Tencent Cloud Observability Platform

API Documentation

Product Documentation

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Contents

API Documentation
- History
- Introduction
- API Category
- Making API Requests
  - Request Structure
  - Common Params
  - Signature v3
  - Signature
  - Responses
- Alarm APIs
  - DescribeAlarmPolicies
  - DescribeAlarmMetrics
  - DescribeAlarmHistories
  - CreateAlarmPolicy
  - DeleteAlarmPolicy
  - DescribeAlarmPolicy
  - ModifyAlarmPolicyStatus
  - SetDefaultAlarmPolicy
  - BindingPolicyObject
  - UnBindingPolicyObject
  - UnBindingAllPolicyObject
  - ModifyAlarmPolicyCondition
  - ModifyAlarmPolicyNotice
  - ModifyAlarmPolicyTasks
  - DescribeMonitorTypes
  - DescribeAllNamespaces
  - DescribeAlarmEvents
  - DescribeBindingPolicyObjectList
  - ModifyAlarmPolicyInfo
  - DescribeConditionsTemplateList
- Notification Template APIs
  - CreateAlarmNotice
  - DeleteAlarmNotices
  - ModifyAlarmNotice

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- DescribeAlarmNotices
- DescribeAlarmNotice
- DescribeAlarmNoticeCallbacks
- Monitoring Data Query APIs
  - DescribeBaseMetrics
  - DescribeStatisticData
  - GetMonitorData
- Legacy Alert APIs
  - ModifyAlarmReceivers
  - CreatePolicyGroup
  - DeletePolicyGroup
  - DescribePolicyGroupList
  - DescribeBasicAlarmList
  - ModifyPolicyGroup
  - DescribePolicyGroupInfo
  - DescribePolicyConditionList
- Prometheus Service APIs
  - DescribePrometheusInstanceUsage
  - DescribeServiceDiscovery
  - CreateServiceDiscovery
  - UpdateAlertRuleState
  - UpdateAlertRule
  - DescribeAlertRules
  - DeleteAlertRules
  - CreateAlertRule
  - DescribePrometheusInstances
  - UpgradeGrafanaDashboard
  - UpdatePrometheusScrapeJob
  - UpdatePrometheusAgentStatus
  - UpdateExporterIntegration
  - UninstallGrafanaDashboard
  - UnbindPrometheusManagedGrafana
  - TerminatePrometheusInstances
  - ModifyPrometheusInstanceAttributes
  - GetPrometheusAgentManagementCommand
  - DestroyPrometheusInstance
  - DescribePrometheusScrapeJobs
  - DescribePrometheusAgents

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- DescribeExporterIntegrations
- DeletePrometheusScrapeJobs
- DeleteExporterIntegration
- CreatePrometheusScrapeJob
- CreatePrometheusAgent
- CreateExporterIntegration
- BindPrometheusManagedGrafana
- UpdateRecordingRule
- DescribeRecordingRules
- DeleteRecordingRules
- CreateRecordingRule
- CreatePrometheusMultiTenantInstancePostPayMode
- DescribePrometheusZones

Grafana Service APIs

- UpgradeGrafanaInstance
- UpdateSSOAccount
- UpdateGrafanaWhiteList
- UpdateGrafanaNotificationChannel
- UpdateGrafanaIntegration
- UpdateGrafanaEnvironments
- UpdateGrafanaConfig
- UpdateDNSConfig
- UninstallGrafanaPlugins
- ResumeGrafanaInstance
- ModifyGrafanaInstance
- InstallPlugins
- EnableSSOCamCheck
- EnableGrafanaSSO
- EnableGrafanaInternet
- DescribeSSOAccount
- DescribeInstalledPlugins
- DescribeGrafanaWhiteList
- DescribeGrafanaNotificationChannels
- DescribeGrafanaIntegrations
- DescribeGrafanaInstances
- DescribeGrafanaEnvironments
- DescribeGrafanaConfig
- DescribeDNSConfig

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- DeleteSSOAccount
- DeleteGrafanaNotificationChannel
- DeleteGrafanaIntegration
- DeleteGrafanaInstance
- CreateSSOAccount
- CreateGrafanaNotificationChannel
- CreateGrafanaIntegration
- CreateGrafanaInstance
- CleanGrafanaInstance
- DescribeGrafanaChannels

Event Center APIs

- DescribeProductEventList
- DescribeAccidentEventList

TencentCloud Managed Service for Prometheus APIs

- CheckIsPrometheusNewUser
- CreatePrometheusTemp
- CreatePrometheusAlertPolicy
- CreatePrometheusClusterAgent
- CreatePrometheusGlobalNotification
- DeletePrometheusTemp
- DeletePrometheusTempSync
- DeletePrometheusAlertPolicy
- DeletePrometheusClusterAgent
- DescribePrometheusAgentInstances
- DescribePrometheusAlertPolicy
- DescribePrometheusInstanceDetail
- DescribePrometheusClusterAgents
- DescribePrometheusInstanceInitStatus
- DescribePrometheusGlobalConfig
- DescribePrometheusInstancesOverview
- DescribePrometheusGlobalNotification
- DescribePrometheusRecordRules
- DescribePrometheusTemp
- DescribePrometheusTempSync
- DescribePrometheusTargetsTMP
- ModifyPrometheusTemp
- ModifyPrometheusAgentExternalLabels
- ModifyPrometheusAlertPolicy

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ModifyPrometheusGlobalNotification
RunPrometheusInstance
DescribeClusterAgentCreatingProgress
SyncPrometheusTemp
Monitoring APIs
CreatePrometheusRecordRuleYaml
DeletePrometheusRecordRuleYaml
CreatePrometheusConfig
DescribePrometheusConfig
DescribePrometheusRecordRuleYaml
DeletePrometheusConfig
ModifyPrometheusRecordRuleYaml
ModifyPrometheusConfig
Data Types
Error Codes

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API Documentation History

Last updated：2024-07-08 17:32:25

Release 37

Release time: 2024-07-08 17:31:57

Release updates:

Improvement to existing documentation.

