-party object storage origins only support "Return 404". Please modify and try again.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnCertInfoNotFound	The certificate information is invalid or does not exist. Please check and try again.
InvalidParameter.CdnConfigInvalidCache	Invalid cache configuration. Please check and try again.
InvalidParameter.CdnHostInvalidMiddleConfig	Incorrect intermediate server configuration.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnInvalidParamServiceType	Invalid field: ServiceType. Please check and try again.
InvalidParameter.CdnKeyRulesExcludeCustomRequiresFullLego	The configuration is not supported.
InvalidParameter.CdnKeyRulesInvalidQueryStringValue	Invalid field: QueryString. Please check and try again.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.

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InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
InvalidParameter.PathRegexTooManySubPattern	The maximum number of regex sub-patterns is exceeded.
InvalidParameter.RemoteAuthInvalidPlatform	This platform does not support remote authentication.
InvalidParameter.RemoteAuthInvalidProtocol	This platform does not support remote access to an authentication address via the HTTPS protocol.
LimitExceeded.CdnConfigTooManyCacheRules	The number of cache validity configuration rules exceeds the limit.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceInUse.CdnHostExists	Domain name already exists.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.EcdnDomainNotExists	The domain name does not exist. Please check and try again.
ResourceUnavailable.CdnHostBelongsToOthersInMainland	The domain name has been connected to the Mainland China service region. If you need to switch the service region to "Global", please verify its ownership for domain name retrieval.
ResourceUnavailable.CdnHostBelongsToOthersInOverseas	The domain name has been connected to the service region outside Mainland China. If you need to switch the service region to "Global", please verify its ownership for domain name retrieval.
ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
ResourceUnavailable.CdnHostIsNotOffline	Domain name is still in use.

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ResourceUnavailable.CdnHostNoIcp	ICP filing is required for the domain name and the synchronization takes 2 hours. If it is already filed, please try later.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostInIcpBlacklist	The domain name is not compliant and cannot be connected.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsIsolated	The account has been isolated due to arrears. Please pay the bill and try again.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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UpdateDomainConfig

Last updated：2023-12-01 16:39:49

1. API Description

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

This API is used to modify the configuration of CDN acceleration domain names.
Note: To update complex configuration items, all attributes of the object must be specified, or the default values are used. We recommend calling the querying API to get attributes before modifying and passing them to this API.
The input parameters of this API are not reported to CloudAudit as it may contain sensitive data, such as keys and secrets.

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: UpdateDomainConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Domain name
ProjectId	No	Integer	Project ID
Origin	No	Origin	Origin server configuration

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IpFilter	No	IpFilter	IP blocklist/allowlist configuration
IpFreqLimit	No	IpFreqLimit	IP access limit configuration
StatusCodeCache	No	StatusCodeCache	Status code cache configuration
Compression	No	Compression	Smart compression configuration
BandwidthAlert	No	BandwidthAlert	Bandwidth cap configuration
RangeOriginPull	No	RangeOriginPull	Range GETs configuration
FollowRedirect	No	FollowRedirect	301/302 origin-pull follow-redirect configuration
ErrorPage	No	ErrorPage	Error code redirect configuration (This feature is in beta and not generally available yet.)
RequestHeader	No	RequestHeader	Origin-pull request header configuration.
ResponseHeader	No	ResponseHeader	Response header configuration
DownstreamCapping	No	DownstreamCapping	Download speed configuration
CacheKey	No	CacheKey	Node cache key configuration
ResponseHeaderCache	No	ResponseHeaderCache	Header cache configuration
VideoSeek	No	VideoSeek	Video dragging configuration
Cache	No	Cache	Cache expiration time configuration
OriginPullOptimization	No	OriginPullOptimization	(Disused) Cross-border linkage optimization\
Https	No	Https	HTTPS acceleration configuration
Authentication	No	Authentication	Timestamp hotlink protection configuration
Seo	No	Seo	SEO configuration
ForceRedirect	No	ForceRedirect	Protocol redirect configuration
Referer	No	Referer	Referer configuration
MaxAge	No	MaxAge	Browser cache configuration (This feature is in beta and not generally

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			available yet.)
SpecificConfig	No	SpecificConfig	Specific-region special configuration Applicable to cases where the acceleration domain name configuration differs for regions in and outside the Chinese mainland.
ServiceType	No	String	Domain name service type `web` : Static acceleration `download` : Download acceleration `media` : Streaming media VOD acceleration
Area	No	String	Domain name acceleration region `mainland` : Acceleration inside the Chinese mainland `overseas` : Acceleration outside the Chinese mainland `global` : Acceleration over the globe After switching to global acceleration, configurations of the domain name will be deployed to the region inside or outside the Chinese mainland. The deployment will take some time as this domain name has special settings.
OriginPullTimeout	No	OriginPullTimeout	Origin-pull timeout configuration
AwsPrivateAccess	No	AwsPrivateAccess	Access authentication for S3 origin
UserAgentFilter	No	UserAgentFilter	UA blocklist/allowlist configuration
AccessControl	No	AccessControl	Access control
UrlRedirect	No	UrlRedirect	URL rewriting configuration
AccessPort.N	No	Array of Integer	Access port configuration
AdvancedAuthentication	No	AdvancedAuthentication	Timestamp hotlink protection advanced configuration (allowlist feature)
OriginAuthentication	No	OriginAuthentication	Origin-pull authentication advanced configuration (allowlist feature)
Ipv6Access	No	Ipv6Access	IPv6 access configuration

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OfflineCache	No	OfflineCache	Offline cache
OriginCombine	No	OriginCombine	Merging pull requests
PostMaxSize	No	PostSize	Post transport configuration
Quic	No	Quic	QUIC access, which is a paid service. You can check the product document and Billing Overview for more information.
OssPrivateAccess	No	OssPrivateAccess	Access authentication for OSS origin
WebSocket	No	WebSocket	WebSocket configuration
RemoteAuthentication	No	RemoteAuthentication	Remote authentication configuration
ShareCname	No	ShareCname	Shared CNAME configuration (only available to beta users)
HwPrivateAccess	No	HwPrivateAccess	Access authentication for Huawei Cloud OBS origin
QnPrivateAccess	No	QnPrivateAccess	Access authentication for QiNiu Cloud Kodo origin
OthersPrivateAccess	No	OthersPrivateAccess	Origin-pull authentication for other origins
HttpsBilling	No	HttpsBilling	HTTPS, which is a paid service. You can check the product document and Billing Overview for more information.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Updating domain name configurations

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This example shows you how to update domain name configurations.

Input Example

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

{
"ProjectId": "0",
"Domain": "www.test.com"
}
```

Output Example

```
{
"Response": {
"RequestId": "23cd4005-496f-4bc4-87d8-ab348d5b0c17"
}
}
```

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

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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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.InvalidErrorCode	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.AccessPortOpenedHttps	The access port 443 must be enabled for HTTPS configuration.
InvalidParameter.BandLimitRequiredMainland	Please delete the rate limiting configuration before you switch the acceleration region.
InvalidParameter.BandwidthAlertCounterMeasureConflictOriginType	Tencent Cloud COS and third-party object storage origins only support "Return 404". Please modify and try again.

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InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnCertInfoNotFound	The certificate information is invalid or does not exist. Please check and try again.
InvalidParameter.CdnConfigInvalidCache	Invalid cache configuration. Please check and try again.
InvalidParameter.CdnHostInvalidMiddleConfig	Incorrect intermediate server configuration.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnInvalidParamServiceType	Invalid field: ServiceType. Please check and try again.
InvalidParameter.CdnKeyRulesExcludeCustomRequiresFullLego	The configuration is not supported.
InvalidParameter.CdnKeyRulesInvalidQueryStringValue	Invalid field: QueryString. Please check and try again.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
InvalidParameter.PathRegexTooManySubPattern	The maximum number of regex sub-patterns is exceeded.
InvalidParameter.RemoteAuthInvalidPlatform	This platform does not support remote authentication.
InvalidParameter.RemoteAuthInvalidProtocol	This platform does not support remote access to an authentication address via the HTTPS protocol.
LimitExceeded.CdnConfigTooManyCacheRules	The number of cache validity configuration rules exceeds the limit.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too

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	frequent.
OperationDenied.ShareCacheAreaDnsNotMatch	Inconsistent domain name. Please select again or submit a ticket.
ResourceInUse.CdnHostExists	Domain name already exists.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.EcdnDomainNotExists	The domain name does not exist. Please check and try again.
ResourceUnavailable.CdnHostBelongsToOthersInMainland	The domain name has been connected to the Mainland China service region. If you need to switch the service region to "Global", please verify its ownership for domain name retrieval.
ResourceUnavailable.CdnHostBelongsToOthersInOverseas	The domain name has been connected to the service region outside Mainland China. If you need to switch the service region to "Global", please verify its ownership for domain name retrieval.
ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
ResourceUnavailable.CdnHostIsNotOffline	Domain name is still in use.
ResourceUnavailable.CdnHostNoIcp	ICP filing is required for the domain name and the synchronization takes 2 hours. If it is already filed, please try later.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostInIcpBlacklist	The domain name is not compliant and cannot be connected.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.

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UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsIsolated	The account has been isolated due to arrears. Please pay the bill and try again.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeDomainsConfig

Last updated：2023-12-01 16:39:49

1. API Description

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

This API is used to query the complete configuration information of CDN acceleration domain names (inside and outside mainland China).

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: DescribeDomainsConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Offset	No	Integer	Offset for paginated queries. Default value: 0
Limit	No	Integer	Limit on paginated queries. Default value: 100. Maximum value: 1000.
Filters.N	No	Array of DomainFilter	Query condition filter, complex type.
Sort	No	Sort	Sorting rules

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3. Output Parameters

Parameter Name	Type	Description
Domains	Array of DetailDomain	List of domain names
TotalNumber	Integer	Number of domain names that match the specified query conditions Used for paginated queries
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the domain name configuration

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeDomainsConfig
&Offset=0
&Limit=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "07f7dd0b-3936-4bdb-9a85-92b4e20d1b03",
"Domains": [
{
"AccessControl": {
"Switch": "off",
"AccessControlRules": [],
"ReturnCode": 403
},
"AccessPort": [
80,
8080,
443
```

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```
],
"Advance": "on",
"AdvanceSet": [
{
"Name": "edge",
"Value": "on"
},
{
"Name": "last",
"Value": "off"
},
{
"Name": "full",
"Value": "off"
},
{
"Name": "quic",
"Value": "off"
}
],
"AdvancedAuthentication": {
"Switch": "off",
"TypeA": null,
"TypeB": null,
"TypeC": null,
"TypeD": null,
"TypeE": null,
"TypeF": null
},
"AppId": 123456789,
"Area": "global",
"Authentication": {
"Switch": "off",
"TypeA": null,
"TypeB": null,
"TypeC": null,
"TypeD": null
},
"AwsPrivateAccess": {
"Switch": "off",
"AccessKey": "",
"SecretKey": ""
},
"BandwidthAlert": {
"Switch": "off",
"BpsThreshold": 10000000000,
"CounterMeasure": "RETURN_404",
```


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```
"LastTriggerTime": null
},
"Cache": {
"RuleCache": [
{
"CacheConfig": {
"Cache": {
"CacheTime": 86400,
"CompareMaxAge": "off",
"IgnoreCacheControl": "off",
"IgnoreSetCookie": "off",
"Switch": "on"
},
"NoCache": {
"Switch": "off",
"Revalidate": "off"
},
"FollowOrigin": {
"Switch": "off"
}
},
"RulePaths": [
"*"
],
"RuleType": "all"
}
],
"SimpleCache": null,
"AdvancedCache": null
},
"CacheKey": {
"FullUrlCache": "off",
"CacheTag": {
"Switch": "off",
"Value": null
},
"Cookie": {
"Switch": "off",
"Value": ""
},
"Header": {
"Switch": "off",
"Value": ""
},
"IgnoreCase": "off",
"KeyRules": [
{
```


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```
"FullUrlCache": "on",
"IgnoreCase": "off",
"QueryString": {
"Switch": "off",
"Action": null,
"Value": ""
},
"RulePaths": [
".1"
],
"RuleType": "file",
"RuleTag": "user"
}
],
"QueryString": {
"Switch": "off",
"Reorder": "off",
"Action": null,
"Value": ""
},
"Scheme": {
"Switch": "off"
}
},
"Cname": "www.test.com.cdn.dnsv1.com",
"Compatibility": {
"Code": 0
},
"Compression": {
"Switch": "on",
"CompressionRules": [
{
"Compress": true,
"FileExtensions": [
"js",
"html",
"css",
"xml",
"json",
"shtml",
"htm"
],
"MinLength": 256,
"MaxLength": 2097152,
"Algorithms": [
"gzip"
]
```


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```
}
]
},
"CreateTime": "2020-12-14 21:14:36",
"Disable": "normal",
"Domain": "www.test.com",
"DownstreamCapping": {
"Switch": "off",
"CappingRules": []
},
"ErrorPage": {
"Switch": "off",
"PageRules": []
},
"FollowRedirect": {
"Switch": "off"
},
"ForceRedirect": {
"Switch": "off",
"RedirectType": "http",
"RedirectStatusCode": 302,
"CarryHeaders": "off"
},
"Https": {
"Switch": "off",
"Http2": "off",
"Spdy": "off",
"OcspStapling": "off",
"VerifyClient": "off",
"CertInfo": null,
"ClientCertInfo": null,
"TlsVersion": [
"TLSv1",
"TLSv1.1",
"TLSv1.2"
],
"Hsts": {
"Switch": "off",
"MaxAge": 0,
"IncludeSubDomains": "off"
},
"SslStatus": "closed"
},
"ImageOptimization": {
"WebpAdapter": {
"Switch": "off"
},
```


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```
"TpgAdapter": {
"Switch": "off"
},
"GuetzliAdapter": {
"Switch": "off"
}
},
"IpFilter": {
"Switch": "off",
"FilterType": "blacklist",
"Filters": [],
"FilterRules": []
},
"IpFreqLimit": {
"Switch": "off",
"Qps": null
},
"Ipv6": {
"Switch": "off"
},
"Ipv6Access": {
"Switch": "off"
},
"MaxAge": {
"MaxAgeRules": [
{
"MaxAgeType": "all",
"MaxAgeContents": [
"*"
],
"MaxAgeTime": 0,
"FollowOrigin": "on"
}
],
"Switch": "on"
},
"OfflineCache": {
"Switch": "off"
},
"Origin": {
"Origins": [
"1.1.1.1"
],
"OriginType": "ip",
"ServerName": "www.a.com",
"CosPrivateAccess": "off",
"OriginPullProtocol": "http",
```


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```
"BackupOrigins": [
"2.2.2.2"
],
"BackupOriginType": "ip",
"BackupServerName": "www.a.com",
"PathRules": [],
"BasePath": null,
"PathBasedOrigin": [],
"Sni": {
"Switch": "off",
"ServerName": null
}
},
"OriginAuthentication": null,
"OriginCombine": {
"Switch": "off"
},
"OriginPullOptimization": {
"Switch": "off",
"OptimizationType": ""
},
"OriginPullTimeout": {
"ConnectTimeout": 5,
"ReceiveTimeout": 10
},
"PostMaxSize": {
"Switch": "off",
"MaxSize": 33554432
},
"ProjectId": 0,
"Quic": {
"Switch": "off"
},
"RangeOriginPull": {
"Switch": "off"
},
"Readonly": "normal",
"Referer": {
"Switch": "off",
"RefererRules": [
{
"RuleType": "all",
"RulePaths": [
"*"
],
"RefererType": "whitelist",
"Referers": [
```


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```
"1.1.1.1"
],
"AllowEmpty": false
}
]
},
"RequestHeader": {
"Switch": "off",
"HeaderRules": []
},
"ResourceId": "cdn-5ndlcoas",
"ResponseHeader": {
"HeaderRules": [],
"Switch": "off"
},
"ResponseHeaderCache": {
"Switch": "on"
},
"SecurityConfig": {
"Switch": "off"
},
"Seo": {
"Switch": "off"
},
"ServiceType": "web",
"SpecificConfig": {
"Mainland": null,
"Overseas": null
},
"Status": "online",
"StatusCodeCache": {
"CacheRules": [
{
"StatusCode": "403",
"CacheTime": 0
}
],
"Switch": "on"
},
"Tag": [
{
"TagKey": "testfornewtag",
"TagValue": "brandnew"
},
{
"TagKey": "zzz",
"TagValue": "aaa"
```


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```
}
],
"UpdateTime": "2021-03-16 21:04:04",
"UrlRedirect": {
"Switch": "off",
"PathRules": []
},
"UserAgentFilter": {
"Switch": "off",
"FilterRules": []
},
"VideoSeek": {
"Switch": "off"
},
"OssPrivateAccess": null,
"WebSocket": null,
"RemoteAuthentication": null,
"ShareCname": null,
"ParentHost": null,
"RuleEngine": null
}
],
"TotalNumber": 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

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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
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnCertNoCertInfo	Invalid certificate. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.

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ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeDomains

Last updated：2023-12-01 16:39:50

1. API Description

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

This API is used to query the basic configuration information of CDN acceleration domain names (inside and outside mainland China), including the project ID, service status, service type, creation time, and update time, etc.

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: DescribeDomains.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Offset	No	Integer	Offset for paginated queries. Default value: 0
Limit	No	Integer	Limit on paginated queries. Default value: 100. Maximum value: 1000.
Filters.N	No	Array of DomainFilter	Query condition filter, which supports complex type.

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3. Output Parameters

Parameter Name	Type	Description
Domains	Array of BriefDomain	List of domain names
TotalNumber	Integer	The number of domain names that matched the query conditions Used for paginated queries
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying basic domain name information

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeDomains
&Offset=0
&Limit=1
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "64085ba1-4f77-437c-824d-55a188ab1386",
"Domains": [
{
"Area": "mainland",
"Cname": "www.test.com.cdn.dnsv1.com",
"CreateTime": "2019-11-15 15:20:46",
"Disable": "normal",
"Domain": "www.test.com",
"Product": "cdn",
"ParentHost": "",
"Origin": {
"Origins": [
"test-1251000004.cos.ap-chengdu.myqcloud.com"
],
```

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```
"OriginType": "cos",
"ServerName": "test-1251000004.cos.ap-chengdu.myqcloud.com",
"CosPrivateAccess": "off",
"OriginPullProtocol": "http",
"BackupOrigins": [],
"BackupOriginType": null,
"BackupServerName": null
},
"ProjectId": 0,
"Readonly": "normal",
"ResourceId": "cdn-knocwo77",
"ServiceType": "web",
"Status": "offline",
"UpdateTime": "2019-12-04 11:13:09"
}
],
"TotalNumber": 201
}
}
```


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
AuthFailure.InvalidAuthorization	Authentication error. Please check and try again.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQuerySystemError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.

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UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.
UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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Real-time Log APIs
SearchClsLog

Last updated：2023-12-01 16:39:42

1. API Description

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

This API is used to search for CLS logs. Search filters can be set to today, 24 hours (one of the last 7 days), and the last 7 days.

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: SearchClsLog.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
LogsetId	Yes	String	ID of logset to be queried
TopicIds	Yes	String	List of IDs of log topics to be queried, separated by commas
StartTime	Yes	Timestamp	Query start time in the format of YYYY-mm-dd HH:MM:SS
EndTime	Yes	Timestamp	Query end time in the format of YYYY-mm-dd HH:MM:SS
Limit	Yes	Integer	Number of logs to be returned at a time. Maximum value: 100

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Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn` .
Query	No	String	Query statement. For more details, see [https://www.tencentcloud.com/document/product/614/16982?from_cn_redirect=1].
Context	No	String	This field is used when loading more results. Pass through the last `context` value returned to get more log content. Up to 10,000 logs can be obtained through the cursor. Please narrow down the time range as much as possible.
Sort	No	String	Sorting by log time. Valid values: asc (ascending), desc (descending). Default value: desc

3. Output Parameters

Parameter Name	Type	Description
Logs	ClsSearchLogs	Query results
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Searching for logs

Input Example

```
https://cdn.tencentcloudapi.com/?Action=SearchClsLog
&Channel=cdn
&LogsetId=4242424-8723-45e3-9c75-a0599ef9143a
&TopicIds=57460798-8723-45e3-9c75-a0599ef9143a,57460798-8723-45e3-9c75-22242141
&StartTime=2019-11-18 00:00:00
&EndTime=2019-11-18 02:00:00
&Query=abc
&Limit=10
&<Common request parameters>
```

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Output Example


```
{
"Response": {
"RequestId": "242144aeff-8723-45e3-9c75-a0599ef9143a",
"Logs": {
"Context": "2e1414",
"Listover": false,
"Results": [
{
"TopicId": "57460798-8723-45e3-9c75-a0599ef9143a",
"TopicName": "test_topic",
"Timestamp": "2019-11-18 00:00:00",
"Content": "abcdafaf",
"Filename": "",
"Source": ""
}
]
}
}
}
```


5. Developer Resources

SDK

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- 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

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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.CamSystemError	Authentication system internal error.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsInvalidParam	Parameter error. Please check and try again.
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.

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LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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ManageClsTopicDomains

Last updated：2023-12-01 16:39:43

1. API Description

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

This API is used to manage the list of domain names bound to a log topic.

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: ManageClsTopicDomains.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
LogsetId	Yes	String	Logset ID
TopicId	Yes	String	Log topic ID
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn`.
DomainAreaConfigs.N	No	Array of DomainAreaConfig	Domain name region configuration. Note: if this field is empty, it means to unbind all domain names from the corresponding topic

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Managing the list of domain names under log topic

Input Example

```
https://cdn.tencentcloudapi.com/?Action=ManageClsTopicDomains
&Channel=cdn
&LogsetId=6d04373b-ba59-4a4f-a96e-9fe53b59a536
&TopicId=d2256449-c6ff-421b-93ef-aa3a7dde2de2
&DomainAreaConfigs.0.Domain=a.b.com
&DomainAreaConfigs.0.Area.0=mainland
&DomainAreaConfigs.0.Area.1=overseas
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "57460798-8723-45e3-9c75-a0599ef9143a"
}
}
```

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 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
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.

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InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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ListClsTopicDomains

Last updated：2023-12-01 16:39:43

1. API Description

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

This API is used to get the list of domain names bound to a log topic.

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: ListClsTopicDomains.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
LogsetId	Yes	String	Logset ID
TopicId	Yes	String	Log topic ID
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn` .

3. Output Parameters

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Parameter Name	Type	Description
AppId	Integer	Developer ID
Channel	String	Channel
LogsetId	String	Logset ID
TopicId	String	Log topic ID
DomainAreaConfigs	Array of DomainAreaConfig	Domain name region configuration, which may contain deleted domain names. If this is to be used in `ManageClsTopicDomains` API, you need to exclude deleted domain names by using the `ListCdnDomains` API.
TopicName	String	Log topic name
UpdateTime	Timestamp	Last modified time of log topic Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Getting the list of domain names bound to topic

Input Example

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

{
"TopicId": "d2256449-c6ff-421b-93ef-aa3a7dde2de2",
"LogsetId": "6d04373b-ba59-4a4f-a96e-9fe53b59a536",
"Channel": "cdn"
}
```

Output Example

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```
{
"Response": {
"TopicId": "d2256449-c6ff-421b-93ef-aa3a7dde2de2",
"UpdateTime": "2020-09-22 00:00:00",
"TopicName": "test",
"DomainAreaConfigs": [
{
"Domain": "a.b.com",
"Area": [
"mainland"
]
}
],
"RequestId": "57460798-8723-45e3-9c75-a0599ef9143a",
"AppId": 12345678901,
"LogsetId": "6d04373b-ba59-4a4f-a96e-9fe53b59a536",
"Channel": "cdn"
}
}
```


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

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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.CamSystemError	Authentication system internal error.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.

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LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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ListClsLogTopics

Last updated：2023-12-01 16:39:43

1. API Description

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

This API is used to display the list of log topics. Note: a logset can contain up to 10 log topics.

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: ListClsLogTopics.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn` .

3. Output Parameters

Parameter Name	Type	Description
Logset	LogSetInfo	Information of logsets in the Shanghai region

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Topics	Array of TopicInfo	Information of log topics in the Shanghai region Note: this field may return `null` , indicating that no valid values can be obtained.
ExtraLogset	Array of ExtraLogset	Information on logsets in regions except Shanghai Note: this field may return `null` , indicating that no valid values can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the list of log topics

Input Example

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

{
"Channel": "cdn"
}
```

Output Example

```
{
"Response": {
"RequestId": "44d5b2d4-092c-4a4a-971e-07d9e536ccc1",
"Logset": {
"AppId": 1242424252,
"Channel": "cdn",
"Region": "ap-shanghai",
"LogsetId": "44d5b2d4-092c-4a4a-971e-07d9e536ccc3",
"LogsetName": "cdn_logset",
"IsDefault": 1,
"LogsetSavePeriod": 7,
"CreateTime": "2020-09-22 00:00:00",
"RegionEn": "ap-shanghai",
"Deleted": "no"
},
```

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```
"Topics": [
{
"TopicId": "def811bf-867e-405c-bbc2-2a3aea45be21",
"TopicName": "cdn_topic",
"Enabled": 1,
"CreateTime": "2020-09-22 00:00:00",
"Deleted": "no"
},
{
"TopicId": "e0f6809f-026f-4287-b33f-8041a82188cf",
"TopicName": "cdn_topic2",
"Enabled": 1,
"CreateTime": "2020-09-22 00:00:00",
"Deleted": "no"
},
{
"TopicId": "fcfb346d-100d-454c-adc6-bdf2a2af0515",
"TopicName": "cdn_topic1",
"Enabled": 1,
"CreateTime": "2020-09-22 00:00:00",
"Deleted": "no"
}
],
"ExtraLogset": [
{
"Logset": {
"AppId": 1306270566,
"Channel": "cdn",
"LogsetId": "de5965b4-b371-4a5e-86ad-f2d2f9988a4d",
"LogsetName": "cloud_cdn_logset_oversea",
"IsDefault": 0,
"LogsetSavePeriod": 7,
"CreateTime": "2021-10-20 17:22:21",
"Region": "ap-singapore",
"RegionEn": "ap-singapore",
"Deleted": "no"
},
"Topics": [
{
"TopicId": "a9619e5a-2387-46bd-83c8-89b133f20f4a",
"TopicName": "jory-test",
"Enabled": 1,
"CreateTime": "2021-10-27 15:17:10",
"Deleted": "no",
"Channel": "cdn"
},
{
```


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```
"TopicId": "58474924-8b34-4e26-aa03-b23202007ea6",
"TopicName": "jory-oversea",
"Enabled": 1,
"CreateTime": "2021-10-26 21:06:24",
"Deleted": "no",
"Channel": "cdn"
}
]
}
]
}
}
```


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.CamSystemError	Authentication system internal error.

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InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InternalError.InvalidErrorCode	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.

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LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsServiceNotActivated	You have not activated CLS service. Please activate it in the CLS console first.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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EnableClsLogTopic

Last updated：2023-12-01 16:39:43

1. API Description

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

This API is used to start publishing to a log topic. Note: after a log topic is enabled, all logs of the domain names bound to the topic will be published to it. This action will take effect within 5–15 minutes.

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: EnableClsLogTopic.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
LogsetId	Yes	String	Logset ID
TopicId	Yes	String	Log topic ID
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn` .

3. Output Parameters

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Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Starting publishing to a log topic

Input Example

```
https://cdn.tencentcloudapi.com/?Action=EnableClsLogTopic
&Channel=cdn
&LogsetId=6d04373b-ba59-4a4f-a96e-9fe53b59a536
&TopicId=d2256449-c6ff-421b-93ef-aa3a7dde2de2
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "57460798-8723-45e3-9c75-a0599ef9143a"
}
}
```

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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.

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LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DisableClsLogTopic

Last updated：2023-12-01 16:39:43

1. API Description

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

This API is used to stop publishing to a log topic. Note: after a log topic is disabled, all logs of the domain names bound to it will no longer be published to the topic, and the logs that have already been published will be retained. This action will take effect within 5–15 minutes.

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: DisableClsLogTopic.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
LogsetId	Yes	String	Logset ID
TopicId	Yes	String	Log topic ID
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn` .

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Stopping publishing to a log topic

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DisableClsLogTopic
&Channel=cdn
&LogsetId=6d04373b-ba59-4a4f-a96e-9fe53b59a536
&TopicId=d2256449-c6ff-421b-93ef-aa3a7dde2de2
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "57460798-8723-45e3-9c75-a0599ef9143a"
}
}
```

5. Developer Resources

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- 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

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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.

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InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DeleteClsLogTopic

Last updated：2023-12-01 16:39:43

1. API Description

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

This API is used to delete a log topic. Note: when a log topic is deleted, all logs of the domain names bound to it will no longer be published to the topic, and the logs previously published to the topic will be deleted. This action will take effect within 5–15 minutes.

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: DeleteClsLogTopic.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
TopicId	Yes	String	Log topic ID
LogsetId	Yes	String	Logset ID
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn` .

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Deleting a log topic

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DeleteClsLogTopic
&Channel=cdn
&LogsetId=6d04373b-ba59-4a4f-a96e-9fe53b59a536
&TopicId=6d04373b-ba59-4a4f-a96e-242424
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "6d04373b-ba59-4a4f-a96e-9fe53b59a536"
}
}
```

5. Developer Resources

SDK

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- 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
InternalError.ClsInternalError	CLS internal error.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.

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LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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CreateClsLogTopic

Last updated：2023-12-01 16:39:44

1. API Description

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

This API is used to create a log topic. Up to 10 log topics can be created under one logset.

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: CreateClsLogTopic.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
TopicName	Yes	String	Log topic name
LogsetId	Yes	String	Logset ID
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn`.
DomainAreaConfigs.N	No	Array of DomainAreaConfig	Domain name region information

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3. Output Parameters

Parameter Name	Type	Description
TopicId	String	Topic ID Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a log topic

Input Example

```
https://cdn.tencentcloudapi.com/?Action=CreateClsLogTopic
&Channel=cdn
&TopicName=test
&LogsetId=57460798-8723-45e3-9c75-a0599ef9143a
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "57460798-8723-45e3-9c75-a0599ef9143a",
"TopicId": "123-456-789"
}
}
```

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.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNameInvalid	Invalid topic name.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.

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InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.CdnUserIsIsolated	The account has been isolated due to arrears. Please pay the bill and try again.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsServiceNotActivated	You have not activated CLS service. Please activate it in the CLS console first.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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AddCLSTopicDomains

Last updated：2023-12-01 16:39:44

1. API Description

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

This API is used to add one or more domains to a specified log topic.

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: AddCLSTopicDomains.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
LogsetId	Yes	String	Logset ID
TopicId	Yes	String	Log topic ID
DomainAreaConfigs.N	Yes	Array of DomainAreaConfig	Region configuration for domains
Channel	No	String	Specifies whether to access CDN or ECDN. Valid values: `cdn` (default) and `ecdn`.

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3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Adding one or more domains to a specified log topic

Input Example

```
https://cdn.tencentcloudapi.com/?Action=AddCLSTopicDomains
&LogsetId=6d04373b-ba59-4a4f-a96e-9fe53b59a536
&TopicId=d2256449-c6ff-421b-93ef-aa3a7dde2de2
&DomainAreaConfigs.0.Domain=a.b.com
&DomainAreaConfigs.0.Area.0=mainland
&DomainAreaConfigs.0.Area.1=overseas
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "57460798-8723-45e3-9c75-a0599ef9143a"
}
}
```

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

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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.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNameInvalid	Invalid topic name.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .

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InvalidParameter.ClsInvalidParam	Parameter error. Please check and try again.
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsServiceNotActivated	You have not activated CLS service. Please activate it in the CLS console first.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.ClsNotAllowed	The operation is not allowed.

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Secure Content Delivery Network APIs UpdateScdnDomain

Last updated：2023-12-01 16:39:42

1. API Description

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

This API is used to modify security configurations of SCDN acceleration 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: UpdateScdnDomain.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Domain	Yes	String	Domain name
Waf	No	ScdnWafConfig	WAF configuration
Acl	No	ScdnAclConfig	Custom defense policy configuration
CC	No	ScdnConfig	CC attack defense configurations. CC attack defense is enabled by default.

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Ddos	No	ScdnDdosConfig	DDoS defense configuration. DDoS defense is enabled by default.
Bot	No	ScdnBotConfig	Bot defense configuration

3. Output Parameters

Parameter Name	Type	Description
Result	String	Result of the request. `Success` indicates that the configurations are updated.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Modifying SCDN domain name configuration

This example shows you how to modify SCDN domain name configuration.

Input Example

```
https://cdn.tencentcloudapi.com/?Action=UpdateScdnDomain
&Domain=www.test.com
&Acl.Switch=on
&Acl.ScriptData.0.RuleName=test
&Acl.ScriptData.0.Result=refuse
&Acl.ScriptData.0.Configure.0.MatchKey=params
&Acl.ScriptData.0.Configure.0.LogiOperator=exclude
&Acl.ScriptData.0.Configure.0.MatchValue=www.attatck.com
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "08b287d9-6342-4b70-9ec7-201efcd93b9d",
"Result": "Success"
}
}
```

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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
FailedOperation.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ScdnUserNoPackage	The SCDN service is not activated. Please purchase or renew an SCDN packet and try again.
InternalError.ScdnUserSuspend	Your SCDN service is suspended. Please purchase a new SCDN packet.
InvalidParameter.AccessPortOpenedHttps	The access port 443 must be enabled for HTTPS

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	configuration.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnHostInternalHost	This domain name belongs to another account. You are not allowed o connect it to CDN.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
ResourceUnavailable.ScdnUserNoPackage	The SCDN service is not activated. Please purchase or renew an SCDN packet and try again.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.

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CreateScdnFailedLogTask

Last updated：2023-12-01 16:39:42

1. API Description

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

This API is used to recreate a failed event log 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: CreateScdnFailedLogTask.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
TaskId	Yes	String	ID of the failed task to retry
Area	No	String	Region. Valid values: `mainland` and `overseas` .

3. Output Parameters

Parameter Name	Type	Description

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Result	String	Creation result. 0: Creation succeeded
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Recreating an SCDN event log task

Input Example

```
https://cdn.tencentcloudapi.com/?Action=CreateScdnFailedLogTask
&TaskId=835cac73-c7f5-4ef9-a52d-1a50bf11d2bd
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "123",
"Result": "Success"
}
}
```

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
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- 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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.ScdnLogTaskExpired	Unable to recreate: the task has expired.
InvalidParameter.ScdnLogTaskNotFoundOrNotFail	The task does not exist or was not failed.
InvalidParameter.ScdnLogTaskTimeRangeInvalid	Incorrect time range
LimitExceeded.ScdnLogTaskExceedDayLimit	Daily task quota exceeded
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.

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Obsoleted APIs
GetDisableRecords

Last updated：2023-12-01 16:39:44

1. API Description

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

This API is used to query the resource blocking history and the current URL status. (This API is in beta test and not generally available yet.)

A maximum of 40 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: GetDisableRecords.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Url	No	String	Specifies the URL to be queried
StartTime	No	Timestamp	Starting time, such as `2018-12-12 10:24:00`
EndTime	No	Timestamp	End time, such as `2018-12-14 10:24:00`
Status	No	String	Current URL status disable: The URL remains disabled, and accessing it will return

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			an error 403 enable: The URL is enabled (unblocked) and can be normally accessed
Offset	No	Integer	Offset for paginated queries. Default value: 0
Limit	No	Integer	Pagination limit. Default value: 20.
TaskId	No	String	Task ID. The task ID and start time cannot be both left empty.

3. Output Parameters

Parameter Name	Type	Description
UrlRecordList	Array of UrlRecord	Blocking history Note: This field may return `null` , indicating that no valid value can be obtained.
TotalCount	Integer	Total number of tasks, which is used for pagination. Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Getting blocking history

Input Example

```
https://cdn.tencentcloudapi.com/?Action=GetDisableRecords
&StartTime=2018-12-12 10:24:00
&EndTime=2018-12-14 10:24:00
&<Common request parameters>
```

Output Example

```
{
"Response": {
"TotalCount": 2,
```

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```
"RequestId": "f13cf55b-69e6-4937-8856-bd8965beea8c",
"UrlRecordList": [
{
"Status": "enable",
"RealUrl": "https://www.example.com/7349199.txt",
"CreateTime": "2018-12-13 12:25:07",
"UpdateTime": "2018-12-13 12:25:07"
},
{
"Status": "disable",
"RealUrl": "http://www.example.com/v1/example1.jpg",
"CreateTime": "2018-12-13 14:40:59",
"UpdateTime": "2018-12-13 14:40:59"
}
]
}
}
```


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
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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.

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Error Code	Description
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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EnableCaches

Last updated：2023-12-01 16:39:44

1. API Description

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

This API (EnableCaches) is used to unblock manually blocked URLs. After a URL is successfully unblocked, it takes about 5 to 10 minutes to take effect across the entire network. (This API is during beta test and not fully available now.)

A maximum of 40 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: EnableCaches.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Urls.N	Yes	Array of String	List of unblocked URLs
Date	No	Date	URL blocking date

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3. Output Parameters

Parameter Name	Type	Description
CacheOptResult	CacheOptResult	Result list Note: this field may return `null` , indicating that no valid values can be obtained.
TaskId	String	Task ID Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Unblocking a URL

Input Example

```
https://cdn.tencentcloudapi.com/?Action=EnableCaches
&Urls.0=http://example.com/path/to.jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "asdasdascsa721d8ha8chsa",
"CacheOptResult": {
"FailUrls": [],
"SuccessUrls": [
"http://example.com/path/to.jpg"
]
},
"TaskId": "1632627566746100176"
}
}
```

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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.

- Tencent Cloud SDK 3.0 for Python
- Tencent Cloud SDK 3.0 for Java
- Tencent Cloud SDK 3.0 for PHP
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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.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.

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InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DisableCaches

Last updated：2023-12-01 16:39:45

1. API Description

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

This API is used to block access to a specific URL on CDN. When a URL is blocked, error 403 will be returned for requests from the Chinese mainland. URL blocking is not permanent. Note that this API is only available to beta users now.

A maximum of 40 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: DisableCaches.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Urls.N	Yes	Array of String	List of URLs to be blocked (URLs must contain `http://` or `https://`). Up to 100 entries can be submitted at a time and 3,000 entries per day.

3. Output Parameters

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Parameter Name	Type	Description
CacheOptResult	CacheOptResult	Submission result Note: this field may return `null` , indicating that no valid values can be obtained.
TaskId	String	Task ID Note: This field may return `null` , indicating that no valid value can be obtained.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Blocking a URL

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DisableCaches
&Urls.0=http://example.com/path/to.jpg
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "f13cf55b-69e6-4937-8856-bd8965beea8c",
"CacheOptResult": {
"SuccessUrls": [
"http://example.com/path/to.jpg"
],
"FailUrls": []
},
"TaskId": "xx"
}
}
```

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.

Error Code	Description
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.

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LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
LimitExceeded.CdnPushExceedDayLimit	The number of URLs to be prefetched exceeds the daily limit.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please make sure the domain name is correct.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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DescribeCdnOriginIp

Last updated：2023-12-01 16:39:45

1. API Description

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

This API is used to query the IP information of CDN intermediate nodes. Note: this API will be deactivated soon and no longer be maintained. Please call `DescribeIpStatus` instead.

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: DescribeCdnOriginIp.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.

3. Output Parameters

Parameter Name	Type	Description
Ips	Array of OriginIp	Intermediate node IP details

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TotalCount	Integer	Number of intermediate node IPs
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying intermediate nodes

Input Example

```
https://cdn.tencentcloudapi.com/?Action=DescribeCdnOriginIp
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "156bde25-56b5-4dae-9638-b7b08b08e4f6",
"Ips": [
{
"Ip": "101.89.13.0/24"
}
],
"TotalCount": 1
}
}
```

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.

Error Code	Description
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
LimitExceeded.CdnCallingQueryIpTooOften	Too frequent queries on IP ownership.
LimitExceeded.CdnQueryIpBatchTooMany	The number of IPs to be queried exceeds the limit.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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Other APIs
UpdatePayType

Last updated：2023-12-01 16:39:44

1. API Description

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

This API is used to modify the billing mode of an account. At present, the billing mode of accounts on a monthly billing cycle and sub-accounts cannot 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: UpdatePayType.
Version	Yes	String	Common Params. The value used for this API: 2018-06-06.
Region	No	String	Common Params. This parameter is not required for this API.
Area	Yes	String	Billing region, which can be `mainland` or `overseas`.
PayType	Yes	String	Billing mode, which can be `flux` or `bandwidth`.

3. Output Parameters

Parameter	Type	Description

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Name		
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Modifying billing mode

Input Example

```
https://cdn.tencentcloudapi.com/?Action=UpdatePayType
&Area=mainland
&PayType=flux
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "1732a0dd-48d8-4ff1-8dcb-7f04ca139825"
}
}
```

5. Developer Resources

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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
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnUserIsIsolated	The account has been isolated due to arrears. Please pay the bill and try again.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.

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Data Types

Last updated：2023-12-01 16:39:50

AccessControl

Request header and request URL access control

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable access control based on the request header and request URL. Values: `on` : Enable `off` : Disable
AccessControlRules	Array of AccessControlRule	No	Request header and request URL access rule Note: This field may return `null` , indicating that no valid value can be obtained.
ReturnCode	Integer	No	Returns status code Note: This field may return `null` , indicating that no valid value can be obtained.

AccessControlRule

Access control rule

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RuleType	String	Yes	requestHeader: access control over request header url: access control over access URL Note: This field may return `null` , indicating that no valid value can be obtained.
RuleContent	String	Yes	Blocked content Note: This field may return `null` , indicating that no valid value can be obtained.
Regex	String	Yes	on: regular match

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			off: exact match Note: This field may return `null` , indicating that no valid value can be obtained.
RuleHeader	String	No	This parameter is required only if `RuleType` is `requestHeader` Note: This field may return `null` , indicating that no valid value can be obtained.