Modified data structures:

- Metric
  - New members:IsLatenessMetric
  - **Modified members:** Operators, Periods

Release 36

Release time: 2023-08-11 16:00:04

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeClusterAgentCreatingProgress

Deleted APIs:

- PutMonitorData

Modified APIs:

- DescribeAlarmNotices
  - New input parameters:OnCallFormIDs
- DescribeAlarmPolicies
  - New input parameters:PromInsId, ReceiverOnCallFormIDs

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Deleted data structures:

- MetricDatum

Modified data structures:

- Metric
  - New members:Operators, Periods
- UserNotice
  - New members:OnCallFormIDs

Release 35

Release time: 2023-04-27 10:49:50

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribePrometheusGlobalConfig
  - New output parameters:Probes

New data structures:

- Targets

Modified data structures:

- PrometheusConfigItem
  - New members:Targets
- PrometheusRecordRuleYamlItem
  - New members:Status, Id, Count

Release 34

Release time: 2023-04-25 14:49:50

Release updates:

Improvement to existing documentation.

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Modified APIs:

- DescribePrometheusClusterAgents
  - New output parameters:IsFirstBind

Modified data structures:

- Filter
  - New members:Name, Values
  - **Modified members:** Type, Key, Value
- PrometheusInstancesOverview
  - New members:ResourcePackageStatus, ResourcePackageSpecName

Release 33

Release time: 2023-04-18 10:52:59

Release updates:

Improvement to existing documentation.

Deprecated APIs:

- PutMonitorData

Modified APIs:

- CreatePrometheusRecordRuleYaml
  - New input parameters:Name
- ModifyAlarmPolicyNotice
  - New input parameters:HierarchicalNotices

Modified data structures:

- PrometheusClusterAgentBasic
  - New members:OpenDefaultRecord

Release 32

Release time: 2023-03-22 16:51:58

Release updates:

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Improvement to existing documentation.

Modified data structures:

- Label
  - New members:Name, Value
- PrometheusAgentInfo
  - New members:ClusterType, ClusterId, Describe
- PrometheusAgentOverview
  - New members:Name

Release 31

Release time: 2023-03-21 10:13:12

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribePrometheusConfig
  - New output parameters:Config, ServiceMonitors, PodMonitors, RawJobs, Probes

New data structures:

- DescribePolicyConditionListResponseDeprecatingInfo

Modified data structures:

- AlarmPolicyCondition
  - New members:ComplexExpression
- DescribePolicyConditionListCondition
  - New members:DeprecatingInfo

Release 30

Release time: 2023-02-24 15:20:38

Release updates:

Improvement to existing documentation.

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New APIs:

- CreatePrometheusAlertPolicy
- CreatePrometheusClusterAgent
- CreatePrometheusConfig
- CreatePrometheusGlobalNotification
- DeletePrometheusAlertPolicy
- DeletePrometheusClusterAgent
- DeletePrometheusConfig
- DescribePrometheusClusterAgents
- DescribePrometheusGlobalConfig
- DescribePrometheusGlobalNotification
- DescribePrometheusTargetsTMP
- ModifyPrometheusAgentExternalLabels
- ModifyPrometheusAlertPolicy
- ModifyPrometheusConfig
- ModifyPrometheusGlobalNotification

Modified APIs:

- DescribePrometheusZones
  - New input parameters:RegionName
  - **Modified input parameters:** RegionId

New data structures:

- PrometheusAgentInfo
- PrometheusAgentOverview
- PrometheusClusterAgentBasic
- PrometheusClusterAgentPodConfig
- PrometheusJobTargets
- Toleration

Release 29

Release time: 2023-02-06 14:42:33

Release updates:

Improvement to existing documentation.

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New APIs:

- CheckIsPrometheusNewUser
- CreatePrometheusRecordRuleYaml
- CreatePrometheusTemp
- DeletePrometheusRecordRuleYaml
- DeletePrometheusTemp
- DeletePrometheusTempSync
- DescribePrometheusAgentInstances
- DescribePrometheusAlertPolicy
- DescribePrometheusConfig
- DescribePrometheusInstanceDetail
- DescribePrometheusInstanceInitStatus
- DescribePrometheusInstancesOverview
- DescribePrometheusRecordRuleYaml
- DescribePrometheusRecordRules
- DescribePrometheusTemp
- DescribePrometheusTempSync
- ModifyPrometheusRecordRuleYaml
- ModifyPrometheusTemp
- RunPrometheusInstance
- SyncPrometheusTemp

New data structures:

- Filter
- Label
- PrometheusAlertManagerConfig
- PrometheusAlertPolicyItem
- PrometheusAlertRule
- PrometheusConfigItem
- PrometheusInstancesOverview
- PrometheusNotificationItem
- PrometheusRecordRuleYamlItem
- PrometheusTemp
- PrometheusTempModify
- PrometheusTemplateSyncTarget
- TaskStepInfo

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Release 28

Release time: 2023-02-01 17:13:52

Release updates:

Improvement to existing documentation.

New APIs:

- DescribePrometheusInstanceUsage

Modified APIs:

- BindingPolicyObject
  - New input parameters:EbSubject, EbEventFlag
- CreateAlarmPolicy
  - New input parameters:EbSubject
- DeleteAlarmNotices
  - New input parameters:NoticeBindPolicys
- ModifyAlarmNotice
  - New input parameters:PolicyIds
- ModifyAlarmPolicyCondition
  - New input parameters:NoticeIds, Enable, PolicyName, EbSubject
- UnBindingAllPolicyObject
  - New input parameters:EbSubject, EbEventFlag
- UnBindingPolicyObject
  - New input parameters:EbSubject, EbEventFlag

New data structures:

- NoticeBindPolicys
- PrometheusInstanceTenantUsage

Release 27

Release time: 2023-01-04 14:25:18

Release updates:

Improvement to existing documentation.