AdvanceCacheRule

Advanced cache configuration rules

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
CacheType	String	Yes	Rule types: `all` : Apply to all files. `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths. `default` : the cache rules when the origin server has not returned max-age Note: This field may return `null` , indicating that no valid value can be obtained.
CacheContents	Array of String	Yes	Content for each CacheType: For `all` , enter a wildcard `*` . For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` . For `default` , enter "no max-age". Note: This field may return `null` , indicating that no valid value can be obtained.
CacheTime	Integer	Yes	Cache expiration time Unit: second. The maximum value is 365 days. Note: This field may return `null` , indicating that no valid value can be obtained.

AdvanceConfig

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Advanced configuration settings

Used by actions: DescribeDomainsConfig.

Name	Type	Description
Name	String	Advanced configuration name Note: This field may return `null` , indicating that no valid value can be obtained.
Value	String	Whether to support advanced configuration `on` : Supported `off` : Not supported Note: This field may return `null` , indicating that no valid value can be obtained.

AdvanceHttps

Custom HTTPS configuration for origin-pull

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
CustomTlsStatus	String	No	Custom TLS data switch Note: this field may return `null` , indicating that no valid values can be obtained.
TlsVersion	Array of String	No	TLS version settings. Valid values: `TLSv1` , `TLSV1.1` , `TLSV1.2` , and `TLSv1.3` . Only consecutive versions can be enabled at the same time. Note: this field may return `null` , indicating that no valid values can be obtained.
Cipher	String	No	Custom encryption suite Note: this field may return `null` , indicating that no valid values can be obtained.
VerifyOriginType	String	No	Origin-pull verification status `off` : Disables origin-pull verification `oneWay` : Only verify the origin `twoWay` : Enables two-way origin-pull verification Note: this field may return `null` , indicating that no valid values can be obtained.
CertInfo	ServerCert	No	Configuration information of the origin-pull certificate Note: this field may return `null` , indicating that no valid

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			values can be obtained.
OriginCertInfo	ClientCert	No	Configuration information of the origin server certificate Note: this field may return `null` , indicating that no valid values can be obtained.

AdvancedAuthentication

Timestamp hotlink protection advanced configuration (allowlist feature)

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable hot linking protection. Values: `on` : Enable `off` : Disable Only one advanced configuration can be enabled. Set the rests to `null` .
TypeA	AdvancedAuthenticationTypeA	No	Timestamp hotlink protection advanced configuration mode A Note: this field may return `null` , indicating that no valid values can be obtained.
TypeB	AdvancedAuthenticationTypeB	No	Timestamp hotlink protection advanced configuration mode B Note: this field may return `null` , indicating that no valid values can be obtained.
TypeC	AdvancedAuthenticationTypeC	No	Timestamp hotlink protection advanced configuration mode C Note: this field may return `null` , indicating that no valid values can be obtained.
TypeD	AdvancedAuthenticationTypeD	No	Timestamp hotlink protection advanced configuration mode D Note: this field may return `null` , indicating that no valid values can be obtained.
TypeE	AdvancedAuthenticationTypeE	No	Timestamp hotlink protection advanced configuration mode E Note: this field may return `null` , indicating that no valid values can be obtained.

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TypeF	AdvancedAuthenticationTypeF	No	Timestamp hotlink protection advanced configuration mode F Note: this field may return `null` , indicating that no valid values can be obtained.

AdvancedAuthenticationTypeA

Timestamp hotlink protection advanced configuration mode A

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	Key used for signature calculation, allowing 6 to 32 bytes of letters and digits.
SignParam	String	Yes	Signature field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores.
TimeParam	String	Yes	Time field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores.
ExpireTime	Integer	Yes	Expiration time in seconds
ExpireTimeRequired	Boolean	Yes	Whether the expiration time parameter is required
Format	String	Yes	URL composition, e.g., `${private_key}${schema}${host}${full_uri}` .
TimeFormat	String	Yes	Time format. Valid values: dec (decimal), hex (hexadecimal).
FailCode	Integer	Yes	Status code returned when the authentication failed
ExpireCode	Integer	Yes	Status code returned when the URL expired
RulePaths	Array of String	Yes	List of URLs to be authenticated
Transformation	Integer	No	Reserved field

AdvancedAuthenticationTypeB

Timestamp hotlink protection advanced configuration mode B

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Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
KeyAlpha	String	Yes	Alpha key name
KeyBeta	String	Yes	Beta key name
KeyGamma	String	Yes	Gamma key name
SignParam	String	Yes	Signature field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores.
TimeParam	String	Yes	Time field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores.
ExpireTime	Integer	Yes	Expiration time in seconds
TimeFormat	String	Yes	Time format. Valid values: dec (decimal), hex (hexadecimal).
FailCode	Integer	Yes	Status code returned when the authentication failed
ExpireCode	Integer	Yes	Status code returned when the URL expired
RulePaths	Array of String	Yes	List of URLs to be authenticated

AdvancedAuthenticationTypeC

Timestamp hotlink protection advanced configuration mode C

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
AccessKey	String	Yes	Access key
SecretKey	String	Yes	Authentication key

AdvancedAuthenticationTypeD

Timestamp hotlink protection advanced configuration mode D

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

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Name	Type	Required	Description
SecretKey	String	Yes	Key used for signature calculation, allowing 6 to 32 bytes of letters and digits.
BackupSecretKey	String	Yes	Alternative key used for authentication after the authentication key (`SecretKey`) failed
SignParam	String	Yes	Signature field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores.
TimeParam	String	Yes	Time field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores.
ExpireTime	Integer	Yes	Expiration time in seconds
TimeFormat	String	Yes	Time format. Valid values: dec (decimal), hex (hexadecimal).

AdvancedAuthenticationTypeE

Timestamp hotlink protection advanced configuration mode E

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	Key used for signature calculation, allowing 6 to 32 bytes of letters and digits. Note: this field may return `null` , indicating that no valid values can be obtained.
SignParam	String	Yes	Signature field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores. Note: this field may return `null` , indicating that no valid values can be obtained.
AclSignParam	String	Yes	ACL signature field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores. Note: this field may return `null` , indicating that no valid values can be obtained.
StartTimeParam	String	Yes	Start time field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores. Note: this field may return `null` , indicating that no valid values can be obtained.

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ExpireTimeParam	String	Yes	Expiration time field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores. Note: this field may return `null` , indicating that no valid values can be obtained.
TimeFormat	String	Yes	Time format (dec) Note: this field may return `null` , indicating that no valid values can be obtained.

AdvancedAuthenticationTypeF

Timestamp hotlink protection advanced authentication configuration mode F (TypeF)

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SignParam	String	Yes	Signature field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores. Note: this field may return `null` , indicating that no valid values can be obtained.
TimeParam	String	Yes	Time field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores. Note: this field may return `null` , indicating that no valid values can be obtained.
TransactionParam	String	Yes	Transaction field name in the URI string, starting with a letter, and consisting of letters, digits, and underscores. Note: this field may return `null` , indicating that no valid values can be obtained.
SecretKey	String	Yes	CMK used for signature calculation, allowing 6 to 32 bytes of letters and digits. Note: this field may return `null` , indicating that no valid values can be obtained.
BackupSecretKey	String	No	Alternative key used for signature calculation, which is used after the CMK fails in authentication. It allows 6 to 32 bytes of letters and digits. Note: this field may return `null` , indicating that no valid values can be obtained.

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AdvancedCCRules

SCDN custom CC rules

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
RuleName	String	No	Rule name
DetectionTime	Integer	No	Detection duration Note: this field may return `null` , indicating that no valid values can be obtained.
FrequencyLimit	Integer	No	Detection frequency threshold Note: this field may return `null` , indicating that no valid values can be obtained.
PunishmentSwitch	String	No	Whether to enable IP blocking. Values: `on` : Enable `off` : Disable Note: This field may return· `null` , indicating that no valid values can be obtained.
PunishmentTime	Integer	No	IP penalty duration Note: this field may return `null` , indicating that no valid values can be obtained.
Action	String	No	Action. Valid values: `intercept` and `redirect` . Note: this field may return `null` , indicating that no valid values can be obtained.
RedirectUrl	String	No	A redirection URL used when Action is `redirect` Note: this field may return `null` , indicating that no valid values can be obtained.
Configure	Array of ScdnSevenLayerRules	No	Layer-7 rule configuration for CC frequency limiting Note: this field may return `null` , indicating that no valid values can be obtained.
Switch	String	No	Whether to enable custom CC rules. Values: `on` : Enable `off` : Disable

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			Note: This field may return· `null` , indicating that no valid values can be obtained.

AdvancedCache

(Disused) Advanced cache validity configuration. You can use `RuleCache` instead.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
CacheRules	Array of AdvanceCacheRule	Yes	Cache expiration rule Note: this field may return `null` , indicating that no valid values can be obtained.
IgnoreCacheControl	String	Yes	Forced cache configuration on: enabled off: disabled When this is enabled, if the origin server returns no-cache, no-store headers, node caching will still be performed according to the cache expiration rules. This is disabled by default Note: This field may return `null` , indicating that no valid value can be obtained.
IgnoreSetCookie	String	Yes	Whether to ignore the header and body on cache nodes if the origin server returns the header `Set-Cookie` . `on` : Ignore; do not cache the header and body. `off` : Do not ignore; follow the custom cache rules of cache nodes. It is disabled by default. Note: This field may return `null` , indicating that no valid value can be obtained.

AdvancedScdnAclGroup

SCDN precise access control configuration

Used by actions: UpdateScdnDomain.

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Name	Type	Required	Description
RuleName	String	Yes	Rule name
Configure	Array of AdvancedScdnAclRule	Yes	Specific configurations
Result	String	Yes	Action. Valid values: `intercept` and `redirect` .
Status	String	No	Whether the rule is activated. Valid values: `active` and `inactive` .
ErrorPage	ScdnErrorPage	No	Error page configuration

AdvancedScdnAclRule

Precise access control rule

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
MatchKey	String	Yes	Keyword. Valid values: `protocol` : HTTP protocol `httpVersion` : HTTP version `method` : request method `ip` : requester IP `ipAsn` : ASN of the requester IP `ipCountry` : country/region of the requester IP `ipArea` : region of the requester IP `xForwardFor` : X-Forward-For request header `directory` : Path `index` : Homepage `path` : Full path of a file `file` : File extension `param` : Request parameter `referer` : Referer request header `cookie` : Cookie request header `userAgent` : User-Agent request header `head` : Custom request header
LogicOperator	String	Yes	Logical operator. Valid values: `exclude` : The keyword is not included

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			`include` : The keyword is included `notequal` : Not the same as the keyword `equal` : The same as the keyword `matching` : The prefix is matched `null` : Empty or does not exist
MatchValue	Array of String	Yes	Matched value. When `MatchKey` is `protocol` , Values: `HTTP` and `HTTPS` . When `MatchKey` is `httpVersion` , Values: `HTTP/1.0` , `HTTP/1.1` , `HTTP/1.2` , `HTTP/2` , and `HTTP/3` . When `MatchKey` is `method` , Values: `HEAD` , `GET` , `POST` , `PUT` , `OPTIONS` , `TRACE` , `DELETE` , `PATCH` and `CONNECT` . When `MatchKey` is `ipCountry` , valid values include: `OTHER` : Other areas `VE` : Venezuela `UY` : Uruguay `SR` : Suriname `PY` : Paraguay `PE` : Peru `GY` : Guyana `EC` : Ecuador `CO` : Colombia `CL` : Chile `BR` : Brazil `BO` : Bolivia `AR` : Argentina `NZ` : New Zealand `WS` : Samoa `VU` : Vanuatu `TV` : Tuvalu `TO` : Tonga `TK` : Tokelau `PW` : Palau `NU` : Niue `NR` : Nauru `KI` : Kiribati `GU` : Guam `FM` : Micronesia

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			`AU` : Australia `US` : United States `PR` : Puerto Rico `DO` : Dominican Republic `CR` : Costa Rica `AS` : American Samoa `AG` : Antigua and Barbuda `PA` : Panama `NI` : Nicaragua `MX` : Mexico `JM` : Jamaica `HT` : Haiti `HN` : Honduras `GT` : Guatemala `GP` : Guadeloupe `GL` : Greenland `GD` : Grenada `CU` : Cuba `CA` : Canada `BZ` : Belize `BS` : Bahamas `BM` : Bermuda `BB` : Barbados `AW` : Aruba `AI` : Anguilla `VA` : Vatican `SK` : Slovakia `GB` : United Kingdom `CZ` : Czech Republic `UA` : Ukraine `TR` : Türkiye `SI` : Slovenia `SE` : Sweden `RS` : Republic of Serbia `RO` : Romania `PT` : Portugal `PL` : Poland `NO` : Norway `NL` : Netherlands `MT` : Malta `MK` : Macedonia `ME` : Montenegro `MD` : Moldova

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			`MC` : Monaco `LV` : Latvia `LU` : Luxembourg `LT` : Lithuania `LI` : Liechtenstein `KZ` : Kazakhstan `IT` : Italy `IS` : Iceland `IE` : Ireland `HU` : Hungary `HR` : Croatia `GR` : Greece `GI` : Gibraltar `GG` : Guernsey `GE` : Georgia `FR` : France `FI` : Finland `ES` : Spain `EE` : Estonia `DK` : Denmark `DE` : Germany `CY` : Cyprus `CH` : Switzerland `BY` : Belarus `BG` : Bulgaria `BE` : Belgium `AZ` : Azerbaijan `AT` : Austria `AM` : Armenia `AL` : Albania `AD` : Andorra `TL` : East Timor `SY` : Syria `SA` : Saudi Arabia `PS` : Palestine `LK` : Sri Lanka `LK` : Sri Lanka `KP` : North Korea `KG` : Kyrgyzstan `HK` : Hong Kong, China `BN` : Brunei `BD` : Bangladesh `AE` : United Arab Emirates

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			`YE` : Yemen `VN` : Vietnam `UZ` : Uzbekistan `TW` : Taiwan, China `TM` : Turkmenistan `TJ` : Tajikistan `TH` : Thailand `SG` : Singapore `QA` : Qatar `PK` : Pakistan `PH` : Philippines `OM` : Oman `NP` : Nepal `MY` : Malaysia `MV` : Maldives `MO` : Macao, China `MN` : Mongolia `MM` : Myanmar `LB` : Lebanon `KW` : Kuwait `KR` : South Korea `KH` : Cambodia `JP` : Japan `JO` : Jordan `IR` : Iran `IQ` : Iraq `IN` : India `IL` : Israel `ID` : Indonesia `CN` : China `BT` : Bhutan `BH` : Bahrain `AF` : Afghanistan `LY` : Libya `CD` : Democratic Republic of the Congo `RE` : La Réunion `SZ` : Swaziland `ZW` : Zimbabwe `ZM` : Zambia `YT` : Mayotte `UG` : Uganda `TZ` : Tanzania `TN` : Tunisia

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`TG` : Togo
`TD` : Chad
`SO` : Somalia
`SN` : Senegal
`SD` : Sudan
`SC` : Seychelles
`RW` : Rwanda
`NG` : Nigeria
`NE` : Niger
`NA` : Namibia
`MZ` : Mozambique
`MW` : Malawi
`MU` : Mauritius
`MR` : Mauritania
`ML` : Mali
`MG` : Madagascar
`MA` : Morocco
`LS` : Lesotho
`LR` : Liberia
`KM` : Comoros
`KE` : Kenya
`GN` : Guinea
`GM` : Gambia
`GH` : Ghana
`GA` : Gabon
`ET` : Ethiopia
`ER` : Eritrea
`EG` : Egypt
`DZ` : Algeria
`DJ` : Djibouti
`CM` : Cameroon
`CG` : Republic of the Congo
`BW` : Botswana
`BJ` : Benin
`BI` : Burundi
`AO` : Angola

When MatchKey is `ipArea` , valid values include:
`OTHER` : Other areas
`AS` : Asia
`EU` : Europe
`AN` : Antarctica
`AF` : Africa

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			`OC` : Oceania `NA` : North America `SA` : South America When MatchKey is `index` , valid value is `/;/index.html` .
CaseSensitive	Boolean	No	Whether to distinguish uppercase or lowercase letters. `true` : case sensitive; `false` : case insensitive.
MatchKeyParam	String	No	This field is required when `MatchKey` is `param` or `cookie` . For `param` , it indicates a key value of the request parameter if MatchKey is `param` , while a key value of the Cookie request header if MatchKey is `cookie` .

Authentication

Timestamp hotlink protection configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable hot linking protection. Values: `on` : Enable `off` : Disable Only one advanced configuration can be enabled. Set the rests to `null` .
AuthAlgorithm	String	No	Authentication algorithm. Values: `md5` : Calculate the hash using MD5. `sha256` : Calculate the hash using SHA-256. Default value: `md5` . Note: This field may return· `null` , indicating that no valid values can be obtained.
TypeA	AuthenticationTypeA	No	Timestamp hotlink protection mode A configuration Note: This field may return `null` , indicating that no valid value can be obtained.
TypeB	AuthenticationTypeB	No	Timestamp hotlink protection mode B configuration (mode B is being upgraded and is currently not supported)

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			Note: This field may return `null` , indicating that no valid value can be obtained.
TypeC	AuthenticationTypeC	No	Timestamp hotlink protection mode C configuration Note: This field may return `null` , indicating that no valid value can be obtained.
TypeD	AuthenticationTypeD	No	Timestamp hotlink protection mode D configuration Note: This field may return `null` , indicating that no valid value can be obtained.

AuthenticationTypeA

Timestamp hotlink protection mode A configuration

The access URL format of timestamp hotlink protection mode A is as follows: http://DomainName/Filename?sign=timestamp-rand-uid-md5hash

Here, timestamp is a decimal timestamp in Unix format;

rand is a random string composed of 0-100 characters, including digits, upper and lower-case letters.

uid is 0;

md5hash: MD5 (file path-timestamp-rand-uid-custom key)

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key for signature calculation 6-32 characters. Only digits and letters are allowed. Note: this field may return `null` , indicating that no valid values can be obtained.
SignParam	String	Yes	Signature parameter name Only upper and lower-case letters, digits, and underscores (_) are allowed. It cannot start with a digit. Length limit: 1-100 characters.
ExpireTime	Integer	Yes	Signature expiration time Unit: second. The maximum value is 630720000.
FileExtensions	Array of String	Yes	File extension list settings determining if authentication should be performed If it contains an asterisk (*), this indicates all files.
FilterType	String	Yes	`whitelist` : All file types apart from the FileExtensions list are authenticated.

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			`blacklist` : Only the file types in the FileExtensions list are authenticated.
BackupSecretKey	String	No	Backup key, which is used to calculate a signature. 6-32 characters. Only digits and letters are allowed. Note: This field may return `null` , indicating that no valid value can be obtained.

AuthenticationTypeB

Timestamp hotlink protection mode B configuration (mode B is being upgraded and is currently not supported)

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key for signature calculation 6-32 characters. Only digits and letters are allowed. Note: this field may return `null` , indicating that no valid values can be obtained.
ExpireTime	Integer	Yes	Signature expiration time Unit: second. The maximum value is 630720000.
FileExtensions	Array of String	Yes	File extension list settings determining if authentication should be performed If it contains an asterisk (*), this indicates all files.
FilterType	String	Yes	whitelist: indicates that all file types apart from the FileExtensions list are authenticated blacklist: indicates that only the file types in the FileExtensions list are authenticated
BackupSecretKey	String	No	Backup key, which is used to calculate a signature. 6-32 characters. Only digits and letters are allowed. Note: This field may return `null` , indicating that no valid value can be obtained.

AuthenticationTypeC

Timestamp hotlink protection mode C configuration

The access URL format of timestamp hotlink protection mode C is as follows:

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http://DomainName/md5hash/timestamp/FileName
Here, timestamp is a hexadecimal timestamp in Unix format;
`md5hash` : MD5 (custom key + file path + timestamp)

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key for signature calculation 6-32 characters. Only digits and letters are allowed. Note: this field may return `null` , indicating that no valid values can be obtained.
ExpireTime	Integer	Yes	Signature expiration time Unit: second. The maximum value is 630720000.
FileExtensions	Array of String	Yes	File extension list settings determining if authentication should be performed If it contains an asterisk (*), this indicates all files.
FilterType	String	Yes	`whitelist` : All file types apart from the FileExtensions list are authenticated. `blacklist` : Only the file types in the FileExtensions list are authenticated.
TimeFormat	String	No	Timestamp settings `dec` : Decimal `hex` : Hexadecimal Note: This field may return `null` , indicating that no valid value can be obtained.
BackupSecretKey	String	No	Backup key, which is used to calculate a signature. 6-32 characters. Only digits and letters are allowed. Note: This field may return `null` , indicating that no valid value can be obtained.

AuthenticationTypeD

Timestamp hotlink protection mode D configuration
The access URL format of timestamp hotlink protection mode D is as follows: http://DomainName/FileName?sign=md5hash&t=timestamp
Here, timestamp is a decimal or hexadecimal timestamp in Unix format;
`md5hash` : MD5 (custom key + file path + timestamp)

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Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	The key for signature calculation 6-32 characters. Only digits and letters are allowed. Note: this field may return `null` , indicating that no valid values can be obtained.
ExpireTime	Integer	Yes	Signature expiration time Unit: second. The maximum value is 630720000.
FileExtensions	Array of String	Yes	File extension list settings determining if authentication should be performed If it contains an asterisk (*), this indicates all files.
FilterType	String	Yes	`whitelist` : All file types apart from the FileExtensions list are authenticated. `blacklist` : Only the file types in the FileExtensions list are authenticated.
SignParam	String	Yes	Signature parameter name Only upper and lower-case letters, digits, and underscores (_) are allowed. It cannot start with a digit. Length limit: 1-100 characters.
TimeParam	String	Yes	Timestamp parameter name Only upper and lower-case letters, digits, and underscores (_) are allowed. It cannot start with a digit. Length limit: 1-100 characters.
TimeFormat	String	Yes	Timestamp settings `dec` : Decimal `hex` : Hexadecimal
BackupSecretKey	String	No	Backup key, which is used to calculate a signature. 6-32 characters. Only digits and letters are allowed. Note: This field may return `null` , indicating that no valid value can be obtained.

AvifAdapter

AVIF adapter, used for image optimization

Used by actions: DescribeDomainsConfig.

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Name	Type	Required	Description
Switch	String	No	Whether to enable `AvifAdapter` for image optimization. Values: `on` : Enable `off` : Disable Note: This field may return· `null` , indicating that no valid values can be obtained.

AwsPrivateAccess

Origin access authentication for S3 bucket.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable origin-pull authentication for S3 buckets. `on` : Enable `off` : Disable
AccessKey	String	No	Access ID. Note: This field may return `null` , indicating that no valid value can be obtained.
SecretKey	String	No	Key. Note: This field may return `null` , indicating that no valid value can be obtained.
Region	String	No	Region. Note: This field may return `null` , indicating that no valid value can be obtained.
Bucket	String	No	BucketName Note: This field may return `null` , indicating that no valid value can be obtained.

BandwidthAlert

Bandwidth cap configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable usage limit. Values: `on` : Enable `off` : Disable
BpsThreshold	Integer	No	The upper limit of bandwidth usage (in bps) or traffic usage (in bytes). Note: this field may return `null` , indicating that no valid values can be obtained.
CounterMeasure	String	No	Action taken when threshold is reached `RETURN_404` : A 404 error will be returned for all requests. Note: this field may return `null` , indicating that no valid values can be obtained.
LastTriggerTime	Timestamp	No	The last time when the usage upper limit in the Chinese mainland was reached Note: this field may return `null` , indicating that no valid values can be obtained.
AlertSwitch	String	No	Whether to enable alerts for usage limit. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
AlertPercentage	Integer	No	Triggers alarms when the ratio of bandwidth or traffic usage to the usage upper limit reaches the specified value Note: this field may return `null` , indicating that no valid values can be obtained.
LastTriggerTimeOverseas	Timestamp	No	The last time when the usage outside the Chinese mainland reached the upper limit Note: this field may return `null` , indicating that no valid values can be obtained.
Metric	String	No	Dimension of the usage limit `bandwidth` : Bandwidth `flux` : Traffic Note: This field may return `null` , indicating that no valid value can be obtained.
StatisticItems	Array of	No	Usage limit configuration

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	StatisticItem		Note: This field may return `null` , indicating that no valid value can be obtained.

BotCookie

Bot cookie policy

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable bot cookie policies. Values: `on` : Enable `off` : Disable
RuleType	String	Yes	Rule type, which can only be `all` currently.
RuleValue	Array of String	Yes	Rule value. Valid value: `*` .
Action	String	Yes	Action. Valid values: `monitor` , `intercept` , `redirect` , and `captcha` .
RedirectUrl	String	No	Redirection target page Note: This field may return null, indicating that no valid values can be obtained.
UpdateTime	Timestamp	No	Update time Note: This field may return null, indicating that no valid values can be obtained.

BotJavaScript

Bot JS policy

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable bot JS policies. Values: `on` : Enable `off` : Disable

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RuleType	String	Yes	Rule type, which can only be `file` currently.
RuleValue	Array of String	Yes	Rule value. Valid values: `html` and `htm`.
Action	String	Yes	Action. Valid values: `monitor`, `intercept`, `redirect`, and `captcha`.
RedirectUrl	String	No	Redirection target page Note: This field may return null, indicating that no valid values can be obtained.
UpdateTime	Timestamp	No	Update time Note: This field may return null, indicating that no valid values can be obtained.

BriefDomain

Basic domain configuration information, including CNAME, status, service type, acceleration region, creation time, last modified time, and origin server configuration.

Used by actions: DescribeDomains.

Name	Type	Description
ResourceId	String	Domain name ID
AppId	Integer	Tencent Cloud account ID
Domain	String	Acceleration domain name
Cname	String	CNAME address of domain name
Status	String	Acceleration service status `rejected`: The domain name is rejected due to expiration/deregistration of its ICP filing `processing`: Deploying `closing`: Disabling `online`: Enabled `offline`: Disabled
ProjectId	Integer	Project ID, which can be viewed on the Tencent Cloud project management page
ServiceType	String	Domain name service type

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		`web` : Static acceleration `download` : Download acceleration `media` : Streaming media VOD acceleration
CreateTime	Timestamp	Domain name creation time.
UpdateTime	Timestamp	Domain name update time.
Origin	Origin	Origin server configuration details.
Disable	String	Domain name block status `normal` : Normal `overdue` : The domain name has been disabled due to account arrears. The acceleration service can be resumed after the account is topped up. `malicious` : The acceleration service has been forcibly disabled due to detection of malicious behavior. `ddos` : The acceleration service has been disabled due to large-scale DDoS attacks to the domain name `idle` : No operations or data has been detected for more than 90 days. The domain name is determined to be inactive which automatically disables the acceleration service. You can restart the service. `unlicensed` : The acceleration service has been automatically disabled as the domain name has no ICP filing or its ICP filing is deregistered. Service can be resumed after an ICP filing is obtained. `capping` : The configured upper limit for bandwidth has been reached. `readonly` : The domain name has a special configuration and has been locked.
Area	String	Acceleration region `mainland` : Acceleration inside the Chinese mainland `overseas` : Acceleration outside the Chinese mainland `global` : Acceleration over the globe
Readonly	String	Domain name lock status `normal` : Not locked `mainland` : Locked in the Chinese mainland overseas: Locked outside the Chinese mainland global: Locked globally
Product	String	Product of the domain name, either `cdn` or `ecdn` .
ParentHost	String	Primary domain name

Cache

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Node cache expiration time configuration. There are two types of configuration:

- Basic cache expiration rules configuration
- Advanced cache expiration rules configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SimpleCache	SimpleCache	No	Basic cache expiration time configuration Note: this field may return `null` , indicating that no valid values can be obtained.
AdvancedCache	AdvancedCache	No	(Disused) Advanced cache validity configuration Note: This field may return `null` , indicating that no valid value can be obtained.
RuleCache	Array of RuleCache	No	Advanced path cache configuration Note: This field may return `null` , indicating that no valid value can be obtained.

CacheConfig

Heuristic cache validity configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
HeuristicCacheTimeSwitch	String	Yes	Whether to enable heuristic cache validity. Values: `on` : Enable `off` : Disable Note: This field may return· `null` , indicating that no valid values can be obtained.
HeuristicCacheTime	Integer	Yes	Unit: Second Note: This field may return· `null` , indicating that no valid values can be obtained.

CacheConfigCache

Path cache configuration

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Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable path cache. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
CacheTime	Integer	Yes	Cache expiration time settings Unit: second. The maximum value is 365 days. Note: This field may return `null` , indicating that no valid value can be obtained.
CompareMaxAge	String	Yes	Advanced cache expiration configuration. If this is enabled, the max-age value returned by the origin server will be compared with the cache expiration time set in CacheRules, and the smallest value will be cached on the node. `on` : Enable `off` : Disable This is disabled by default. Note: This field may return `null` , indicating that no valid value can be obtained.
IgnoreCacheControl	String	Yes	Force cache `on` : Enable `off` : Disable This is disabled by default. If enabled, the `no-store` and `no-cache` resources returned from the origin server will be cached according to `CacheRules` rules. Note: This field may return `null` , indicating that no valid value can be obtained.
IgnoreSetCookie	String	Yes	Whether to ignore the header and body on cache nodes if the origin server returns the header `Set-Cookie` . `on` : Ignore; do not cache the header and body. `off` : Do not ignore; follow the custom cache rules of cache nodes. It is disabled by default. Note: This field may return `null` , indicating that no valid value can be obtained.

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CacheConfigFollowOrigin

Path cache configuration follows the origin server configuration.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to follow the origin configuration for path cache. Values: `on` : Enable `off` : Disable
HeuristicCache	HeuristicCache	No	Heuristic cache configuration Note: This field may return `null` , indicating that no valid value can be obtained.

CacheConfigNoCache

Path cache/no cache configuration.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable no-caching at the path. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
Revalidate	String	Yes	Always forwards to the origin server for verification `on` : Enable `off` : Disable It is disabled by default. Note: This field may return `null` , indicating that no valid value can be obtained.

CacheKey

Cache key configuration (Ignore Query String configuration)

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Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
FullUrlCache	String	No	Whether to enable full-path cache `on` : Enable full-path cache (i.e., disable Ignore Query String) `off` : Disable full-path cache (i.e., enable Ignore Query String)
IgnoreCase	String	No	Specifies whether the cache key is case sensitive Note: This field may return `null` , indicating that no valid value can be obtained.
QueryString	QueryStringKey	No	Request parameter contained in `CacheKey` Note: This field may return `null` , indicating that no valid value can be obtained.
Cookie	CookieKey	No	Cookie contained in `CacheKey` Note: This field may return `null` , indicating that no valid value can be obtained.
Header	HeaderKey	No	Request header contained in `CacheKey` Note: This field may return `null` , indicating that no valid value can be obtained.
CacheTag	CacheTagKey	No	Custom string contained in `CacheKey` Note: This field may return `null` , indicating that no valid value can be obtained.
Scheme	SchemeKey	No	Request protocol contained in `CacheKey` Note: This field may return `null` , indicating that no valid value can be obtained.
KeyRules	Array of KeyRule	No	Path-specific cache key configuration Note: This field may return `null` , indicating that no valid value can be obtained.

CacheOptResult

Result of blocking/unblocking URLs

Used by actions: DisableCaches, EnableCaches.

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Name	Type	Description
SuccessUrls	Array of String	List of succeeded URLs Note: This field may return `null` , indicating that no valid value can be obtained.
FailUrls	Array of String	List of failed URLs Note: This field may return `null` , indicating that no valid value can be obtained.

CacheTagKey

A part of `CacheKey`

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to include `CacheTag` as part of `CacheKey` . Values: `on` : Yes `off` : No Note: This field may return `null` , indicating that no valid values can be obtained.
Value	String	No	Value of custom `CacheTag` Note: This field may return `null` , indicating that no valid value can be obtained.

CappingRule

Downstream speed limit configuration rules. Up to 100 entries can be configured.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RuleType	String	Yes	Rule types: `all` : Apply to all files. `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths.

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RulePaths	Array of String	Yes	Content for each `RuleType` : For `all` , enter a wildcard `*` . For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` .
KBpsThreshold	Integer	Yes	Downstream speed value settings (in KB/s)

CdnData

Detailed access data

Used by actions: DescribeBillingData, DescribeCdnData, DescribeIpVisit, DescribeOriginData.

Name	Type	Description
Metric	String	Queries by the specified metric: `flux` : Traffic (in bytes) `bandwidth` : Bandwidth (in bps) `request` : Number of requests `fluxHitRate` : Traffic hit rate (in %) `statusCode` : Status code. The aggregate data for 2xx, 3xx, 4xx, and 5xx status codes will be returned (in entries) `2XX` : Returns the aggregate list of 2xx status codes and the data for status codes starting with 2 (in entries) `3XX` : Returns the aggregate list of 3xx status codes and the data for status codes starting with 3 (in entries) `4XX` : Returns the aggregate list of 4xx status codes and the data for status codes starting with 4 (in entries) `5XX` : Returns the aggregate list of 5xx status codes and the data for status codes starting with 5 (in entries) You can also specify a status code for querying.
DetailData	Array of TimestampData	Detailed data combination
SummarizedData	SummarizedData	Aggregate data combination

CdnIp

IP attribute information

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Used by actions: DescribeCdnIp.

Name	Type	Description
Ip	String	IP to be queried
Platform	String	IP ownership: yes: Tencent Cloud CDN node no: non-Tencent Cloud CDN node
Location	String	Node district/country unknown: unknown node location
History	Array of CdnIpHistory	Activation and deactivation history of the node.
Area	String	Node region `mainland` : Acceleration nodes inside the Chinese mainland `overseas` : Acceleration nodes outside the Chinese mainland `unknown` : Service region unknown
City	String	City where the nodes reside Note: This field may return `null` , indicating that no valid value can be obtained.

CdnIpHistory

CDN node activation and deactivation history

Used by actions: DescribeCdnIp.

Name	Type	Description
Status	String	Operation type `online` : Nodes activated `offline` : Nodes deactivated
Datetime	Timestamp	Operation time corresponding to operation type If its value is `null` , it means there is no status change record. Note: This field may return `null` , indicating that no valid value can be obtained.

ClientCert

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HTTPS client certificate configuration

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Certificate	String	Yes	Client certificate PEM format, requires Base64 encoding. Note: This field may return `null` , indicating that no valid value can be obtained.
CertName	String	No	Client certificate name Note: This field may return `null` , indicating that no valid value can be obtained.
ExpireTime	Timestamp	No	Certificate expiration time When this is used as an input parameter, it can be left blank. Note: This field may return `null` , indicating that no valid value can be obtained.
DeployTime	Timestamp	No	Certificate issuance time When this is used as an input parameter, it can be left blank. Note: This field may return `null` , indicating that no valid value can be obtained.

ClsLogObject

CLS log search object

Used by actions: SearchClsLog.

Name	Type	Description
TopicId	String	Topic ID
TopicName	String	Topic name
Timestamp	String	Log time
Content	String	Log content
Filename	String	Capture path
Source	String	Log source device

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ClsSearchLogs

CLS log search result

Used by actions: SearchClsLog.

Name	Type	Description
Context	String	Cursor for more search results
Listover	Boolean	Whether all search results have been returned
Results	Array of ClsLogObject	Log content information

Compatibility

Old configuration compatibility check

Used by actions: DescribeDomainsConfig.

Name	Type	Description
Code	Integer	Compatibility flag status code. Note: This field may return `null` , indicating that no valid value can be obtained.

Compression

Smart compression configuration. By default, Gzip compression is performed for files with js, html, css, xml, json, shtml, and htm suffixes, and with sizes between 256 and 2097152 bytes.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable smart compression. Values: `on` : Enable `off` : Disable
CompressionRules	Array of CompressionRule	No	Compression rules array Note: This field may return `null` , indicating that no valid value can be obtained.

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CompressionRule

Intelligent compression rule configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Compress	Boolean	Yes	true: must be set as true, enables compression Note: this field may return `null` , indicating that no valid values can be obtained.
MinLength	Integer	Yes	The minimum file size to trigger compression (in bytes) Note: this field may return `null` , indicating that no valid values can be obtained.
MaxLength	Integer	Yes	The maximum file size to trigger compression (in bytes). The maximum value is 30 MB. Note: This field may return `null` , indicating that no valid value can be obtained.
Algorithms	Array of String	Yes	File compression algorithm `gzip` : Gzip compression `brotli` : Brotli compression Note: This field may return `null` , indicating that no valid value can be obtained.
FileExtensions	Array of String	No	Compress based on file suffix. File suffixes such as jpg and txt are supported. Note: This field may return `null` , indicating that no valid value can be obtained.
RuleType	String	No	Rule types: `all` : Apply to all files. `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths. `contentType` : Apply when the `ContentType` is specified. If this field is specified, `FileExtensions` does not take effect. Note: This field may return `null` , indicating that no valid value can be obtained.
RulePaths	Array of String	No	Content for each `CacheType` :

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			For `all` , enter a wildcard `*` . For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` . For `contentType` , enter `text/html` . Note: This field may return `null` , indicating that no valid value can be obtained.

CookieKey

A part of `CacheKey`

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to include Cookie as part of CacheKey. Values: `on` : Yes `off` : No Note: This field may return `null` , indicating that no valid values can be obtained.
Value	String	No	Used cookies (separated by ';') Note: This field may return `null` , indicating that no valid value can be obtained.

DetailDomain

Complete acceleration domain configuration information

Used by actions: DescribeDomainsConfig.

Name	Type	Description
ResourceId	String	Domain name ID
AppId	Integer	Tencent Cloud account ID
Domain	String	Accelerated domain name.
Cname	String	CNAME address of domain name

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		Note: this field may return `null` , indicating that no valid values can be obtained.
Status	String	Acceleration service status `rejected` : The domain name is rejected due to expiration/deregistration of its ICP filing `processing` : Deploying `closing` : Disabling `online` : Enabled `offline` : Disabled
ProjectId	Integer	Project ID, which can be viewed on the Tencent Cloud project management page
ServiceType	String	Acceleration domain name service type `web` : Webpage file downloads `download` : Large file downloads `media` : Audio and video on demand acceleration `hybrid` : Dynamic and static content acceleration `dynamic` : Dynamic content acceleration
CreateTime	Timestamp	Domain name creation time
UpdateTime	Timestamp	Domain name update time
Origin	Origin	Origin server configuration.
IpFilter	IpFilter	IP blocklist/allowlist configuration Note: This field may return `null` , indicating that no valid value can be obtained.
IpFreqLimit	IpFreqLimit	IP access limit configuration Note: This field may return `null` , indicating that no valid value can be obtained.
StatusCodeCache	StatusCodeCache	Status code cache configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Compression	Compression	Smart compression configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
BandwidthAlert	BandwidthAlert	Bandwidth cap configuration Note: This field may return `null` , indicating that no valid value can be obtained.

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RangeOriginPull	RangeOriginPull	Range GETs configuration Note: This field may return `null` , indicating that no valid value can be obtained.
FollowRedirect	FollowRedirect	301/302 origin-pull follow-redirect configuration Note: This field may return `null` , indicating that no valid value can be obtained.
ErrorPage	ErrorPage	Custom error page configuration Note: This field may return `null` , indicating that no valid value can be obtained.
RequestHeader	RequestHeader	Custom request header configuration Note: This field may return `null` , indicating that no valid value can be obtained.
ResponseHeader	ResponseHeader	Custom response header configuration Note: This field may return `null` , indicating that no valid value can be obtained.
DownstreamCapping	DownstreamCapping	Single-link downstream speed limit configuration Note: This field may return `null` , indicating that no valid value can be obtained.
CacheKey	CacheKey	Configuration of cache with/without parameter Note: This field may return `null` , indicating that no valid value can be obtained.
ResponseHeaderCache	ResponseHeaderCache	Origin server header cache configuration Note: This field may return `null` , indicating that no valid value can be obtained.
VideoSeek	VideoSeek	Video dragging configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Cache	Cache	Node cache expiration rule configuration Note: This field may return `null` , indicating that no valid value can be obtained.
OriginPullOptimization	OriginPullOptimization	Cross-border linkage optimization configuration (in beta) Note: This field may return `null` , indicating that no valid value can be obtained.
Https	Https	HTTPS Acceleration Configuration Guide Note: This field may return `null` , indicating that no

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		valid value can be obtained.
Authentication	Authentication	Timestamp hotlink protection configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Seo	Seo	SEO configuration Note: This field may return `null` , indicating that no valid value can be obtained.
Disable	String	Domain name block status `normal` : Normal `overdue` : The domain name has been disabled due to account arrears. The acceleration service can be resumed after the account is topped up. `malicious` : The acceleration service has been forcibly disabled due to detection of malicious behavior. `ddos` : The acceleration service has been disabled due to large-scale DDoS attacks to the domain name `idle` : No operations or data has been detected for more than 90 days. The domain name is determined to be inactive which automatically disables the acceleration service. You can restart the service. `unlicensed` : The acceleration service has been automatically disabled as the domain name has no ICP filing or its ICP filing is deregistered. Service can be resumed after an ICP filing is obtained. `capping` : The configured upper limit for bandwidth has been reached. `readonly` : The domain name has a special configuration and has been locked. Note: This field may return `null` , indicating that no valid value can be obtained.
ForceRedirect	ForceRedirect	Access protocol forced redirect configuration Note: This field may return `null` , indicating that no valid value can be obtained.
Referer	Referer	Referer configuration Note: This field may return `null` , indicating that no valid value can be obtained.
MaxAge	MaxAge	Browser cache expiration rule configuration (in beta) Note: This field may return `null` , indicating that no valid value can be obtained.