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New APIs:

- DescribePrometheusZones

New data structures:

- PrometheusZoneItem

Release 26

Release time: 2022-11-07 16:32:26

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateAlarmPolicy
  - New input parameters:HierarchicalNotices, MigrateFlag

New data structures:

- AlarmHierarchicalNotice

Release 25

Release time: 2022-10-31 17:51:45

Release updates:

Improvement to existing documentation.

Modified APIs:

- GetMonitorData
  - New output parameters:Msg

Modified data structures:

- PrometheusInstancesItem
  - New members:MigrationType

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Release 24

Release time: 2022-10-18 15:47:05

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeGrafanaChannels

Modified APIs:

- CreateAlarmNotice
  - New input parameters:Tags
- CreateAlarmPolicy
  - New input parameters:Tags, LogAlarmReqInfo
- DescribeAlarmNotices
  - New input parameters:Tags
- DescribeAlarmPolicies
  - New input parameters:NotBindAll, NotInstanceGroup, Tags
- DescribeConditionsTemplateList
  - New input parameters:PolicyCountOrder
- DescribeInstalledPlugins
  - New input parameters:PluginId
- DescribeSSOAccount
  - New input parameters:UserId
- ModifyAlarmPolicyCondition
  - New input parameters:LogAlarmReqInfo

New data structures:

- AlarmHierarchicalValue
- GrafanaChannel
- LogAlarmReq
- LogFilterInfo
- Tag

Modified data structures:

- AlarmNotice

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  - New members:Tags
- AlarmPolicy
  - New members:IsBindAll, Tags
- AlarmPolicyRule
  - New members:ValueMax, ValueMin, HierarchicalValue
- Condition
  - New members:IsAdvanced, IsOpen, ProductId
- GrafanaAccountInfo
  - New members:InstanceId, Uin
- GrafanaIntegrationConfig
  - New members:GrafanaURL
- GrafanaNotificationChannel
  - New members:OrgId, ExtraOrgIds, OrgIds, OrganizationIds
- PrometheusInstancesItem
  - New members:AlertRuleLimit, RecordingRuleLimit
- RecordingRuleSet
  - New members:RuleName

Release 23

Release time: 2022-09-07 14:43:17

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateGrafanaIntegration
  - New output parameters:IntegrationId
- CreateGrafanaNotificationChannel
  - New input parameters:OrganizationIds
  - New output parameters:ChannelId
- CreateSSOAccount
  - New output parameters:UserId
- InstallPlugins
  - New output parameters:PluginIds
- UpdateGrafanaNotificationChannel
  - New input parameters:OrganizationIds

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Modified data structures:

- AlarmNotice
  - New members:AMPConsumerId

Release 22

Release time: 2022-08-31 10:38:58

Release updates:

Improvement to existing documentation.

New APIs:

- CleanGrafanaInstance
- CreateGrafanaInstance
- CreateGrafanaIntegration
- CreateGrafanaNotificationChannel
- CreateSSOAccount
- DeleteGrafanaInstance
- DeleteGrafanaIntegration
- DeleteGrafanaNotificationChannel
- DeleteSSOAccount
- DescribeDNSConfig
- DescribeGrafanaConfig
- DescribeGrafanaEnvironments
- DescribeGrafanaInstances
- DescribeGrafanaIntegrations
- DescribeGrafanaNotificationChannels
- DescribeGrafanaWhiteList
- DescribeInstalledPlugins
- DescribeSSOAccount
- EnableGrafanaInternet
- EnableGrafanaSSO
- EnableSSOCamCheck
- InstallPlugins
- ModifyGrafanaInstance
- ResumeGrafanaInstance
- UninstallGrafanaPlugins

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- UpdateDNSConfig
- UpdateGrafanaConfig
- UpdateGrafanaEnvironments
- UpdateGrafanaIntegration
- UpdateGrafanaNotificationChannel
- UpdateGrafanaWhiteList
- UpdateSSOAccount
- UpgradeGrafanaInstance

Modified APIs:

- DescribeAllNamespaces
  - New output parameters:CommonNamespaces
- DescribeBasicAlarmList
  - New output parameters:Warning
- DescribePolicyGroupList
  - New output parameters:Warning

New data structures:

- CommonNamespaceNew
- DimensionNew
- GrafanaAccountInfo
- GrafanaAccountRole
- GrafanaInstanceInfo
- GrafanaIntegrationConfig
- GrafanaNotificationChannel
- GrafanaPlugin
- Operator

Release 21

Release time: 2022-08-23 15:28:11

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeMonitorTypes

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- New output parameters:MonitorTypeInfos

New data structures:

- MonitorTypeInfo

Release 20

Release time: 2022-07-25 16:46:46

Release updates:

Improvement to existing documentation.

New APIs:

- BindPrometheusManagedGrafana
- CreateAlertRule
- CreateExporterIntegration
- CreatePrometheusAgent
- CreatePrometheusMultiTenantInstancePostPayMode
- CreatePrometheusScrapeJob
- CreateRecordingRule
- CreateServiceDiscovery
- DeleteAlertRules
- DeleteExporterIntegration
- DeletePrometheusScrapeJobs
- DeleteRecordingRules
- DescribeAlertRules
- DescribeExporterIntegrations
- DescribePrometheusAgents
- DescribePrometheusInstances
- DescribePrometheusScrapeJobs
- DescribeRecordingRules
- DescribeServiceDiscovery
- DestroyPrometheusInstance
- GetPrometheusAgentManagementCommand
- ModifyPrometheusInstanceAttributes
- TerminatePrometheusInstances
- UnbindPrometheusManagedGrafana

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- UninstallGrafanaDashboard
- UpdateAlertRule
- UpdateAlertRuleState
- UpdateExporterIntegration
- UpdatePrometheusAgentStatus
- UpdatePrometheusScrapeJob
- UpdateRecordingRule
- UpgradeGrafanaDashboard

New data structures:

- IntegrationConfiguration
- ManagementCommand
- PrometheusAgent
- PrometheusInstanceGrantInfo
- PrometheusInstancesItem
- PrometheusRuleKV
- PrometheusRuleSet
- PrometheusScrapeJob
- PrometheusTag
- RecordingRuleSet
- ServiceDiscoveryItem

Release 19

Release time: 2022-06-08 10:20:41

Release updates:

Improvement to existing documentation.