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Ipv6	Ipv6	IPv6 origin-pull configuration (in beta) Note: This field may return `null` , indicating that no valid value can be obtained.
Compatibility	Compatibility	Backwards compatibility configuration (compatibility field for internal use) Note: This field may return `null` , indicating that no valid value can be obtained.
SpecificConfig	SpecificConfig	Region-specific configuration Note: This field may return `null` , indicating that no valid value can be obtained.
Area	String	Acceleration region `mainland` : Acceleration inside the Chinese mainland `overseas` : Acceleration outside the Chinese mainland `global` : Acceleration over the globe Note: This field may return `null` , indicating that no valid value can be obtained.
Readonly	String	Domain name lock status `normal` : Not locked `mainland` : Locked in the Chinese mainland `overseas` : Locked outside the Chinese mainland global: Locked globally Note: This field may return `null` , indicating that no valid value can be obtained.
OriginPullTimeout	OriginPullTimeout	Origin-pull timeout configuration Note: This field may return `null` , indicating that no valid value can be obtained.
AwsPrivateAccess	AwsPrivateAccess	S3 bucket origin access authentication configuration Note: This field may return `null` , indicating that no valid value can be obtained.
SecurityConfig	SecurityConfig	SCDN configuration Note: This field may return `null` , indicating that no valid value can be obtained.
ImageOptimization	ImageOptimization	Image optimization configuration Note: This field may return `null` , indicating that no valid value can be obtained.

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UserAgentFilter	UserAgentFilter	UA blocklist/allowlist configuration Note: This field may return `null` , indicating that no valid value can be obtained.
AccessControl	AccessControl	Access control Note: This field may return `null` , indicating that no valid value can be obtained.
Advance	String	Whether to support advanced configuration items `on` : Supported `off` : Not supported Note: This field may return `null` , indicating that no valid value can be obtained.
UrlRedirect	UrlRedirect	URL redirect configuration Note: This field may return `null` , indicating that no valid value can be obtained.
AccessPort	Array of Integer	Access port configuration Note: This field may return `null` , indicating that no valid value can be obtained.
Tag	Array of Tag	Tag configuration Note: This field may return `null` , indicating that no valid value can be obtained.
AdvancedAuthentication	AdvancedAuthentication	Timestamp hotlink protection advanced configuration (allowlist feature) Note: This field may return `null` , indicating that no valid value can be obtained.
OriginAuthentication	OriginAuthentication	Origin-pull authentication advanced configuration (allowlist feature) Note: This field may return `null` , indicating that no valid value can be obtained.
Ipv6Access	Ipv6Access	IPv6 access configuration Note: This field may return `null` , indicating that no valid value can be obtained.
AdvanceSet	Array of AdvanceConfig	Advanced configuration settings Note: This field may return `null` , indicating that no valid value can be obtained.
OfflineCache	OfflineCache	Offline cache (only available to beta users) Note: This field may return `null` , indicating that no valid value can be obtained.

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OriginCombine	OriginCombine	Merging origin-pull requests (only available to beta users) Note: This field may return `null` , indicating that no valid value can be obtained.
PostMaxSize	PostSize	POST request configuration item Note: This field may return `null` , indicating that no valid value can be obtained.
Quic	Quic	QUIC configuration Note: This field may return `null` , indicating that no valid value can be obtained.
OssPrivateAccess	OssPrivateAccess	Access authentication for OSS origin Note: This field may return `null` , indicating that no valid value can be obtained.
WebSocket	WebSocket	WebSocket configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
RemoteAuthentication	RemoteAuthentication	Remote authentication configuration Note: This field may return `null` , indicating that no valid value can be obtained.
ShareCname	ShareCname	Shared CNAME configuration (only available to beta users) Note: This field may return `null` , indicating that no valid value can be obtained.
RuleEngine	RuleEngine	Rule engine Note: This field may return `null` , indicating that no valid value can be obtained.
ParentHost	String	Primary domain name Note: This field may return `null` , indicating that no valid value can be obtained.
HwPrivateAccess	HwPrivateAccess	Access authentication for Huawei Cloud OBS origin Note: This field may return `null` , indicating that no valid value can be obtained.
QnPrivateAccess	QnPrivateAccess	Access authentication for QiNiu Cloud Kodo origin Note: This field may return `null` , indicating that no valid value can be obtained.

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HttpsBilling	HttpsBilling	HTTPS (enabled by default) Note: This field may return `null` , indicating that no valid values can be obtained.
OthersPrivateAccess	OthersPrivateAccess	Origin-pull authentication for other origins Note: this field may return `null` , indicating that no valid values can be obtained.

DomainAreaConfig

Region configuration for domain names

Used by actions: AddCLSTopicDomains, CreateClsLogTopic, ListClsTopicDomains, ManageClsTopicDomains.

Name	Type	Required	Description
Domain	String	Yes	Domain name
Area	Array of String	Yes	Region list, where the element can be `mainland` / `overseas`

DomainFilter

Filter conditions for domain name query.

Used by actions: DescribeDomains, DescribeDomainsConfig.

Name	Type	Required	Description
Name	String	Yes	Filter filter. Values: - `origin` : Primary origin server. - `domain` : Domain name. - `resourceId` : Domain name ID. - `status` : Domain name status. Values: `online` , `offline` , and `processing` . - `serviceType` : Service type. Values: `web` , `download` , `media` , `hybrid` and `dynamic` . - `projectId` : Project ID. - `domainType` : Primary origin type. Values: `cname` (customer origin), `COS` (COS origin), `third_party` (third-party object storage origin), and `igtm` (IGTM origin). - `fullUrlCache` : Whether to enable path cache. Values: `on` , `off` . - `https` : Whether to configure HTTPS. Values: `on` , `off` and

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			`processing` . - `originPullProtocol` : Origin-pull protocol type. Value: `http` , `follow` , and `https` . - `tagKey` : Tag key.
Value	Array of String	Yes	Filter field value.
Fuzzy	Boolean	No	Whether to enable fuzzy query. Only `origin` or `domain` is supported for the filter field name. When fuzzy query is enabled, the maximum Value length is 1. When fuzzy query is disabled, the maximum Value length is 5.

DomainLog

Details about a log package download link

Used by actions: DescribeCdnDomainLogs.

Name	Type	Description
StartTime	Timestamp	Starting time of the log package
EndTime	Timestamp	End time of the log package
LogPath	String	Log package download link
Area	String	Acceleration region corresponding to the log package `mainland` : Within the Chinese mainland `overseas` : Outside the Chinese mainland
LogName	String	Log package filename
FileSize	Integer	File size, in bytes. Note: This field may return `null` , indicating that no valid values can be obtained.

DownstreamCapping

Single link downstream speed limit configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable downstream speed limit. Values: `on` : Enable `off` : Disable
CappingRules	Array of CappingRule	No	Downstream speed limiting rules Note: This field may return `null` , indicating that no valid value can be obtained.

ErrorPage

Status code redirect configuration, which is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable status code-based redirection. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
PageRules	Array of ErrorPageRule	No	Status code redirect rules configuration Note: This field may return `null` , indicating that no valid value can be obtained.

ErrorPageRule

Status code redirect rules configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
StatusCode	Integer	Yes	Status code Supports 400, 403, 404, 500.
RedirectCode	Integer	Yes	Redirect status code settings Supports 301 or 302.
RedirectUrl	String	Yes	Redirect URL

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			Requires a full redirect path, such as https://www.test.com/error.html.

ExtraLogset

Information of logsets and log topics (except those created in the Shanghai region)

Used by actions: ListClsLogTopics.

Name	Type	Description
Logset	LogSetInfo	Logset information Note: this field may return `null` , indicating that no valid values can be obtained.
Topics	Array of TopicInfo	Log topic information Note: this field may return `null` , indicating that no valid values can be obtained.

FollowRedirect

301/302 automatic origin-pull follow-redirect configuration. It is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable origin-pull to follow the origin configuration. Values: `on` : Enable `off` : Disable
RedirectConfig	RedirectConfig	No	Specifies a host header for 302 redirects. This feature is only available to beta users. To join the beta, please submit a ticket. Note: This field may return null, indicating that no valid values can be obtained.

ForceRedirect

Access protocol forced redirect configuration. This is disabled by default.

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Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable forced HTTPS redirects. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
RedirectType	String	No	Access forced redirect types http: forced HTTP redirect https: forced HTTPS redirect Note: This field may return `null` , indicating that no valid value can be obtained.
RedirectStatusCode	Integer	No	Status code returned for forced redirect Supports 301, 302. Note: This field may return `null` , indicating that no valid value can be obtained.
CarryHeaders	String	No	Whether to return the newly added header during force redirection Note: This field may return `null` , indicating that no valid value can be obtained.

GuetzliAdapter

Image optimization - `GuetzliAdapter` configuration

Used by actions: DescribeDomainsConfig.

Name	Type	Required	Description
Switch	String	No	Whether to enable AvifAdapter for image optimization. Values: `on` : Enable `off` : Disable Note: This field may return· `null` , indicating that no valid values can be obtained.

HTTPHeader

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HTTP request header

Used by actions: PushUrlsCache.

Name	Type	Required	Description
Name	String	Yes	Request header name
Value	String	Yes	Request header value

HeaderKey

A part of `CacheKey`

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	No	Whether to enable Cachekey control. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
Value	String	No	Array of headers that make up the `CacheKey` (separated by ';') Note: This field may return `null` , indicating that no valid value can be obtained.

HeuristicCache

Heuristic cache configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable heuristic caching. Values: `on` : Enable `off` : Disable Note: This field may return· `null` , indicating that no valid values can be obtained.
CacheConfig	CacheConfig	No	Heuristic cache validity configuration

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			Note: This field may return· `null` , indicating that no valid values can be obtained.

Hsts

HSTS configuration.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable HSTS. Values: `on` : Enable `off` : Disable
MaxAge	Integer	No	`MaxAge` value. Note: This field may return `null` , indicating that no valid value can be obtained.
IncludeSubDomains	String	No	Whether to include subdomain names. Valid values: on, off. Note: This field may return `null` , indicating that no valid value can be obtained.

HttpHeaderPathRule

HTTP header setting rules. Up to 100 entries can be set.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
HeaderMode	String	Yes	HTTP header setting methods `set` : sets a value for an existing header parameter, a new header parameter, or multiple header parameters. Multiple header parameters will be merged into one. `del` : deletes a header parameter. `add` : adds a header parameter. By default, you can repeat the same action to add the same header parameter, which may affect browser response. Please consider the set operation first. Note: This field may return `null` , indicating that no valid values can be obtained.

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HeaderName	String	Yes	HTTP header name. Up to 100 characters can be set. Note: This field may return `null` , indicating that no valid value can be obtained.
HeaderValue	String	Yes	HTTP header value. Up to 1000 characters can be set. Not required when Mode is del Required when Mode is add/set Note: This field may return `null` , indicating that no valid value can be obtained.
RuleType	String	Yes	Rule types: `all` : Apply to all files. `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths. Note: This field may return `null` , indicating that no valid value can be obtained.
RulePaths	Array of String	Yes	Content for each `RuleType` : For `all` , enter a wildcard `*` . For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` . Note: This field may return `null` , indicating that no valid value can be obtained.

HttpHeaderRule

HTTP header setting rules.

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
HeaderMode	String	Yes	HTTP header setting method. Valid values: `add` (add header), `set` (set header) or `del` (delete header).
HeaderName	String	Yes	HTTP header name
HeaderValue	String	Yes	HTTP header value

Https

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Domain name HTTPS acceleration configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable HTTPS. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
Http2	String	No	Whether to enable HTTP2 `on` : Enable `off` : Disable Note: this field may return `null` , indicating that no valid values can be obtained.
OcspStapling	String	No	OCSP configuration switch `on` : Enable `off` : Disable It is disabled by default. Note: This field may return `null` , indicating that no valid value can be obtained.
VerifyClient	String	No	Client certificate authentication feature `on` : Enable `off` : Disable This is disabled by default. The client certificate information is needed when enabled. This is still in beta and not generally available yet. Note: This field may return `null` , indicating that no valid value can be obtained.
CertInfo	ServerCert	No	Server certificate configuration information Note: This field may return `null` , indicating that no valid value can be obtained.
ClientCertInfo	ClientCert	No	Client certificate configuration information Note: This field may return `null` , indicating that no valid value can be obtained.
Spdy	String	No	Spdy configuration switch `on` : Enable `off` : Disable It is disabled by default.

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			Note: This field may return `null` , indicating that no valid value can be obtained.
SslStatus	String	No	HTTPS certificate deployment status closed: already closed deploying: in deployment deployed: successfully deployed failed: deployment failed Note: This field may return `null` , indicating that no valid value can be obtained.
Hsts	Hsts	No	HSTS configuration Note: This field may return `null` , indicating that no valid value can be obtained.
TlsVersion	Array of String	No	TLS version settings, which only support certain advanced domain names. Valid values: `TLSv1` , `TLSV1.1` , `TLSV1.2` , and `TLSv1.3` . Only consecutive versions can be enabled at the same time. Note: This field may return `null` , indicating that no valid value can be obtained.

HttpsBilling

HTTPS. When it's disabled, HTTPS requests are blocked.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable HTTPS. Values: `on` : When it's enabled, HTTPS requests are allowed and incur charges. If not specified, his field uses the default value `on` . `off` : When it's disabled, HTTPS requests are blocked.

HwPrivateAccess

Origin-pull authentication for Huawei Cloud OBS origin

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description

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Switch	String	Yes	Whether to enable origin-pull authentication for Huawei Cloud OBS origin. Values: `on` : Enable `off` : Disable
AccessKey	String	No	Access ID Note: This field may return `null` , indicating that no valid value can be obtained.
SecretKey	String	No	Key Note: This field may return `null` , indicating that no valid value can be obtained.
Bucket	String	No	BucketName Note: This field may return `null` , indicating that no valid value can be obtained.

ImageOptimization

Image optimization configuration

Used by actions: DescribeDomainsConfig.

Name	Type	Description
WebpAdapter	WebpAdapter	`WebpAdapter` configuration Note: This field may return `null` , indicating that no valid value can be obtained.
TpgAdapter	TpgAdapter	`TpgAdapter` configuration Note: This field may return `null` , indicating that no valid value can be obtained.
GuetzliAdapter	GuetzliAdapter	`GuetzliAdapter` configuration Note: This field may return `null` , indicating that no valid value can be obtained.
AvifAdapter	AvifAdapter	AVIF adapter configuration Note: This field may return `null` , indicating that no valid value can be obtained.

IpFilter

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IP blocklist/allowlist configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable IP blocklist/allowlist. Values: `on` : Enable `off` : Disable
FilterType	String	No	IP blocklist/allowlist type `whitelist` : IP allowlist `blacklist` : IP blocklist Note: This field may return `null` , indicating that no valid value can be obtained.
Filters	Array of String	No	IP blocklist/allowlist Supports IPs in X.X.X.X format, or IP ranges in /8, /16, /24 format. Up to 50 whitelists or blacklists can be entered Note: This field may return `null` , indicating that no valid value can be obtained.
FilterRules	Array of IpFilterPathRule	No	IP blocklist/allowlist path-based configuration. This feature is only available to selected beta customers. Note: This field may return `null` , indicating that no valid value can be obtained.
ReturnCode	Integer	No	(Disused) Expected HTTP code to return when the IP allowlist/blocklist verification fails. The 514 code is used instead. Note: this field may return `null` , indicating that no valid values can be obtained.

IpFilterPathRule

IP blocklist/allowlist path-based configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
FilterType	String	Yes	IP blocklist/allowlist type `whitelist` : allowlist IPs `blacklist` : blocklist IPs

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			Note: This field may return `null` , indicating that no valid value can be obtained.
Filters	Array of String	Yes	IP blocklist/allowlist list Supports IPs in X.X.X.X format, or /8, /16, /24 format IP ranges. Up to 50 allowlists or blocklists can be entered. Note: This field may return `null` , indicating that no valid value can be obtained.
RuleType	String	Yes	Rule types: `all` : Effective for all files `file` : Effective for specified file suffixes `directory` : Effective for specified paths `path` : Effective for specified absolute paths Note: This field may return `null` , indicating that no valid value can be obtained.
RulePaths	Array of String	Yes	Content for each RuleType: For `all` , enter an asterisk (*). For `file` , enter the suffix, such as jpg, txt. For `directory` , enter the path, such as /xxx/test/. For `path` , enter the corresponding absolute path, such as /xxx/test.html. Note: This field may return `null` , indicating that no valid value can be obtained.

IpFreqLimit

Access limit configuration for a single IP of a single node. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable IP rate limit. Values: `on` : Enable `off` : Disable
Qps	Integer	No	Sets the limited number of requests per second 514 will be returned for requests that exceed the limit Note: This field may return `null` , indicating that no valid value can be obtained.

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IpStatus

Node IP information

Used by actions: DescribeIpStatus.

Name	Type	Description
Ip	String	Node IP
District	String	Region of the node
Isp	String	ISP of the node
City	String	City of the node
Status	String	Status of the node `online` : The node is active and scheduling normally. `offline` : The node is inactive.

Ipv6

IPv6 origin configuration (changes not allowed).

Used by actions: AddCdnDomain, DescribeDomainsConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable an IPv6 address for the origin server. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

Ipv6Access

IPv6 access configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable IPv6 access. Values:

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			`on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

KeyRule

Path-based cache key configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RulePaths	Array of String	Yes	Content for each CacheType: For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter the path, such as /xxx/test/. For `path` , enter an absolute path, e.g., `/xxx/test.html` . For `index` , enter a backslash (/). Note: this field may return `null` , indicating that no valid value can be obtained.
RuleType	String	Yes	Rule types: `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths. `index` : home page Note: This field may return `null` , indicating that no valid value can be obtained.
FullUrlCache	String	Yes	Whether to enable full-path cache `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 value can be obtained.
IgnoreCase	String	Yes	Whether caches are case insensitive Note: This field may return `null` , indicating that no valid value can be obtained.
QueryString	RuleQueryString	Yes	Request parameter contained in `CacheKey` Note: This field may return `null` , indicating that no valid

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			value can be obtained.
RuleTag	String	Yes	Path cache key tag, the value "user" is passed. Note: This field may return `null` , indicating that no valid value can be obtained.

LogSetInfo

Logset information

Used by actions: ListClsLogTopics.

Name	Type	Description
AppId	Integer	Developer ID
Channel	String	Channel Note: this field may return `null` , indicating that no valid values can be obtained.
LogsetId	String	Logset ID
LogsetName	String	Logset name
IsDefault	Integer	Whether it is the default logset
LogsetSavePeriod	Integer	Log retention period in days
CreateTime	Timestamp	Creation time
Region	String	Region
Deleted	String	Whether the logset has been removed from CLS Note: This field may return `null` , indicating that no valid value can be obtained.
RegionEn	String	Whether English is used in this region Note: This field may return `null` , indicating that no valid value can be obtained.

MainlandConfig

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Specific configuration for domain names in the Chinese mainland. Specific configuration by region. The `UpdateDomainConfig` API only supports modification of some region configurations. A list of differences that may exist for older configurations will be provided for a compatibility check. The supported configuration list is as follows:

- Authentication
- BandwidthAlert
- ErrorPage
- IpFilter
- Origin
- Referer

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Authentication	Authentication	No	Timestamp hotlink protection configuration. Note: this field may return `null`, indicating that no valid values can be obtained.
BandwidthAlert	BandwidthAlert	No	Bandwidth cap configuration. Note: this field may return `null`, indicating that no valid values can be obtained.
Cache	Cache	No	Cache rule configuration. Note: This field may return `null`, indicating that no valid value can be obtained.
CacheKey	CacheKey	No	Cache configurations. Note: This field may return `null`, indicating that no valid value can be obtained.
Compression	Compression	No	Smart compression configuration. Note: This field may return `null`, indicating that no valid value can be obtained.
DownstreamCapping	DownstreamCapping	No	Download speed limit configuration. Note: This field may return `null`,

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			indicating that no valid value can be obtained.
ErrorPage	ErrorPage	No	Error code redirect configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
FollowRedirect	FollowRedirect	No	301 and 302 automatic origin-pull follow-redirect configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ForceRedirect	ForceRedirect	No	Force redirect by access protocol. Note: This field may return `null` , indicating that no valid value can be obtained.
Https	Https	No	HTTPS configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
IpFilter	IpFilter	No	IP blocklist/allowlist configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
IpFreqLimit	IpFreqLimit	No	IP access limiting configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
MaxAge	MaxAge	No	Browser cache rules configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Origin	Origin	No	Origin server configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
OriginPullOptimization	OriginPullOptimization	No	Cross-border optimization configuration. Note: This field may return `null` ,

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			indicating that no valid value can be obtained.
RangeOriginPull	RangeOriginPull	No	Range GETs configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Referer	Referer	No	Hotlink protection configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
RequestHeader	RequestHeader	No	Origin-pull request header configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ResponseHeader	ResponseHeader	No	Origin server response header configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ResponseHeaderCache	ResponseHeaderCache	No	Follows origin server cache header configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Seo	Seo	No	SEO configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ServiceType	String	No	Domain name service type. Values: `web` (static acceleration); `download` (download acceleration); `media` (streaming media acceleration). Note: This field may return `null` , indicating that no valid value can be obtained.
StatusCodeCache	StatusCodeCache	No	Status code cache configuration. Note: This field may return `null` ,

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			indicating that no valid value can be obtained.
VideoSeek	VideoSeek	No	Video dragging configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
AwsPrivateAccess	AwsPrivateAccess	No	Access authentication for S3 origin Note: This field may return `null` , indicating that no valid value can be obtained.
OssPrivateAccess	OssPrivateAccess	No	Access authentication for OSS origin Note: This field may return `null` , indicating that no valid value can be obtained.
HwPrivateAccess	HwPrivateAccess	No	Access authentication for Huawei Cloud OBS origin Note: This field may return `null` , indicating that no valid value can be obtained.
QnPrivateAccess	QnPrivateAccess	No	Access authentication for QiNiu Cloud Kodo origin Note: This field may return `null` , indicating that no valid value can be obtained.

MapInfo

Mapping between a name and an ID

Used by actions: DescribeMapInfo.

Name	Type	Description
Id	Integer	Object ID
Name	String	Object name

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: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable browser caching. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
MaxAgeRules	Array of MaxAgeRule	No	MaxAge rule Note: This field may return `null` , indicating that no valid value can be obtained.
MaxAgeCodeRule	MaxAgeCodeRule	No	MaxAge status code Note: This field may return `null` , indicating that no valid value can be obtained.

MaxAgeCodeRule

MaxAge status code

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Action	String	Yes	Action to execute. `clear` : Clear the cache-control header.
StatusCodes	Array of String	Yes	Specifies the HTTP status code in the range 400-599.

MaxAgeRule

MaxAge rules configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
MaxAgeType	String	Yes	Rule types: `all` : effective for all files.

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			`file` : effective for specified file suffixes. `directory` : effective for specified paths. `path` : effective for specified absolute paths. `index` : effective for specified homepages.
MaxAgeContents	Array of String	Yes	Content for each `MaxAgeType` : For `all` , enter a wildcard `*` . For `file` , enter the suffix, e.g., `jpg` or `txt` . For `directory` , enter the path, e.g., `/xxx/test/` . For `path` , enter the absolute path, e.g., `/xxx/test.html` . For `index` , enter a forward slash `/` . Note: The rule `all` cannot be deleted. It follows origin by default and can be modified.
MaxAgeTime	Integer	Yes	MaxAge time (in seconds) Note: The value `0` means not to cache.
FollowOrigin	String	No	Whether to follow the origin server. Valid values: `on` and `off` . If it's on, `MaxAgeTime` is ignored. Note: This field may return `null` , indicating that no valid value can be obtained.

OfflineCache

Offline cache feature status switch.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable offline caching. Values: `on` : Enable `off` : Disable

Origin

Complex origin server configurations. The following configurations are supported:

- Origin server specified as a single domain name

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- Origin server specified as multiple IPs. Supported port range: 1-65535; Supported weight range: 1-100. Format: IP:Port:Weight.
- Origin-pull domain name configuration
- Cloud Object Storage (COS) specified as origin server
- Hot backup origin server specified as a single domain name
- Hot backup origin server specified as multiple IPs. Supported port range: 1-65535. Weight configuration is not supported.
- Hot backup origin server origin-pull domain name configuration

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Origins	Array of String	No	List of primary origin servers When modifying the origins, you need to specify `OriginType` . Note: This field may return `null` , indicating that no valid values can be obtained.
OriginType	String	No	Primary origin server type This field is used together with `Origins` . Input: `domain` : Domain name `domainv6` : IPv6 domain name `cos` : COS bucket address `third_party` : Third-party object storage origin `igtm` : IGTM origin `ip` : IP address `ipv6` : One IPv6 address `ip_ipv6` : Multiple IPv4 addresses and one IPv6 address `ip_domain` : IP addresses and domain names (only available to beta users) `ip_domainv6` : Multiple IPv4 addresses and one IPv6 domain name `ipv6_domain` : Multiple IPv6 addresses and one domain name `ipv6_domainv6` : Multiple IPv6 addresses and one IPv6 domain name `domain_domainv6` : Multiple IPv4 domain names and one IPv6 domain name `ip_ipv6_domain` : Multiple IPv4 and IPv6

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			addresses and one domain name `ip_ipv6_domainv6` : Multiple IPv4 and IPv6 addresses and one IPv6 domain name `ip_domain_domainv6` : Multiple IPv4 addresses and IPv4 domain names and one IPv6 domain name `ipv6_domain_domainv6` : Multiple IPv4 domain names and IPv6 addresses and one IPv6 domain name `ip_ipv6_domain_domainv6` : Multiple IPv4 and IPv6 addresses and IPv4 domain names and one IPv6 domain name Output: `image` : Cloud Infinite origin `ftp` : FTP origin (disused) When modifying `Origins` , you need to specify `OriginType` . The IPv6 feature is now only available to beta users. Submit a ticket if you need it. Note: This field may return `null` , indicating that no valid values can be obtained.
ServerName	String	No	Origin-pull host header. This field is required when `OriginType=cos/third-party` . If not specified, this field defaults to the acceleration domain name. For a wildcard domain name, the sub-domain name during the access is used by default. Note: This field may return `null` , indicating that no valid values can be obtained.
CosPrivateAccess	String	No	When OriginType is COS, you can specify if access to private buckets is allowed. Note: To enable this configuration, you need to first grant CDN access to the private bucket. Values: `on` and `off` . Note: This field may return `null` , indicating that no valid value can be obtained.
OriginPullProtocol	String	No	Origin-pull protocol configuration http: forced HTTP origin-pull follow: protocol follow origin-pull https: forced HTTPS origin-pull. This only supports origin server port 443 for origin-pull.

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			Note: This field may return `null` , indicating that no valid value can be obtained.
BackupOrigins	Array of String	No	List of secondary origin servers This field is used together with `BackupOriginType` . Note: This field may return `null` , indicating that no valid values can be obtained.
BackupOriginType	String	No	Secondary origin type This field is used together with `BackupOrigins` . Values: `domain` : Domain name `ip` : IP address The following secondary origin types are only available to beta users. Submit a ticket to use it. `ipv6_domain` : Multiple IPv6 addresses and one domain name `ip_ipv6` : Multiple IPv4 addresses and one IPv6 address `ipv6_domain` : Multiple IPv6 addresses and one domain name `ip_ipv6_domain` : Multiple IPv4 and IPv6 addresses and one domain name Note: This field may return `null` , indicating that no valid values can be obtained.
BackupServerName	String	No	Host header used when accessing the backup origin server. If it is left empty, the `ServerName` of primary origin server will be used by default. Note: This field may return `null` , indicating that no valid value can be obtained.
BasePath	String	No	Origin-pull path Note: This field may return `null` , indicating that no valid value can be obtained.
PathRules	Array of PathRule	No	Origin-pull path rewriting configuration Note: This field may return `null` , indicating that no valid value can be obtained.
PathBasedOrigin	Array of PathBasedOriginRule	No	Path-based origin-pull configuration Note: This field may return `null` , indicating that no valid value can be obtained.

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Sni	OriginSni	No	HTTPS origin-pull SNI Note: This field may return `null` , indicating that no valid values can be obtained.
AdvanceHttps	AdvanceHttps	No	HTTPS advanced origin-pull configuration Note: This field may return `null` , indicating that no valid value can be obtained.
OriginCompany	String	No	Third-party object storage service vendor This field is required when `OriginType=third-party` . Values: `aws_s3` : AWS S3 `ali_oss` : Alibaba Cloud OSS `hw_obs` : Huawei Cloud OBS `Qiniu_kodo` : Qiniu Kodo `Others` : Other object storage service vendors. Only AWS signature-compatible object storage services are supported, such as Tencent Cloud COS for Finance Zone. Note: This field may return `null` , indicating that no valid values can be obtained.

OriginAuthentication

Origin-pull authentication advanced configuration

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable advanced origin-pull authentication. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
TypeA	OriginAuthenticationTypeA	No	Authentication type configuration A Note: this field may return `null` , indicating that no valid values can be obtained.

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OriginAuthenticationTypeA

Origin-pull authentication advanced configuration TypeA

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
SecretKey	String	Yes	Key used for signature calculation, allowing 6 to 32 bytes of letters and digits. Note: this field may return `null` , indicating that no valid values can be obtained.

OriginCombine

Merging pull requests configuration item

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable origin-pull merge. Values: `on` : Enable `off` : Disable

OriginIp

IP information of CDN intermediate nodes

Used by actions: DescribeCdnOriginIp.

Name	Type	Description
Ip	String	Intermediate IP range/intermediate IP. The IP range information is returned by default.

OriginPullOptimization

(Disused) Cross-border origin-pull optimization

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable cross-MLC-border origin-pull optimization. Values: `on` : Enable `off` : Disable
OptimizationType	String	No	Cross-border types OVToCN: origin-pull from outside mainland China to inside mainland China CNToOV: origin-pull from inside mainland China to outside mainland China Note: This field may return `null` , indicating that no valid value can be obtained.

OriginPullTimeout

Origin-pull timeout configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
ConnectTimeout	Integer	Yes	The origin-pull connection timeout (in seconds). Valid range: 5-60. Note: This field may return `null` , indicating that no valid value can be obtained.
ReceiveTimeout	Integer	Yes	The origin-pull receipt timeout (in seconds). Valid range: 10-300. Note: This field may return `null` , indicating that no valid value can be obtained.

OriginSni

HTTPS origin-pull SNI

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable HTTPS origin-pull SNI. Values: `on` : Enable `off` : Disable

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ServerName	String	Yes	Origin-pull domain name. Note: This field may return `null` , indicating that no valid values can be obtained.

OssPrivateAccess

Access authentication configuration for OSS origin

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable OSS origin-pull authentication. Values: `on` : Enable `off` : Disable
AccessKey	String	No	Access ID. Note: this field may return `null` , indicating that no valid values can be obtained.
SecretKey	String	No	Key. Note: this field may return `null` , indicating that no valid values can be obtained.
Region	String	No	Region Note: This field may return `null` , indicating that no valid value can be obtained.
Bucket	String	No	BucketName Note: This field may return `null` , indicating that no valid value can be obtained.

OthersPrivateAccess

Origin-pull authentication for other origins

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable origin-pull authentication for other object storage origins. Values:

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			`on` : Enable `off` : Disable
AccessKey	String	No	Access ID. Note: This field may return `null` , indicating that no valid values can be obtained.
SecretKey	String	No	Key. Note: This field may return `null` , indicating that no valid values can be obtained.
Region	String	No	Region. Note: This field may return `null` , indicating that no valid values can be obtained.
Bucket	String	No	Bucket name Note: This field may return `null` , indicating that no valid values can be obtained.

OverseaConfig

Specific configuration for domain names outside the Chinese mainland. The `UpdateDomainConfig` API only supports modification of some region configurations. A list of differences that may exist for older configurations will be provided for a compatibility check. The supported configuration list is as follows:

- Authentication
- BandwidthAlert
- ErrorPage
- IpFilter
- Origin
- Referer

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Authentication	Authentication	No	Timestamp hotlink protection configuration. Note: this field may return `null` , indicating that no valid values can be obtained.
BandwidthAlert	BandwidthAlert	No	Bandwidth cap configuration.

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			Note: this field may return `null` , indicating that no valid values can be obtained.
Cache	Cache	No	Cache rule configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
CacheKey	CacheKey	No	Cache configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Compression	Compression	No	Smart compression configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
DownstreamCapping	DownstreamCapping	No	Download speed limit configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ErrorPage	ErrorPage	No	Error code redirect configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
FollowRedirect	FollowRedirect	No	301 and 302 automatic origin-pull follow-redirect configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ForceRedirect	ForceRedirect	No	Protocol redirect configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Https	Https	No	HTTPS configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
IpFilter	IpFilter	No	IP blocklist/allowlist configuration. Note: This field may return `null` ,

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			indicating that no valid value can be obtained.
IpFreqLimit	IpFreqLimit	No	IP access limit configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
MaxAge	MaxAge	No	Browser cache rules configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Origin	Origin	No	Origin server configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
OriginPullOptimization	OriginPullOptimization	No	Cross-border optimization configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
RangeOriginPull	RangeOriginPull	No	Range GETs configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
Referer	Referer	No	Hotlink protection configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
RequestHeader	RequestHeader	No	Origin-pull request header configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ResponseHeader	ResponseHeader	No	Origin server response header configuration. Note: This field may return `null` , indicating that no valid value can be obtained.
ResponseHeaderCache	ResponseHeaderCache	No	Follows origin server cache header configuration. Note: This field may return `null` ,

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			indicating that no valid value can be obtained.
Seo	Seo	No	SEO configuration. Note: This field may return `null`, indicating that no valid value can be obtained.
ServiceType	String	No	Domain name service type. Values: `web` (static acceleration); `download` (download acceleration); `media` (streaming media acceleration). Note: This field may return `null`, indicating that no valid value can be obtained.
StatusCodeCache	StatusCodeCache	No	Status code cache configuration. Note: This field may return `null`, indicating that no valid value can be obtained.
VideoSeek	VideoSeek	No	Video dragging configuration. Note: This field may return `null`, indicating that no valid value can be obtained.
AwsPrivateAccess	AwsPrivateAccess	No	Access authentication for S3 origin Note: This field may return `null`, indicating that no valid value can be obtained.
OssPrivateAccess	OssPrivateAccess	No	Access authentication for OSS origin Note: This field may return `null`, indicating that no valid value can be obtained.
HwPrivateAccess	HwPrivateAccess	No	Access authentication for Huawei Cloud OBS origin Note: This field may return `null`, indicating that no valid value can be obtained.
QnPrivateAccess	QnPrivateAccess	No	Access authentication for QiNiu Cloud Kodo origin Note: This field may return `null`,

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			indicating that no valid value can be obtained.

PathBasedOriginRule

Path-based origin-pull rule

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RuleType	String	Yes	Rule types: `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths. `index` : Apply to specified homepages.
RulePaths	Array of String	Yes	Content for each `RuleType` : For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` . For `index` , enter a forward slash `/` .
Origin	Array of String	Yes	Origin server list. Domain name and IPv4 addresses are supported.

PathRule

Path-based origin-pull configuration rules

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Regex	Boolean	Yes	Whether to enable wildcard match (`*`). `false` : disabled `true` : enabled Note: this field may return `null` , indicating that no valid value can be obtained.
Path	String	Yes	Matched URL. Only URLs are supported, while parameters are not. The exact match is used by default.

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			If wildcard match is enabled, up to 5 wildcards are supported. The URL can contain up to 1,024 characters. Note: this field may return `null` , indicating that no valid values can be obtained.
Origin	String	No	Origin server when the path matches. COS origin with private read/write is not supported. The default origin server will be used by default when this field is left empty. Note: this field may return `null` , indicating that no valid values can be obtained.
ServerName	String	No	Origin server host header when the path matches. The default `ServerName` will be used by default when this field is left empty. Note: this field may return `null` , indicating that no valid values can be obtained.
OriginArea	String	No	Region of the origin server. Valid values: `CN` and `OV` . `CN` : Within the Chinese mainland `OV` : Outside the Chinese mainland Default value: `CN` . Note: this field may return `null` , indicating that no valid values can be obtained.
ForwardUri	String	No	Origin server URI path when the path matches, starting with `/` and excluding parameters. The path can contain up to 1,024 characters. The wildcards in the match path can be respectively captured using `$1` , `$2` , `$3` , `$4` , and `$5` . Up to 10 values can be captured. Note: This field may return `null` , indicating that no valid value can be obtained.
RequestHeaders	Array of HttpHeaderRule	No	Origin-pull header setting when the path matches. Note: This field may return `null` , indicating that no valid value can be obtained.
FullMatch	Boolean	No	When `Regex` is `false` , this parameter should be `true` . `false` : Disabled `true` : enabled Note: This field may return `null` , indicating that no valid value can be obtained.

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PostSize

Maximum size of the file uploaded for streaming via a POST request

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Maximum size of the file uploaded for streaming via a POST request. Values: `on` : Enable. When enabled, it is set to 32 MB by default. `off` : Disable
MaxSize	Integer	No	Maximum size. Value range: 1 MB to 200 MB.

PurgeTask

Purge task details.

Used by actions: DescribePurgeTasks.

Name	Type	Description
TaskId	String	Purge task ID
Url	String	Purged URL
Status	String	Purge task status `fail` : Purge failed `done` : Purge succeeded `process` : Purge in progress
PurgeType	String	Purge type `url` : URL purge `path` : directory purge
FlushType	String	Purge method `flush` : purges updated resources; this type is available only for directory purges `delete` : Purge all resources
CreateTime	Timestamp	Purge task submission time

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PushTask

Prefetch task details.

Used by actions: DescribePushTasks.

Name	Type	Description
TaskId	String	Prefetch task ID
Url	String	Prefetched URL
Status	String	Prefetch task status `fail` : Prefetch failed `done` : Prefetch succeeded `process` : Prefetch in progress `invalid` : Invalid prefetch with 4XX/5XX status code returned from the origin server
Percent	Integer	Prefetch progress in percentage
CreateTime	Timestamp	Prefetch task submission time
Area	String	Prefetch region `mainland` : Within the Chinese mainland `overseas` : Outside the Chinese mainland `global` : Globe
UpdateTime	Timestamp	Prefetch task update time Note: This field may return `null` , indicating that no valid value can be obtained.

QnPrivateAccess

Access authentication for QiNiu Cloud Kodo origin

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable origin-pull authentication for QiNiu Cloud Kodo. Values: `on` : Enable `off` : Disable

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AccessKey	String	No	Access ID Note: This field may return `null` , indicating that no valid value can be obtained.
SecretKey	String	No	Key

QueryStringKey

A part of `CacheKey`

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to include `QueryString` as part of `CacheKey` . Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
Reorder	String	No	Whether to sort again Note: This field may return `null` , indicating that no valid value can be obtained.
Action	String	No	Whether to include URL parameters. Values: `includeAll` : Include all parameters. `excludeAll` : Exclude all parameters. `includeCustom` : Include custom parameters. `excludeCustom` : Exclude custom parameters. Note: This field may return `null` , indicating that no valid values can be obtained.
Value	String	No	Array of included/excluded query strings (separated by ';') Note: This field may return `null` , indicating that no valid value can be obtained.

Quic

QUIC configuration item

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable QUIC. Values: `on` : Enable `off` : Disable

Quota

Purge/Prefetch available usage and quota

Used by actions: DescribePurgeQuota, DescribePushQuota.

Name	Type	Description
Batch	Integer	Quota limit for one batch submission request.
Total	Integer	Daily submission quota limit.
Available	Integer	Remaining daily submission quota.
Area	String	Quota region.

RangeOriginPull

Range GETs configuration which is enabled by default

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable Range GETs. Values: `on` : Enable `off` : Disable
RangeRules	Array of RangeOriginPullRule	No	Range GETs configuration Note: This field may return `null` , indicating that no valid value can be obtained.

RangeOriginPullRule

Range GETs configuration

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Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable Range GETs. Values: `on` : Enable `off` : Disable
RuleType	String	Yes	Rule types: `file` : effective for specified file suffixes. `directory` : effective for specified paths. `path` : effective for specified absolute paths. Note: this field may return `null` , indicating that no valid values can be obtained.
RulePaths	Array of String	Yes	Content for each `RuleType` : For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` . Note: this field may return `null` , indicating that no valid values can be obtained.

RedirectConfig

Host header for 302 redirects

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable the custom origin-pull request to follow the host when a 302 code is returned. Values: `on` : Enable `off` : Disable
FollowRedirectHost	String	Yes	The custom host header that is sent when the primary origin server follows 302 redirects
FollowRedirectBackupHost	String	No	The custom host header that is sent when the secondary origin server follows 302 redirects

Referer

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Referer blacklist/whitelist configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable referer blocklist/allowlist. Values: `on` : Enable `off` : Disable
RefererRules	Array of RefererRule	No	Referer blacklist/whitelist configuration rule Note: This field may return `null` , indicating that no valid value can be obtained.

RefererRule

Referer blacklist/whitelist configuration rules, which is effective for specific resources.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RuleType	String	Yes	Rule types: `all` : Apply to all files. `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths.
RulePaths	Array of String	Yes	Content for each `RuleType` : For `all` , enter a wildcard `*` . For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` .
RefererType	String	Yes	Referer configuration types `whitelist` : Allowlist `blacklist` : Blocklist
Referers	Array of String	Yes	Referer content list
AllowEmpty	Boolean	Yes	Whether to allow empty referer `true` : Allow empty referer when `RefererType =`

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			`whitelist` . `false` : Reject empty refer when `RefererType = blacklist` .