Modified data structures:

- AlarmPolicy
  - New members:AdvancedMetricNumber
- AlarmPolicyRule
  - New members:IsAdvanced, IsOpen, ProductId
- Metric
  - New members:IsAdvanced, IsOpen, ProductId

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Release 18

Release time: 2022-05-19 11:20:50

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeAlarmPolicies
  - New input parameters:OneClickPolicyType

Modified data structures:

- AlarmPolicy
  - New members:IsOneClick, OneClickStatus

Release 17

Release time: 2022-05-05 15:57:45

Release updates:

Improvement to existing documentation.

Modified data structures:

- URLNotice
  - New members:Weekday
- UserNotice
  - New members:Weekday

Release 16

Release time: 2022-04-07 10:50:05

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateAlarmNotice

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  - New input parameters:CLSNotices
- DescribeAlarmPolicies
  - New input parameters:TriggerTasks
- ModifyAlarmNotice
  - New input parameters:CLSNotices

New data structures:

- CLSNotice

Modified data structures:

- AlarmNotice
  - New members:CLSNotices

Release 15

Release time: 2022-03-17 09:50:13

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeConditionsTemplateList

Modified APIs:

- ModifyAlarmPolicyNotice
  - New input parameters:PolicyIds
  - **Modified input parameters:** PolicyId

New data structures:

- Condition
- EventCondition
- PolicyGroup
- PolicyGroupReceiverInfo
- TemplateGroup

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Release 14

Release time: 2022-03-01 10:25:29

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeAlarmPolicies
  - New input parameters:NeedCorrespondence

Modified data structures:

- AlarmPolicy
  - New members:FilterDimensionsParam
- UserNotice
  - New members:PhoneCallType

Release 13

Release time: 2022-02-10 16:46:24

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeBaseMetrics
  - New input parameters:Dimensions

Release 12

Release time: 2022-01-25 11:27:20

Release updates:

Improvement to existing documentation.

Modified data structures:

- URLNotice

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- New members:StartTime, EndTime

Release 11

Release time: 2021-12-09 16:24:12

Release updates:

Improvement to existing documentation.

Modified APIs:

- BindingPolicyObject
  - **Modified input parameters:** GroupId

Release 10

Release time: 2021-10-13 10:50:02

Release updates:

Improvement to existing documentation.

Modified data structures:

- MetricSet
  - New members:MetricCName, MetricEName

Release 9

Release time: 2021-09-15 16:16:11

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeAlarmNotices
  - New input parameters:NoticeIds

Release 8

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Release time: 2021-08-26 10:51:08

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeAlarmPolicies
  - New input parameters:InstanceGroupId

Release 7

Release time: 2021-08-06 16:31:22

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeBindingPolicyObjectList
  - New input parameters:PolicyId

Modified data structures:

- AlarmHistory
  - New members:Dimensions

Release 6

Release time: 2021-07-02 15:46:46

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateAlarmPolicy
  - New input parameters:Filter, GroupBy
- DescribeAlarmEvents
  - New input parameters:MonitorType
- ModifyAlarmPolicyCondition

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- New input parameters:Filter, GroupBy

Release 5

Release time: 2021-04-19 11:24:46

Release updates:

Improvement to existing documentation.

Modified APIs:

- CreateAlarmPolicy
  - New input parameters:ConditionTemplateId
- ModifyAlarmPolicyCondition
  - New input parameters:ConditionTemplateId

New data structures:

- AlarmHistoryMetric

Modified data structures:

- AlarmHistory
  - New members:MetricsInfo

Release 4

Release time: 2021-02-08 11:15:56

Release updates:

Improvement to existing documentation.

Modified APIs:

- DescribeAlarmPolicies
  - New input parameters:NotBindingNoticeRule

New data structures:

- TagInstance

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Modified data structures:

- AlarmPolicy
  - New members:TagInstances
- DescribeProductEventListEvents
  - New members:ViewName

Release 3

Release time: 2021-01-26 14:26:36

Release updates:

Improvement to existing documentation.

New APIs:

- DescribeStatisticData

Modified APIs:

- BindingPolicyObject
  - New input parameters:PolicyId
- UnBindingAllPolicyObject
  - New input parameters:PolicyId
- UnBindingPolicyObject
  - New input parameters:PolicyId

New data structures:

- MetricData
- MetricDataPoint
- MidQueryCondition
- Point

Release 2

Release time: 2021-01-11 14:26:08

Release updates:

Improvement to existing documentation.

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New APIs:

- CreateAlarmNotice
- CreateAlarmPolicy
- DeleteAlarmNotices
- DeleteAlarmPolicy
- DescribeAlarmEvents
- DescribeAlarmHistories
- DescribeAlarmMetrics
- DescribeAlarmNotice
- DescribeAlarmNoticeCallbacks
- DescribeAlarmNotices
- DescribeAlarmPolicies
- DescribeAlarmPolicy
- DescribeAllNamespaces
- DescribeMonitorTypes
- ModifyAlarmNotice
- ModifyAlarmPolicyCondition
- ModifyAlarmPolicyInfo
- ModifyAlarmPolicyNotice
- ModifyAlarmPolicyStatus
- ModifyAlarmPolicyTasks
- SetDefaultAlarmPolicy

New data structures:

- AlarmEvent
- AlarmHistory
- AlarmNotice
- AlarmPolicy
- AlarmPolicyCondition
- AlarmPolicyEventCondition
- AlarmPolicyFilter
- AlarmPolicyRule
- AlarmPolicyTriggerTask
- CommonNamespace
- ConditionsTemp
- InstanceGroups
- Metric

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- MetricConfig
- MonitorTypeNamespace
- URLNotice
- UserNotice

Existing Release

Release time: 2020-08-13 23:32:07

Existing APIs/data structures are as follows:

Improvement to existing documentation.