RegionMapRelation

Association between a region ID and sub-region IDs.

Used by actions: DescribeMapInfo.

Name	Type	Description
RegionId	Integer	Region ID
SubRegionIdList	Array of Integer	List of sub-region IDs

RemoteAuthentication

Configuration of remote authentication rules. Setting up multiple rules is supported.
`RemoteAuthenticationRules` and `Server` cannot be configured at the same time.
If only `Server` is configured, all parameters of `RemoteAuthenticationRules` will be set to the default values. The default values are described in each configuration parameter.

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable remote authentication. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
RemoteAuthenticationRules	Array of RemoteAuthenticationRule	No	Remote authentication rule configuration Note: this field may return `null` , indicating that no valid values can be obtained.
Server	String	No	Remote authentication server

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			Note: this field may return `null` , indicating that no valid values can be obtained.

RemoteAuthenticationRule

Remote authentication rule

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Server	String	Yes	Remote authentication server The server configured in `RemoteAutherntication` is used by default.
AuthMethod	String	Yes	HTTP method used by the remote authentication server. Valid values: `get` , `post` , `head` , and `all` . `all` : the remote authentication server follows the client request method. Default: `all`
RuleType	String	Yes	Rule types: `all` : apply to all files `file` : apply to files with the specified suffixes `directory` : apply to the specified directories `path` : apply to the specified absolute paths Default: `all` .
RulePaths	Array of String	Yes	Content for each `RuleType` : For `all` , enter a wildcard `*` . For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` . For `index` , enter a forward slash `/` . Default: `*`
AuthTimeout	Integer	Yes	Timeout period of the remote authentication server. Unit: ms. Value range: [1, 30,000] Default: 20000
AuthTimeoutAction	String	Yes	Whether to deny or allow the request when the remote authentication server is timed out:

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			`RETURN_200` : the request is allowed when the remote authentication server is timed out. `RETURN_403` : the request is denied when the remote authentication server is timed out. Default: `RETURN_200`

ReportData

CDN report data

Used by actions: DescribeReportData.

Name	Type	Description
ResourceId	String	Project ID/domain name ID.
Resource	String	Project name/domain name.
Value	Integer	Total traffic/max bandwidth in bytes and bps, respectively.
Percentage	Float	Percentage of individual resource out of all resources.
BillingValue	Integer	Total billable traffic/max billable bandwidth in bytes and bps, respectively.
BillingPercentage	Float	Percentage of billable amount out of total amount.

RequestHeader

Custom request header configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable custom request headers. Values: `on` : Enable `off` : Disable
HeaderRules	Array of HttpHeaderPathRule	No	Custom request header configuration rules Note: This field may return `null` , indicating that no valid value can be obtained.

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ResourceBillingData

Billing data details

Used by actions: DescribeBillingData.

Name	Type	Description
Resource	String	Resource name, which is classified as follows based on different query filters: When a domain name is specified: Details of the domain name `multiDomains` : Aggregated details of multiple domain names A specific project ID: ID of the specifically queried project `all` : Details at the account level
BillingData	Array of CdnData	Billing data details

ResourceData

This API is used to query an object and its access details.

Used by actions: DescribeCdnData, DescribeIpVisit.

Name	Type	Description
Resource	String	Resource name. A single domain name: Queries domain name details by a domain name. The details of the domain name will be displayed when the passed parameter `detail` is `true` . Multiple domain names: Queries domain name details by multiple domain names. The aggregated details of the domain names will be displayed. Project ID: Queries domain name details by a project ID. The aggregated details of the domain names of the project will be displayed. `all` : Account-level data, which is aggregated details of all domain names of an account.
CdnData	Array of CdnData	Data details of a resource

ResourceOriginData

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This API is used to query an object and its origin-pull details.

Used by actions: DescribeOriginData.

Name	Type	Description
Resource	String	Resource name, which is classified as follows based on different query filters: A specific domain name: Details of the domain name `multiDomains` : Aggregated details of multiple domain names Project ID: ID of the specifically queried project `all` : Details at the account level
OriginData	Array of CdnData	Origin-pull data details

ResponseHeader

Custom response header configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable custom response headers. Values: `on` : Enable `off` : Disable
HeaderRules	Array of HttpHeaderPathRule	No	Custom response header rules Note: This field may return `null` , indicating that no valid value can be obtained.

ResponseHeaderCache

Origin server header cache configuration. This is enabled by default and caches all the header information.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable response header caching. Values: `on` : Enable `off` : Disable

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Revalidate

Whether to forward to the origin server for verification

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable origin-pull authentication. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
Path	String	No	Forwards to the origin server for verification only for specific request path Note: This field may return `null` , indicating that no valid value can be obtained.

RuleCache

Path-based cache rule configuration
The cache expiration time for all files is 30 days by default.
Static acceleration type domain names .php, .jsp, .asp, and .aspx are not cached by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RulePaths	Array of String	Yes	Content for each `CacheType` : For `all` , enter a wildcard `*` . For `file` , enter the suffix, e.g., `jpg` or `txt` . For `directory` , enter the path, e.g., `/xxx/test/` . For `path` , enter the absolute path, e.g., `/xxx/test.html` . For `index` , enter a forward slash `/` . Note: This field may return `null` , indicating that no valid values can be obtained.
RuleType	String	Yes	Rule types: `all` : effective for all files.

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			`file` : effective for specified file suffixes. `directory` : effective for specified paths. `path` : effective for specified absolute paths. `index` : homepage. Note: This field may return `null` , indicating that no valid values can be obtained.
CacheConfig	RuleCacheConfig	Yes	Cache configuration Note: This field may return `null` , indicating that no valid value can be obtained.

RuleCacheConfig

Path cache configuration, choose one from the following three cache modes.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Cache	CacheConfigCache	Yes	Cache configuration Note: This field may return `null` , indicating that no valid value can be obtained.
NoCache	CacheConfigNoCache	Yes	No cache configuration Note: This field may return `null` , indicating that no valid value can be obtained.
FollowOrigin	CacheConfigFollowOrigin	Yes	Follows the origin server configuration Note: This field may return `null` , indicating that no valid value can be obtained.

RuleEngine

Rule engine configuration

Used by actions: DescribeDomainsConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable rule engine. Values: `on` : Enable `off` : Disable

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Content	String	No	Rule Note: This field may return `null` , indicating that no valid values can be obtained.

RuleQueryString

Configuration to retain query strings for this path

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to include query string parameters. Values: `on` : Include `QueryString` as part of `CacheKey` . `off` : Do not include `QueryString` as part of `CacheKey` . Note: This field may return `null` , indicating that no valid values can be obtained.
Action	String	Yes	`includeCustom` will retain partial query strings Note: This field may return `null` , indicating that no valid value can be obtained.
Value	String	Yes	Array of included/excluded query strings (separated by ';') Note: This field may return `null` , indicating that no valid value can be obtained.

ScdnAclConfig

SCDN access control

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable SCDN access. Values: `on` : Enable `off` : Disable
ScriptData	Array of ScdnAclGroup	No	This field is disused. Please use `AdvancedScriptData` instead. Note: this field may return `null` ,

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			indicating that no valid values can be obtained.
ErrorPage	ScdnErrorPage	No	Error page configuration Note: this field may return `null`, indicating that no valid values can be obtained.
AdvancedScriptData	Array of AdvancedScdnAclGroup	No	ACL rule group, which is required when the access control is on. Note: This field may return `null`, indicating that no valid value can be obtained.

ScdnAclGroup

SCDN precise access control configuration

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
RuleName	String	Yes	Rule name
Configure	Array of ScdnAclRule	Yes	Specific configurations
Result	String	Yes	Action. Valid values: `intercept` and `redirect`.
Status	String	No	Whether the rule is activated. Valid values: `active` and `inactive`.
ErrorPage	ScdnErrorPage	No	Error page configuration Note: This field may return `null`, indicating that no valid value can be obtained.

ScdnAclRule

Precise access control match rule

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description

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MatchKey	String	Yes	Keyword
LogiOperator	String	Yes	Logical operator. Valid values:
MatchValue	String	Yes	Matched value

ScdnBotConfig

Bot configuration

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable SCDN bot configuration. Values: `on` : Enable `off` : Disable
BotCookie	Array of BotCookie	No	Bot cookie policy Note: this field may return `null` , indicating that no valid values can be obtained.
BotJavaScript	Array of BotJavaScript	No	Bot JS policy Note: this field may return `null` , indicating that no valid values can be obtained.

ScdnCCRules

SCDN custom CC rules

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
RuleType	String	Yes	Rule types: `all` : effective for all files. `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths. `index` : effective for web homepages and root directories.
RuleValue	Array of String	Yes	Rule value (blocking condition)

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Qps	Integer	No	IP access limit rule
DetectionTime	Integer	No	Detection granularity Note: this field may return `null` , indicating that no valid values can be obtained.
FrequencyLimit	Integer	No	Frequency threshold Note: this field may return `null` , indicating that no valid values can be obtained.
PunishmentSwitch	String	No	Whether to enable IP blocking. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
PunishmentTime	Integer	No	Suspicious IP restriction duration Note: this field may return `null` , indicating that no valid values can be obtained.
Action	String	No	Action. Valid values: `intercept` and `redirect` . Note: this field may return `null` , indicating that no valid values can be obtained.
RedirectUrl	String	No	The redirection target URL used when the `Action` is `redirect` Note: this field may return `null` , indicating that no valid values can be obtained.

ScdnConfig

CC attack defense configuration

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable SCDN CC configuration. Values: `on` : Enable `off` : Disable
Rules	Array of ScdnCCRules	No	Custom CC attack defense rule Note: this field may return `null` , indicating

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			that no valid values can be obtained.
AdvancedRules	Array of AdvancedCCRules	No	Advanced custom CC attack defense rule Note: This field may return `null` , indicating that no valid value can be obtained.
GlobalAdvancedRules	Array of AdvancedCCRules	No	Global advanced CC protection rules Note: This field may return `null` , indicating that no valid values can be obtained.

ScdnDdosConfig

DDoS configuration

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable SCDN DDoS configuration. Values: `on` : Enable `off` : Disable

ScdnErrorPage

ACL error page

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
RedirectCode	Integer	Yes	Status code `403` is passed in when the action is `intercept` . `301` is passed in when the action is `redirect` .
RedirectUrl	String	Yes	URL to be redirected

ScdnSevenLayerRules

SCDN layer-7 rule configuration for CC frequency limiting

Used by actions: UpdateScdnDomain.

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Name	Type	Required	Description
CaseSensitive	Boolean	Yes	Whether values are case sensitive
RuleType	String	Yes	Rule types: `protocol` : protocol. Valid values: `HTTP` and `HTTPS` . `method` : request method. Valid values: `HEAD` , `GET` , `POST` , `PUT` , `OPTIONS` , `TRACE` , `DELETE` , `PATCH` and `CONNECT` . `all` : domain name. The matching content is `*` and cannot be edited. `ip` : IP in CIDR format. `directory` : path starting with a slash (/). You can specify a directory or specific path using up to 128 characters. `index` : default homepage, which is specified by `/;/index.html` and cannot be edited. `path` : full path of the file, such as `/acb/test.png` . Wildcard is supported, such as `/abc/*.jpg` . `file` : file extension, such as `jpg` , `png` and `css` . `param` : request parameter. The value can contain up to 512 characters. `referer` : Referer. The value can contain up to 512 characters. `cookie` : Cookie. The value can contain up to 512 characters. `user-agent` : User-Agent. The value can contain up to 512 characters. `head` : custom header. The value can contain up to 512 characters. If the matching content is blank or does not exist, enter the matching parameter directly.
LogicOperator	String	Yes	Logical operator, which connects the relation between RuleType and RuleValue. Valid values: `exclude` : the rule value is not contained. `include` : the rule value is contained. `notequal` : the rule value is not equal to the specified rule type. `equal` : the rule value is equal to the specified rule type. `matching` : the rule value matches with the prefix of the specified rule type. `null` : the rule value is empty or does not exist.
RuleValue	Array of String	No	Rule value Note: this field may return `null` , indicating that no valid values can be obtained.
RuleParam	String	No	Matched parameter. Only request parameters, Cookie, and custom request headers have a value.

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			Note: this field may return `null` , indicating that no valid values can be obtained.

ScdnWafConfig

WAF configuration

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable SCDN WAF configuration. Values: `on` : Enable `off` : Disable
Mode	String	No	WAF protection mode. Valid values: `intercept` and `observe` . Default value: `intercept` . Note: this field may return `null` , indicating that no valid values can be obtained.
ErrorPage	ScdnErrorPage	No	Redirection error page Note: this field may return `null` , indicating that no valid values can be obtained.
WebShellSwitch	String	No	Whether to enable webshell blocking. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
Rules	Array of ScdnWafRule	No	Attack blocking rules Note: this field may return `null` , indicating that no valid values can be obtained.
Level	Integer	No	WAF rule level. Valid values: 100, 200, and 300. Note: This field may return `null` , indicating that no valid value can be obtained.
SubRuleSwitch	Array of WafSubRuleStatus	No	Whether to enable WAF sub-rules. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

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ScdnWafRule

WAF rule information

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
AttackType	String	Yes	Attack type
Operate	String	Yes	Defense action. Valid value: `observe` .

SchemeKey

A part of `CacheKey`

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable scheme as part of the cache key. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

SecurityConfig

SCDN configuration

Used by actions: DescribeDomainsConfig.

Name	Type	Description
Switch	String	Whether to enable SCDN. Values: `on` : Enable `off` : Disable

Seo

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SEO configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable SEO. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

ServerCert

HTTPS acceleration server certificate configuration:

- Supports deployment with certificates that are being hosted by the SSL Certificate Services
- Supports uploading certificates of PEM format for deployment

Used by actions: AddCdnDomain, DescribeDomains, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
CertId	String	No	Server certificate ID, which is auto-generated when the certificate is being managed by the SSL Certificate Service Note: This field may return `null` , indicating that no valid values can be obtained.
CertName	String	No	Server certificate name This is auto-generated when the certificate is being hosted by the SSL Certificate Service Note: This field may return `null` , indicating that no valid value can be obtained.
Certificate	String	No	Server certificate information This is required when uploading an external certificate, which should contain the complete certificate chain. Note: This field may return `null` , indicating that no valid value can be obtained.
PrivateKey	String	No	Server key information This is required when uploading an external certificate. Note: This field may return `null` , indicating that no valid value can be obtained.

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ExpireTime	Timestamp	No	Time when the certificate expires Can be left blank when used as an input parameter Note: This field may return `null` , indicating that no valid value can be obtained.
DeployTime	Timestamp	No	Certificate issuance time Can be left blank when used as an input parameter Note: This field may return `null` , indicating that no valid value can be obtained.
Message	String	No	Certificate remarks Note: This field may return `null` , indicating that no valid value can be obtained.
From	String	No	Certificate source Note: This field may return `null` , indicating that no valid value can be obtained.

ShareCname

Shared CNAME configuration

ShareCname is only available to beta users. Submit a ticket if you need it.

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable Shared CNAME. Values: `on` : Enable. When enabled, it uses a shared CNAME. `off` : Disable. When disabled, it uses a default CNAME.
Cname	String	No	Shared CNAME to be configured Note: this field may return `null` , indicating that no valid values can be obtained.

SimpleCache

Cache configuration basic version

The cache expiration time for all files is 30 days by default.

Static acceleration type domain names .php, .jsp, .asp, and .aspx are not cached by default

Note: this version does not support setting cache expiration rules if the origin server does not return max-age

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Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
CacheRules	Array of SimpleCacheRule	Yes	Cache expiration time rules Note: This field may return `null` , indicating that no valid value can be obtained.
FollowOrigin	String	Yes	Follows origin server Cache-Control: max-age configurations `on` : Enable `off` : Disable If this is enabled, resources that do not match CacheRules rules will be cached by the node according to the max-age value returned by the origin server. Resources that match CacheRules rules will be cached on the node according to the cache expiration time set in CacheRules. This conflicts with CompareMaxAge. The two cannot be enabled at the same time. Note: This field may return `null` , indicating that no valid value can be obtained.
IgnoreCacheControl	String	Yes	Forced cache `on` : Enable `off` : Disable This is disabled by default. If enabled, the `no-store` and `no-cache` resources returned from the origin server will be cached according to `CacheRules` rules. Note: This field may return `null` , indicating that no valid value can be obtained.
IgnoreSetCookie	String	Yes	Ignores the Set-Cookie header of the origin server `on` : Enable `off` : Disable It is disabled by default. Note: This field may return `null` , indicating that no valid value can be obtained.
CompareMaxAge	String	Yes	Advanced cache expiration configuration. If this is enabled, the max-age value returned by the origin server will be compared with the cache expiration time set in CacheRules, and the smallest value will be cached on the node.

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			`on` : Enable `off` : Disable It is disabled by default. Note: This field may return `null` , indicating that no valid value can be obtained.
Revalidate	Revalidate	No	Always forwards to the origin server for verification Note: This field may return `null` , indicating that no valid value can be obtained.

SimpleCacheRule

Cache expiration rules configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
CacheType	String	Yes	Rule types: `all` : Apply to all files. `file` : Apply to files with the specified suffixes. `directory` : Apply to specified paths. `path` : Apply to specified absolute paths. index: home page
CacheContents	Array of String	Yes	Content for each `CacheType` : For `all` , enter a wildcard `*` . For `file` , enter a suffix, e.g., `jpg` or `txt` . For `directory` , enter a path, e.g., `/xxx/test/` . For `path` , enter an absolute path, e.g., `/xxx/test.html` . For `index` , enter a forward slash `/` .
CacheTime	Integer	Yes	Cache expiration time settings Unit: second. The maximum value is 365 days.

Sort

Sorting conditions for query results.

Used by actions: DescribeDomainsConfig.

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Name	Type	Required	Description
Key	String	No	Fields that can be sorted. Currently supports: `createTime` : domain name creation time. `certExpireTime` : certificate expiration time. Default value: createTime.
Sequence	String	No	asc/desc. Default value: desc.

SpecificConfig

Specific configuration for domain names inside and outside mainland China by regions.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Mainland	MainlandConfig	No	Specific configuration for domain name inside mainland China. Note: This field may return `null` , indicating that no valid value can be obtained.
Overseas	OverseaConfig	No	Specific configuration for domain name outside mainland China. Note: This field may return `null` , indicating that no valid value can be obtained.

StatisticItem

Usage limit configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Type	String	No	Type of usage limit. `total` : Cumulative usage; `moment` : Instantaneous usage. Note: This field may return `null` , indicating that no valid value can be obtained.
UnBlockTime	Integer	No	Unblocking time Note: This field may return `null` , indicating that no valid value can be obtained.
BpsThreshold	Integer	No	Bandwidth/Traffic threshold

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			Note: This field may return `null` , indicating that no valid value can be obtained.
CounterMeasure	String	No	Specifies how to disable CDN service when the threshold is exceeded. `RETURN_404` : Return 404; `RESOLVE_DNS_TO_ORIGIN` : Forward to origin server. Note: This field may return `null` , indicating that no valid value can be obtained.
AlertPercentage	Integer	No	Threshold (in percentage) that triggers alarms Note: This field may return `null` , indicating that no valid value can be obtained.
AlertSwitch	String	No	Whether to enable alerts for cumulative usage limit. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
Metric	String	No	Metric type. `flux` : Traffic; `bandwidth` : Bandwidth. Note: This field may return `null` , indicating that no valid value can be obtained.
Cycle	Integer	No	
Switch	String	No	Whether to enable cumulative usage limit. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

StatusCodeCache

Status code cache expiration configuration. 404 status codes are cached for 10 seconds by default

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable status code caching. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

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CacheRules	Array of StatusCodeCacheRule	No	Status code cache expiration rules details Note: This field may return `null` , indicating that no valid value can be obtained.

StatusCodeCacheRule

Status code cache expiration time rule configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
StatusCode	String	Yes	HTTP status code Supports 403 and 404 status codes
CacheTime	Integer	Yes	Status code cache expiration time (in seconds)

SummarizedData

Aggregated value, which is aggregated from all data of each metric. Aggregation methods are used depending on the metric attributes.

Used by actions: DescribeBillingData, DescribeCdnData, DescribeIpVisit, DescribeOriginData.

Name	Type	Description
Name	String	Aggregation method, which can be: `sum` : Aggregate summation `max` : Maximum value. In bandwidth mode, the peak bandwidth is calculated based on the data aggregated in 5 minutes. `avg` : Average value
Value	Float	Aggregated value

Tag

Domain name tag configuration

Used by actions: AddCdnDomain, DescribeDomainsConfig.

Name	Type	Required	Description

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TagKey	String	Yes	Tag key Note: This field may return `null` , indicating that no valid value can be obtained.
TagValue	String	Yes	Tag value Note: This field may return `null` , indicating that no valid value can be obtained.

TimestampData

Timestamp and its corresponding value

Used by actions: DescribeBillingData, DescribeCdnData, DescribeIpVisit, DescribeOriginData.