Existing APIs:

- BindingPolicyObject
- CreatePolicyGroup
- DeletePolicyGroup
- DescribeAccidentEventList
- DescribeBaseMetrics
- DescribeBasicAlarmList
- DescribeBindingPolicyObjectList
- DescribePolicyConditionList
- DescribePolicyGroupInfo
- DescribePolicyGroupList
- DescribeProductEventList
- GetMonitorData
- ModifyAlarmReceivers
- ModifyPolicyGroup
- PutMonitorData
- SendCustomAlarmMsg
- UnBindingAllPolicyObject
- UnBindingPolicyObject

Existing data structures:

- BindingPolicyObjectDimension
- CreatePolicyGroupCondition
- CreatePolicyGroupEventCondition
- DataPoint

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- DescribeAccidentEventListAlarms
- DescribeBasicAlarmListAlarms
- DescribeBindingPolicyObjectListDimension
- DescribeBindingPolicyObjectListInstance
- DescribeBindingPolicyObjectListInstanceGroup
- DescribePolicyConditionListCondition
- DescribePolicyConditionListConfigManual
- DescribePolicyConditionListConfigManualCalcType
- DescribePolicyConditionListConfigManualCalcValue
- DescribePolicyConditionListConfigManualContinueTime
- DescribePolicyConditionListConfigManualPeriod
- DescribePolicyConditionListConfigManualPeriodNum
- DescribePolicyConditionListConfigManualStatType
- DescribePolicyConditionListEventMetric
- DescribePolicyConditionListMetric
- DescribePolicyGroupInfoCallback
- DescribePolicyGroupInfoCondition
- DescribePolicyGroupInfoConditionTpl
- DescribePolicyGroupInfoEventCondition
- DescribePolicyGroupInfoReceiverInfo
- DescribePolicyGroupListGroup
- DescribePolicyGroupListGroupInstanceGroup
- DescribeProductEventListDimensions
- DescribeProductEventListEvents
- DescribeProductEventListEventsDimensions
- DescribeProductEventListEventsGroupInfo
- DescribeProductEventListOverView
- Dimension
- DimensionsDesc
- Instance
- InstanceGroup
- MetricDatum
- MetricObjectMeaning
- MetricSet
- ModifyPolicyGroupCondition
- ModifyPolicyGroupEventCondition
- PeriodsSt
- ReceiverInfo

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Introduction

Last updated：2024-07-08 16:53:13

Cloud Monitor (CM) provides comprehensive Tencent Cloud service data monitoring, smart data analysis, real-time failure alarms, and custom data reports to help you precisely monitor the health of services in real time.

You can use the APIs in this document to perform various operations on the CM service, such as reading monitoring data. For supported operations, see API Overview.

You need to fully understand the concepts in Product Introduction and Monitoring Overview before using these APIs.

> Note:
>
> - All CM APIs described here have been upgraded to API 3.0. New CM features will be updated here. We recommend that you use API 3.0.
> - Legacy APIs remain available but will not be updated.

The following describes the common terms used in CM:

1. Terms

Term	Description
Namespace	A namespace is a container for metrics. Metrics in different namespaces are isolated from each other, so that metrics from different applications will not be mistakenly aggregated into the same statistics.
Metric	A metric can be seen as a variable to monitor, and its data points represent the values of that variable over time. For example, the CPU utilization of a CVM instance is a metric, and the capacity utilization of a TencentDB instance is another metric.
Dimension	A dimension is a name-value pair structure that identifies a monitoring object and is used to describe its characteristics.

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API Category

Last updated：2024-07-08 17:35:40

Monitoring data query APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeBaseMetrics	Gets the attributes of basic metrics	20
DescribeStatisticData	Queries monitoring data by dimension conditions	20
GetMonitorData	Pulls metric monitoring data	50

Alarm APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeAlarmHistories	Queries alarm records	20
DeleteAlarmPolicy	Deletes alarm policy	20
DescribeAlarmPolicies	Queries the list of alarm policies (by instance, etc.)	60
DescribeAlarmPolicy	Gets the details of single alarm policy	60
ModifyAlarmPolicyStatus	Enables/Disables alarm policy	20
SetDefaultAlarmPolicy	Sets default alarm policy	20
BindingPolicyObject	Binds a policy object.	20
UnBindingPolicyObject	Deletes an object that is bound to a policy.	20
UnBindingAllPolicyObject	Deletes all bound objects.	20
DescribeBindingPolicyObjectList	Gets the bound object list.	20

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ModifyAlarmPolicyInfo	Modifies the basic information of an alarm policy	20
ModifyAlarmPolicyCondition	Modifies the trigger condition of an alarm policy	20
DescribeAllNamespaces	Queries all namespaces	20
DescribeAlarmMetrics	Queries alarm metric list	20
DescribeAlarmEvents	Queries alarm event list	20
DescribeConditionsTemplateList	Gets the trigger condition template	20
CreateAlarmPolicy	Creates an alarm policy	20
DescribeMonitorTypes	Queries monitor types	20
ModifyAlarmPolicyNotice	Modifies alarm notification template bound to alarm policy	20
ModifyAlarmPolicyTasks	Modifies task triggered by alarm policy	20
SendCustomAlarmMsg	Sends a custom alarm notification.	20

Legacy Alert APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePolicyGroup	Adds a policy group.	20
DeletePolicyGroup	Deletes an alarm policy group.	20
DescribeBasicAlarmList	Gets the basic alarm list.	20
DescribePolicyConditionList	Gets basic alarm policy conditions.	20
DescribePolicyGroupInfo	Gets details of a basic policy group.	20
DescribePolicyGroupList	Gets the list of basic policy alarm groups.	20

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ModifyAlarmReceivers	Modifies alarm recipients.	20
ModifyPolicyGroup	Updates policy group	20

Notification template APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateAlarmNotice	Creates notification template	20
DescribeAlarmNotices	Queries notification template list	20
DescribeAlarmNotice	Queries the details of single notification template	20
DeleteAlarmNotices	Deletes alarm notification templates in batches	20
DescribeAlarmNoticeCallbacks	Gets the list of all callback URLs under account	20
ModifyAlarmNotice	Modifies notification template	20

Prometheus Service APIs

API Name	Feature	Frequency Limit (maximum requests per second)
BindPrometheusManagedGrafana	Binds a TencentCloud Managed Service for Grafana (TCMG) instance	20
CreateAlertRule	Creates an alerting rule	20
CreateExporterIntegration	Creates an exporter integration	20
CreatePrometheusAgent	Creates a Prometheus CVM agent	20
CreatePrometheusMultiTenantInstancePostPayMode	Creates a pay-as-you-go	20

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	Prometheus instance	
CreatePrometheusScrapeJob	Creates a Prometheus scrape task	20
CreateRecordingRule	Creates a recording rule	20
CreateServiceDiscovery	Creates a scrape configuration	20
DeleteAlertRules	Deletes alerting rules	20
DeleteExporterIntegration	Deletes an exporter integration	20
DeletePrometheusScrapeJobs	Deletes a Prometheus scrape task	20
DeleteRecordingRules	Deletes recording rules	20
DescribeAlertRules	Queries an alerting rule	20
DescribeExporterIntegrations	Queries the list of exporter integrations	20
DescribePrometheusAgents	Lists Prometheus CVM agents	20
DescribePrometheusInstanceUsage	Queries the usage of a pay-as-you-go TMP instance	20
DescribePrometheusInstances	Queries the list of Prometheus instances	20
DescribePrometheusScrapeJobs	Lists Prometheus scrape tasks	20
DescribeRecordingRules	Queries recording rules	20
DescribeServiceDiscovery	Lists scrape configurations	20
DestroyPrometheusInstance	Forcibly releases a Prometheus instance	20
GetPrometheusAgentManagementCommand	Gets the command line for Prometheus agent management	20
ModifyPrometheusInstanceAttributes	Modifies the attributes of a	20

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	Prometheus instance	
TerminatePrometheusInstances	Terminates a pay-as-you-go Prometheus instance	20
UnbindPrometheusManagedGrafana	Unbinds a Grafana instance from an instance	20
UninstallGrafanaDashboard	Deletes a Grafana dashboard	20
UpdateAlertRule	Updates an alerting rule	20
UpdateAlertRuleState	Updates the status of an alerting rule	20
UpdateExporterIntegration	Updates the exporter integration configuration	20
UpdatePrometheusAgentStatus	Updates the status of a Prometheus CVM agent	20
UpdatePrometheusScrapeJob	Updates a Prometheus scrape task	20
UpdateRecordingRule	Updates a recording rule	20
UpgradeGrafanaDashboard	Updates a Grafana dashboard	20
DescribePrometheusZones	Lists TMP AZs	20

Grafana Service APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreateGrafanaIntegration	Creates a Grafana integration configuration	20
CreateSSOAccount	Authorizes another Tencent Cloud user	20
DeleteGrafanaInstance	Deletes a Grafana instance	20
DeleteGrafanaIntegration	Deletes a Grafana integration configuration	20

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DeleteSSOAccount	Deletes an authorized user	20
DescribeGrafanaChannels	Lists all Grafana alert channels	20
DescribeGrafanaConfig	Lists Grafana settings	20
DescribeGrafanaInstances	Lists all Grafana instances under a user account	20
DescribeGrafanaIntegrations	Lists installed Grafana integrations	20
DescribeInstalledPlugins	Lists the plugins installed in an instance	20
DescribeSSOAccount	Lists authorized accounts	20
EnableGrafanaInternet	Sets the Grafana public network access	20
EnableGrafanaSSO	Sets the Grafana SSO	20
EnableSSOCamCheck	Sets whether to enable authentication during SSO	20
InstallPlugins	Installs a Grafana plugin	20
ModifyGrafanaInstance	Modifies the attributes of a Grafana instance	20
UninstallGrafanaPlugins	Deletes installed plugins	20
UpdateGrafanaConfig	Updates the Grafana configuration	20
UpdateGrafanaIntegration	Updates the Grafana integration configuration	20
UpdateSSOAccount	Updates the account information	20
CleanGrafanaInstance	Forcibly terminates a Grafana instance	20
CreateGrafanaNotificationChannel	Creates a Grafana notification channel	20
DeleteGrafanaNotificationChannel	Deletes a Grafana notification channel	20

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DescribeDNSConfig	Lists Grafana DNS configurations	20
DescribeGrafanaEnvironments	Lists Grafana environment variables	20
DescribeGrafanaNotificationChannels	Lists Grafana notification channels	20
DescribeGrafanaWhiteList	Lists the Grafana allowlist	20
ResumeGrafanaInstance	Restores a Grafana instance	20
UpdateDNSConfig	Updates the Grafana DNS configuration	20
UpdateGrafanaEnvironments	Updates Grafana environment variables	20
UpdateGrafanaNotificationChannel	Updates the Grafana notification channel	20
UpdateGrafanaWhiteList	Updates the Grafana allowlist	20
UpgradeGrafanaInstance	Upgrades a Grafana instance	20
CreateGrafanaInstance	Creates a Grafana instance	20

Event center APIs

API Name	Feature	Frequency Limit (maximum requests per second)
DescribeProductEventList	Gets the list of product events.	20
DescribeAccidentEventList	Gets the platform event list.	20

TencentCloud Managed Service for Prometheus APIs

API Name	Feature	Frequency Limit (maximum requests per second)

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CheckIsPrometheusNewUser	Determines whether the user is new to TMP	20
CreatePrometheusAlertPolicy	Creates an alerting rule	20
CreatePrometheusGlobalNotification	Creates a global alert notification channel	20
CreatePrometheusTemp	Creates a template	20
DeletePrometheusAlertPolicy	Deletes a TMP 2.0 instance alerting rule	20
DeletePrometheusClusterAgent	Disassociates a TMP instance from a cluster	20
DeletePrometheusTemp	Deletes a template	20
DeletePrometheusTempSync	Unsyncs a template	20
DescribeClusterAgentCreatingProgress	Obtains the cluster binding progress	20
DescribePrometheusAgentInstances	Gets the list of instances associated with the target cluster	20
DescribePrometheusGlobalNotification	Queries the global alert notification channel	20
DescribePrometheusInstanceDetail	Gets the details of a TMP instance	20
DescribePrometheusInstanceInitStatus	Gets the initialization task status of a v2.0 instance	20
DescribePrometheusTargetsTMP	Gets the targets information	20
DescribePrometheusTempSync	Gets the information of instances associated with a template	20
ModifyPrometheusAgentExternalLabels	Modifies the external labels of the associated cluster	20
ModifyPrometheusAlertPolicy	Modifies a TMP 2.0 instance alerting rule	20
ModifyPrometheusGlobalNotification	Modifies the global alert notification channel	20
ModifyPrometheusTemp	Modifies a template	20