Name	Type	Description
Time	Timestamp	The start point of the sampling period. For example, if the time is set to 13:35:00, and `interval` is `5min` , the data returned is collected between 13:35:00 and 13:39:59
Value	Float	Data value

TopData

Data structure of sorted data

Used by actions: ListTopData.

Name	Type	Description
Resource	String	Resource name, which is classified as follows based on different query conditions: A specific domain name: This indicates the details of this domain name multiDomains: This indicates the aggregate details of multiple domain names Project ID: This displays the ID of the specifically queried project all: This indicates the details at the account level
DetailData	Array of TopDetailData	Detailed sorting results

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TopDetailData

Data structure of sorted data

Used by actions: ListTopData.

Name	Type	Description
Name	String	Datatype name
Value	Float	Data value

TopicInfo

CLS topic information

Used by actions: ListClsLogTopics.

Name	Type	Description
TopicId	String	Topic ID
TopicName	String	Topic name
Enabled	Integer	Whether to enable publishing
CreateTime	Timestamp	Creation time Note: This field may return `null` , indicating that no valid value can be obtained.
Channel	String	Either `cdn` or `ecdn` . Note: This field may return `null` , indicating that no valid value can be obtained.
Deleted	String	Whether the logset has been removed from CLS Note: This field may return `null` , indicating that no valid value can be obtained.

TpgAdapter

Image optimization - `TpgAdapter` configuration

Used by actions: DescribeDomainsConfig.

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Name	Type	Required	Description
Switch	String	No	Whether to enable TpgAdapter for image optimization. Values: `on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.

UrlRecord

Details of the blocked URLs

Used by actions: GetDisableRecords.

Name	Type	Description
Status	String	Status. `disable` : Blocked; `enable` : Unblocked. Note: This field may return `null` , indicating that no valid value can be obtained.
RealUrl	String	Corresponding URL Note: This field may return `null` , indicating that no valid value can be obtained.
CreateTime	String	Creation time Note: This field may return `null` , indicating that no valid value can be obtained.
UpdateTime	String	Update time. Note: This field may return `null` , indicating that no valid value can be obtained.

UrlRedirect

Configuration of URL rewriting

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable URL rewriting. Values: `on` : Enable `off` : Disable
PathRules	Array of UrlRedirectRule	No	Rule of URL rewriting rule, which is required if `Switch` is `on` . There can be up to 10 rules.

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			Note: this field may return `null` , indicating that no valid value can be obtained.

UrlRedirectRule

URL redirect rule configuration

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RedirectStatusCode	Integer	Yes	Redirect status code. Valid values: 301, 302
Pattern	String	Yes	URL to be matched. Only URLs are supported, while parameters are not. The exact match is used by default. In regex match, up to 5 wildcards `*` are supported. The URL can contain up to 1,024 characters.
RedirectUrl	String	Yes	Target URL, starting with `/` and excluding parameters. The path can contain up to 1,024 characters. The wildcards in the matching path can be respectively captured using `$1` , `$2` , `$3` , `$4` , and `$5` . Up to 10 values can be captured.
RedirectHost	String	No	Target host. It should be a standard domain name starting with `http://` or `https://` . If it is left empty, “http://[current domain name]” will be used by default. Note: This field may return `null` , indicating that no valid value can be obtained.
FullMatch	Boolean	No	Whether to use full-path matching or arbitrary matching Note: This field may return `null` , indicating that no valid value can be obtained.

UserAgentFilter

`UserAgent` blacklist/whitelist configuration

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable User-Agent blocklist/allowlist. Values:

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			`on` : Enable `off` : Disable Note: This field may return `null` , indicating that no valid values can be obtained.
FilterRules	Array of UserAgentFilterRule	No	UA blacklist/whitelist effect rule list Note: This field may return `null` , indicating that no valid value can be obtained.

UserAgentFilterRule

`UserAgent` blacklist/whitelist rule configuration

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
RuleType	String	Yes	Effective access path type `all` : All access paths are effective `file` : Effective by file extension `directory` : Effective by directory `path` : Effective by full access path Note: This field may return `null` , indicating that no valid value can be obtained.
RulePaths	Array of String	Yes	Effective access paths Note: This field may return `null` , indicating that no valid value can be obtained.
UserAgents	Array of String	Yes	`UserAgent` list Note: This field may return `null` , indicating that no valid value can be obtained.
FilterType	String	Yes	Blocklist or allowlist. Valid values: `blacklist` , `whitelist` Note: This field may return `null` , indicating that no valid value can be obtained.

VideoSeek

Video dragging configuration. This is disabled by default.

Used by actions: AddCdnDomain, DescribeDomainsConfig, UpdateDomainConfig.

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Name	Type	Required	Description
Switch	String	Yes	Whether to enable video dragging. Values: `on` : Enable `off` : Disable

ViolationUrl

Details of URLs in violation

Used by actions: DescribeUrlViolations.

Name	Type	Description
Id	Integer	ID
RealUrl	String	Origin access URL of the resource in violation
DownloadUrl	String	Snapshot path. This is used to display a snapshot of the content in violation on the console.
UrlStatus	String	Current status of non-compliant resource `forbid` : Blocked `release` : Unblocked `delay` : Processing delayed `reject` : Appeal dismissed. It is still in `forbid` status. `complain` : Appeal in process
CreateTime	Timestamp	Creation time
UpdateTime	Timestamp	Update time

WafSubRuleStatus

WAF sub-rule switch status

Used by actions: UpdateScdnDomain.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WAF sub-rules. Values: `on` : Enable `off` : Disable

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SubIds	Array of Integer	Yes	List of rule IDs

WebSocket

WebSocket configuration.
WebSocket is an ECDN feature. You can enable it in the ECDN domain name configuration.

Used by actions: DescribeDomainsConfig, UpdateDomainConfig.

Name	Type	Required	Description
Switch	String	Yes	Whether to enable WebSocket connection timeout. Values: `on` : When it's enabled, the connection timeout can be configured. `off` : When it's disabled, the connection timeout is set to 15 seconds by default.
Timeout	Integer	No	Sets timeout period in seconds. Maximum value: 300 Note: this field may return `null` , indicating that no valid values can be obtained.

WebpAdapter

Image optimization - `WebpAdapter` configuration

Used by actions: DescribeDomainsConfig.

Name	Type	Required	Description
Switch	String	No	Whether to enable WebpAdapter for image optimization. Values: `on` : Enable `off` : Disable Note: This field may return· `null` , indicating that no valid values can be obtained.

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Error Codes

Last updated：2023-12-01 16:39:50

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.CdnConfigError	Failed to update the domain name configuration. Please submit a ticket for troubleshooting.
InternalError.CamSystemError	Authentication system internal error.
InternalError.CdnConfigError	Failed to update the domain name configuration.
InternalError.CdnDbError	Internal data error. Please submit a ticket for troubleshooting.
InternalError.CdnQueryParamError	Internal error. Please try again or contact the customer service for assistance.
InternalError.CdnQuerySystemError	Internal error. Please try again or

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	contact the customer service for assistance.
InternalError.CdnSystemError	System error. Please submit a ticket for troubleshooting.
InternalError.ClsInternalError	CLS internal error.
InternalError.CostDataSystemError	Billing data query internal error. Please submit a ticket for troubleshooting.
InternalError.DataSystemError	Error with the data query. Please submit a ticket for troubleshooting.
InternalError.Error	Service internal error. Please submit a ticket for troubleshooting.
InternalError.InvalidErrorCode	Service internal error. Please submit a ticket for troubleshooting.
InternalError.ProxyServer	Internal service error. Please submit a ticket for troubleshooting.
InternalError.RouteError	Internal service error. Please submit a ticket for troubleshooting.
InternalError.ScdnUserNoPackage	The SCDN service is not activated. Please purchase or renew an SCDN packet and try again.
InternalError.ScdnUserSuspend	Your SCDN service is suspended. Please purchase a new SCDN packet.
InternalError.TagSystemError	Tag internal error. Please submit a ticket for troubleshooting.
InternalError.UnknownError	Internal service error. Please submit a ticket for troubleshooting.
InvalidParameter.AccessPortOpenedHttps	The access port 443 must be enabled for HTTPS configuration.
InvalidParameter.BandLimitRequiredMainland	Please delete the rate limiting configuration before you switch the acceleration region.
InvalidParameter.BandwidthAlertCounterMeasureConflictOriginType	Tencent Cloud COS and third-party object storage origins only support

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	"Return 404". Please modify and try again.
InvalidParameter.CDNStatusInvalidDomain	Invalid domain name status.
InvalidParameter.CamResourceBelongToDifferentUser	Inconsistent resource AppID.
InvalidParameter.CamResourceSixStageError	Incorrect six-segment resource parameter.
InvalidParameter.CamTagKeyAlreadyAttached	The domain name has already been associated with this tag.
InvalidParameter.CamTagKeyIllegal	Invalid characters in the tag key.
InvalidParameter.CamTagKeyNotExist	The tag key does not exist.
InvalidParameter.CamTagValueIllegal	Invalid characters in the tag value.
InvalidParameter.CdnCertInfoNotFound	The certificate information is invalid or does not exist. Please check and try again.
InvalidParameter.CdnCertNoCertInfo	Invalid certificate. Please check and try again.
InvalidParameter.CdnCertNotPem	Invalid HTTPS certificate.
InvalidParameter.CdnClsDuplicateTopic	A duplicate topic is found.
InvalidParameter.CdnClsTopicNameInvalid	Invalid topic name.
InvalidParameter.CdnClsTopicNotExist	The CLS topic does not exist.
InvalidParameter.CdnConfigInvalidCache	Invalid cache configuration. Please check and try again.
InvalidParameter.CdnConfigInvalidHost	Invalid domain name. Please make sure the domain name is valid.
InvalidParameter.CdnConfigInvalidTag	Invalid tag configuration.
InvalidParameter.CdnConfigTagRequired	Failed to add the domain name. Please make sure to specify a tag for the domain name.
InvalidParameter.CdnHostHasSpecialConfig	The domain name is configured with special configurations, please submit a ticket.

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InvalidParameter.CdnHostInternalHost	This domain name belongs to another account. You are not allowed o connect it to CDN.
InvalidParameter.CdnHostInvalidMiddleConfig	Incorrect intermediate server configuration.
InvalidParameter.CdnHostInvalidParam	Invalid domain name format. Please check and try again.
InvalidParameter.CdnHostInvalidStatus	Invalid domain name status.
InvalidParameter.CdnHostIsCosDefaultAccess	It is a COS origin domain name. Please go to the COS console to enable "Default CDN Acceleration Domain".
InvalidParameter.CdnHostTooLongHost	The domain name is too long.
InvalidParameter.CdnInterfaceError	Internal API error. Please submit a ticket for troubleshooting.
InvalidParameter.CdnInvalidParamInterval	Parameter error: Interval. Please check and try again.
InvalidParameter.CdnInvalidParamMetric	Parameter error: Metric. Please check and try again.
InvalidParameter.CdnInvalidParamServiceType	Invalid field: ServiceType. Please check and try again.
InvalidParameter.CdnKeyRulesExcludeCustomRequiresFullLego	The configuration is not supported.
InvalidParameter.CdnKeyRulesInvalidQueryStringValue	Invalid field: QueryString. Please check and try again.
InvalidParameter.CdnParamError	Parameter error. Please see the sample parameters in the documentation.
InvalidParameter.CdnPurgeWildcardNotAllowed	Cache purge does not support wildcard domain names.
InvalidParameter.CdnPushWildcardNotAllowed	Prefetch does not support wildcard domain names.
InvalidParameter.CdnStatInvalidDate	Invalid date. Please see the sample date in the documentation.
InvalidParameter.CdnStatInvalidFilter	Invalid statistical dimension. Please see

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	the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidMetric	Invalid statistical type. Please see the sample statistical analysis in the documentation.
InvalidParameter.CdnStatInvalidProjectId	Incorrect project ID. Please check and try again.
InvalidParameter.CdnStatTooManyDomains	The number of queried domain names reached the limit.
InvalidParameter.CdnUrlExceedLength	The URL exceeds the length limit.
InvalidParameter.ClsIndexConflict	Index conflict.
InvalidParameter.ClsIndexRuleEmpty	The index rule is empty.
InvalidParameter.ClsInvalidContent	Invalid content.
InvalidParameter.ClsInvalidContentType	Invalid `Content-Type` .
InvalidParameter.ClsInvalidParam	Parameter error. Please check and try again.
InvalidParameter.ClsLogsetConflict	Logset conflict.
InvalidParameter.ClsLogsetEmpty	The logset is empty.
InvalidParameter.ClsLogsetNotEmpty	The logset is not empty.
InvalidParameter.ClsMissingAuthorization	No authorization information.
InvalidParameter.ClsMissingContent	Lost content.
InvalidParameter.ClsSyntaxError	Syntax error.
InvalidParameter.ClsTopicClosed	The topic has been closed.
InvalidParameter.ClsTopicConflict	Topic conflict.
InvalidParameter.EcdnInterfaceError	API internal error. Please try again or contact the customer service for assistance.
InvalidParameter.PathRegexTooManySubPattern	The maximum number of regex sub-patterns is exceeded.

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InvalidParameter.RemoteAuthInvalidPlatform	This platform does not support remote authentication.
InvalidParameter.RemoteAuthInvalidProtocol	This platform does not support remote access to an authentication address via the HTTPS protocol.
InvalidParameter.ScdnLogTaskExpired	Unable to recreate: the task has expired.
InvalidParameter.ScdnLogTaskNotFoundOrNotFail	The task does not exist or was not failed.
InvalidParameter.ScdnLogTaskTimeRangeInvalid	Incorrect time range
LimitExceeded.CamResourceArrayTooLong	The number of resource arrays exceeds the upper limit.
LimitExceeded.CamResourceTooManyTagKey	The number of tag keys exceeds the upper limit. Each resource can have up to 50 tag keys.
LimitExceeded.CamTagKeyTooLong	The tag key length exceeds the upper limit.
LimitExceeded.CamTagKeyTooManyTagValue	The number of tag values exceeds the upper limit. Each tag key can have up to 1,000 tag values.
LimitExceeded.CamTagQuotaExceedLimit	The number of bound tags exceeds the limit.
LimitExceeded.CamUserTooManyTagKey	The number of keys exceeds the upper limit. Each user can have up to 1,000 different keys.
LimitExceeded.CdnCallingQueryIpTooOften	Too frequent queries on IP ownership.
LimitExceeded.CdnClsTooManyTopics	This account has created too many topics.
LimitExceeded.CdnConfigTooManyCacheRules	The number of cache validity configuration rules exceeds the limit.
LimitExceeded.CdnHostOpTooOften	Domain name operations are too frequent.
LimitExceeded.CdnPurgeExceedBatchLimit	

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LimitExceeded.CdnPurgeExceedDayLimit	
LimitExceeded.CdnPurgePathExceedBatchLimit	The number of directories to be purged exceeds the limit.
LimitExceeded.CdnPurgePathExceedDayLimit	The number of directories to be purged exceeds the daily limit.
LimitExceeded.CdnPurgeUrlExceedBatchLimit	The number of URLs to be purged exceeds the limit.
LimitExceeded.CdnPurgeUrlExceedDayLimit	The number of URLs to be purged exceeds the daily limit.
LimitExceeded.CdnPushExceedBatchLimit	The number of URLs to be prefetched at a time exceeds the limit.
LimitExceeded.CdnPushExceedDayLimit	The number of URLs to be prefetched exceeds the daily limit.
LimitExceeded.CdnQueryIpBatchTooMany	The number of IPs to be queried exceeds the limit.
LimitExceeded.CdnUserTooManyHosts	The number of domain names under the account has reached the upper limit. Please submit a ticket for assistance.
LimitExceeded.ClsLogSizeExceed	The log size exceeds the limit.
LimitExceeded.ClsLogsetExceed	The number of logsets exceeds the limit.
LimitExceeded.ClsTopicExceed	The number of topics exceeds the limit.
LimitExceeded.ScdnLogTaskExceedDayLimit	Daily task quota exceeded
OperationDenied.ShareCacheAreaDnsNotMatch	Inconsistent domain name. Please select again or submit a ticket.
ResourceInUse.CdnConflictHostExists	The domain name conflicts with an existing domain name in the system.
ResourceInUse.CdnHostExists	Domain name already exists.
ResourceInUse.CdnOpInProgress	CDN resources are being operated.
ResourceNotFound.CamTagKeyNotExist	The tag key does not exist.
ResourceNotFound.CdnHostNotExists	Unable to find the domain name. Please

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	make sure the domain name is correct.
ResourceNotFound.CdnProjectNotExists	The project does not exist. Please check and try again.
ResourceNotFound.CdnUserNotExists	The CDN service has not been activated. Please activate it first before using this API.
ResourceNotFound.CdnUserTooManyHosts	The number of domain names under the account has reached the upper limit. Please submit a ticket for assistance.
ResourceNotFound.ClsIndexNotExist	The index does not exist.
ResourceNotFound.ClsLogsetNotExist	The logset does not exist.
ResourceNotFound.ClsTopicNotExist	The topic does not exist.
ResourceNotFound.EcdnDomainNotExists	The domain name does not exist. Please check and try again.
ResourceUnavailable.CdnHostBelongsToOthersInMainland	The domain name has been connected to the Mainland China service region. If you need to switch the service region to "Global", please verify its ownership for domain name retrieval.
ResourceUnavailable.CdnHostBelongsToOthersInOverseas	The domain name has been connected to the service region outside Mainland China. If you need to switch the service region to "Global", please verify its ownership for domain name retrieval.
ResourceUnavailable.CdnHostExistsInDsa	The DSA feature is enabled for the domain name.
ResourceUnavailable.CdnHostExistsInTcb	The domain name has been connected in the TCB console.
ResourceUnavailable.CdnHostIsLocked	The domain name is locked.
ResourceUnavailable.CdnHostIsMalicious	The domain name is not compliant and cannot be connected.
ResourceUnavailable.CdnHostIsNotOffline	Domain name is still in use.
ResourceUnavailable.CdnHostIsNotOnline	The domain name has been

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	deactivated. Prefetch requests cannot be submitted.
ResourceUnavailable.CdnHostNoIcp	ICP filing is required for the domain name and the synchronization takes 2 hours. If it is already filed, please try later.
ResourceUnavailable.HostExistInVod	The domain name has been connected to VOD. To access CDN, please delete it from VOD first.
ResourceUnavailable.ScdnUserNoPackage	The SCDN service is not activated. Please purchase or renew an SCDN packet and try again.
UnauthorizedOperation.CdnAccountUnauthorized	The sub-account is unauthorized to query full data.
UnauthorizedOperation.CdnCamUnauthorized	No CAM policy is configured for the sub-account.
UnauthorizedOperation.CdnClsNotRegistered	This account is not authorized to activate CLS.
UnauthorizedOperation.CdnDomainRecordNotVerified	The domain name has not been verified.
UnauthorizedOperation.CdnHostExistsInInternal	The domain name already exists in the system. Please submit a ticket.
UnauthorizedOperation.CdnHostInIcpBlacklist	The domain name is not compliant and cannot be connected.
UnauthorizedOperation.CdnHostIsOwnedByOther	This domain name belongs to another account, and you do not have permission to connect it.
UnauthorizedOperation.CdnHostIsUsedByOther	The domain name has been connected by another account. For more information, please submit a ticket.
UnauthorizedOperation.CdnHostUnauthorized	The sub-account has no access to the CDN-accelerated domain name.
UnauthorizedOperation.CdnProjectUnauthorized	The project is not authorized for the sub-account.

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UnauthorizedOperation.CdnTagUnauthorized	The sub-account has no access to the tag.
UnauthorizedOperation.CdnUserAuthFail	Fail to authenticate the CDN user.
UnauthorizedOperation.CdnUserAuthWait	The CDN user is pending authentication.
UnauthorizedOperation.CdnUserInvalidCredential	Service internal error. Please submit a ticket for troubleshooting.
UnauthorizedOperation.CdnUserIsIsolated	The account has been isolated due to arrears. Please pay the bill and try again.
UnauthorizedOperation.CdnUserIsSuspended	The CDN service has been suspended. Please restart it and try again.
UnauthorizedOperation.CdnUserNoWhitelist	You are not in the beta whitelist and thus have no permission to use this function.
UnauthorizedOperation.ClsInvalidAuthorization	Invalid authorization.
UnauthorizedOperation.ClsServiceNotActivated	You have not activated CLS service. Please activate it in the CLS console first.
UnauthorizedOperation.ClsUnauthorized	Authorization failed.
UnauthorizedOperation.CsrfError	Service internal error. Please submit a ticket for troubleshooting.
UnauthorizedOperation.EcdnMigratedCdn	Please go to the CDN console for operation.
UnauthorizedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.
UnauthorizedOperation.OperationTooOften	Too many calling attempts.
UnsupportedOperation.ClsNotAllowed	The operation is not allowed.
UnsupportedOperation.OpNoAuth	This operation is not supported currently. Please submit a ticket for assistance.

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