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RunPrometheusInstance	Initializes a TMP instance	20
SyncPrometheusTemp	Syncs a template	20
CreatePrometheusClusterAgent	Associates a TMP 2.0 instance with a cluster	20
DescribePrometheusClusterAgents	Gets the list of clusters associated with the TMP instance	20
DescribePrometheusGlobalConfig	Gets the instance-level scrape configurations	20
DescribePrometheusRecordRules	Gets the list of recording rules, including resources in the associated cluster	20
DescribePrometheusAlertPolicy	Gets the list of v2.0 instance alerting rules	20
DescribePrometheusInstancesOverview	Gets the list of v2.0 instances	20
DescribePrometheusTemp	Gets the list of templates	20

Monitoring APIs

API Name	Feature	Frequency Limit (maximum requests per second)
CreatePrometheusConfig	Creates Prometheus configurations	20
DeletePrometheusConfig	Deletes Prometheus configurations	20
DeletePrometheusRecordRuleYaml	Deletes a recording instance	20
DescribePrometheusRecordRuleYaml	Gets the YAML list of Prometheus recording rules	20
ModifyPrometheusConfig	Modifies the Prometheus configuration	20
ModifyPrometheusRecordRuleYaml	Modifies a Prometheus recording instance through YAML	20
DescribePrometheusConfig	Gets the Prometheus configuration	20

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CreatePrometheusRecordRuleYaml	Creates a recording rule in the YAML way	20

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Making API Requests
Request Structure

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1. Service Address

The API supports access from either a nearby region (at monitor.tencentcloudapi.com) or a specified region (at monitor.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 "monitor.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)	monitor.tencentcloudapi.com
South China (Guangzhou)	monitor.ap-guangzhou.tencentcloudapi.com
East China (Shanghai)	monitor.ap-shanghai.tencentcloudapi.com
North China (Beijing)	monitor.ap-beijing.tencentcloudapi.com
Southwest China (Chengdu)	monitor.ap-chengdu.tencentcloudapi.com
Southwest China (Chongqing)	monitor.ap-chongqing.tencentcloudapi.com
Hong Kong, Macao, Taiwan (Hong Kong, China)	monitor.ap-hongkong.tencentcloudapi.com
Southeast Asia (Singapore)	monitor.ap-singapore.tencentcloudapi.com

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

Note: As financial availability zones and non-financial availability zones are isolated, when accessing the services in a financial availability zone (with the common parameter `Region` specifying a financial availability zone), it is necessary to specify a domain name of the financial availability zone, preferably in the same region as specified in `Region` .

Access region for financial availability zone	Domain name for financial availability zone
East China (Shanghai Finance)	monitor.ap-shanghai-fsi.tencentcloudapi.com
South China (Shenzhen Finance)	monitor.ap-shenzhen-fsi.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

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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 tempora can obtain the temporary key and token by calling a CAM API. No token i a long-term key.

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

Example of an HTTP GET request structure:

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

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

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

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

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

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

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

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

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

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

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

10
--58731222010402--
```

Common parameters for Signature Algorithm v1

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

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

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

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

Example of an HTTP GET request structure:

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

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

Example of an HTTP POST request structure:

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

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

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

Region List

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

Region	Value
Southeast Asia (Bangkok)	ap-bangkok
North China (Beijing)	ap-beijing
Southwest China (Chengdu)	ap-chengdu
Southwest China (Chongqing)	ap-chongqing
South China (Guangzhou)	ap-guangzhou
Hong Kong/Macao/Taiwan (China) (Hong Kong (China))	ap-hongkong
Southeast Asia (Jakarta)	ap-jakarta
South Asia (Mumbai)	ap-mumbai
East China (Nanjing)	ap-nanjing
Northeast Asia (Seoul)	ap-seoul
East China (Shanghai)	ap-shanghai
East China (Shanghai Finance)	ap-shanghai-fsi
South China (Shenzhen Finance)	ap-shenzhen-fsi
Southeast Asia (Singapore)	ap-singapore
Northeast Asia (Tokyo)	ap-tokyo

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Europe (Frankfurt)	eu-frankfurt
East US (Virginia)	na-ashburn
West US (Silicon Valley)	na-siliconvalley
North America (Toronto)	na-toronto
South America (São Paulo)	sa-saopaulo

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Signature v3

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

Applying for Security Credentials

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

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

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

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

Using the Resources for Developers

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

TC3-HMAC-SHA256 Signature Algorithm

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

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

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

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

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

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

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

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

The signature calculation process is explained in detail below.

1. Concatenating the CanonicalRequest String

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

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

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

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

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

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

```
POST
/

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

content-type;host
99d58dfbc6745f6747f36bfca17dee5e6881dc0428a0a36f96199342bc5b4907
```

2. Concatenating the String to Be Signed

The string to sign is concatenated as follows:

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

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

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

Note:

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

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

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

3. Calculating the Signature

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

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

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

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

2. Calculate the signature with the following pseudocode:

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

4. Concatenating the Authorization

The Authorization is concatenated as follows:

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

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

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

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

The following example shows a finished authorization header:

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

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

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

5. Signature Demo

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

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

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

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

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

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

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

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Java

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Python

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

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

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

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

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

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


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

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

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

Golang

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```go
package main

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

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

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

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

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

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

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

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

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

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

PHP

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

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

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

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

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

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

Ruby

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

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

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

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

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

puts canonical_request

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

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

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

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

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

DotNet

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

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

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

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

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

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

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

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

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

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

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

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

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

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NodeJS

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

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

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

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

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

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

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

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

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

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

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

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

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

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C++

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

using namespace std;

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

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

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

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

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

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

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

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

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```
return output;
}

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

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

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

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

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

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

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

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

Signature Failure

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

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

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Signature

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

1. Applying for Security Credentials

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

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

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

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

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

2. Generating a Signature

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

Assume that the SecretId and SecretKey are:

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

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

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

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

2.1. Sorting Parameters

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

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

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

2.2. Concatenating a Request String

This step generates a request string.

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

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

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

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

2.3. Concatenating the Signature Original String

This step generates a signature original string.

The signature original string consists of the following parameters:

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

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

The concatenation result of the example is:

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

2.4. Generating a Signature String

This step generates a signature string.

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

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

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

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

The final signature is:

```
zmmjn35mikh6pM3V7sUEuX4wyYM=
```

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

3. Encoding a Signature String

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

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

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

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

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

4. Signature Failure

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

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

5. Signature Demo

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

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

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

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

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

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

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

Java

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

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

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

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

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

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

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

Python

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

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

import requests

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

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

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

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

Golang

```
package main

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

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

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

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

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

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

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

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

PHP

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

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

ksort($param);

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

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

Ruby

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

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

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

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

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

DotNet

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

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

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

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

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

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

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

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

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

NodeJS

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

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

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

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

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

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

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

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

strParam = sort_params(params)

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

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

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

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Responses

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Response for Successful Requests

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

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

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

Response for Failed Requests

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

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

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

Common Error Codes

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

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

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

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Alarm APIs
DescribeAlarmPolicies

Last updated：2024-07-08 17:36:11

1. API Description

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

This API is used to query the list of alarm policies.

A maximum of 60 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: DescribeAlarmPolicies.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Value fixed at "monitor"
PageNumber	No	Integer	Page number starting from 1. Default value: 1
PageSize	No	Integer	Number of entries per page. Value range: 1–100. Default value: 20

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PolicyName	No	String	Fuzzy search by policy name
MonitorTypes.N	No	Array of String	Filter by monitor type. Valid values: MT_QCE (Tencent Cloud service monitoring). If this parameter is left empty, all will be queried by default
Namespaces.N	No	Array of String	Filter by namespace. For the values of different policy types, please see: Policy Type List
Dimensions	No	String	The alarm object list, which is a JSON string. The outer array corresponds to multiple instances, and the inner array is the dimension of an object. For example, “CVM - Basic Monitor” can be written as: `[ {"Dimensions": {"unInstanceId": "ins-qr8d555g"}}, {"Dimensions": {"unInstanceId": "ins-qr8d555h"}} ]` You can also refer to the “Example 2” below. For more information on the parameter samples of different Tencent Cloud services, see Product Policy Type and Dimension Information. Note: If `1` is passed in for `NeedCorrespondence`, the relationship between a policy and an instance needs to be returned. You can pass in up to 20 alarm object dimensions to avoid request timeout.
ReceiverUids.N	No	Array of Integer	Search by recipient. You can get the user list with the API ListUsers in “Cloud Access Management” or query the sub-user information with the API GetUser. The `Uid` field in the returned result should be entered here.
ReceiverGroups.N	No	Array of Integer	Search by recipient group. You can get the user group list with the API

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			ListGroups in “Cloud Access Management” or query the user group list where a sub-user is in with the API ListGroupsForUser. The `GroupId` field in the returned result should be entered here.
PolicyType.N	No	Array of String	Filter by default policy. Valid values: DEFAULT (display default policy), NOT_DEFAULT (display non-default policies). If this parameter is left empty, all policies will be displayed
Field	No	String	Sort by field. For example, to sort by the last modification time, use Field: "UpdateTime".
Order	No	String	Sort order. Valid values: ASC (ascending), DESC (descending)
ProjectIds.N	No	Array of Integer	ID array of the policy project, which can be viewed on the following page: Project Management
NoticeIds.N	No	Array of String	List of the notification template IDs, which can be obtained by querying the notification template list. It can be queried with the API DescribeAlarmNotices.
RuleTypes.N	No	Array of String	Filter by trigger condition. Valid values: STATIC (display policies with static threshold), DYNAMIC (display policies with dynamic threshold). If this parameter is left empty, all policies will be displayed
Enable.N	No	Array of Integer	Filter by alarm status. Valid values: [1]: enabled; [0]: disabled; [0, 1]: all
NotBindingNoticeRule	No	Integer	If `1` is passed in, alarm policies with no notification rules configured are queried. If it is left empty or other values are passed in, all alarm policies are queried.
InstanceGroupId	No	Integer	Instance group ID.

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NeedCorrespondence	No	Integer	Whether the relationship between a policy and the input parameter filter dimension is required. `1` : Yes. `0` : No. Default value: `0` .
TriggerTasks.N	No	Array of AlarmPolicyTriggerTask	Filter alarm policy by triggered task (such as auto scaling task). Up to 10 tasks can be specified.
OneClickPolicyType.N	No	Array of String	Filter by quick alarm policy. If this parameter is left empty, all policies are displayed. `ONECLICK` : Display quick alarm policies; `NOT_ONECLICK` : Display non-quick alarm policies.
NotBindAll	No	Integer	Whether the returned result needs to filter policies associated with all objects. Valid values: `1` (Yes), `0` (No).
NotInstanceGroup	No	Integer	Whether the returned result needs to filter policies associated with instance groups. Valid values: `1` (Yes), `0` (No).
Tags.N	No	Array of Tag	Filter policies by tag
PromInsId	No	String	ID of the TencentCloud Managed Service for Prometheus instance, which is used for customizing a metric policy.
ReceiverOnCallFormIDs.N	No	Array of String	Search by schedule

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of policies
Policies	Array of AlarmPolicy	Policy array

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

4. Example

Example1 Searching for policies by recipient group

This example shows you how to search for policies by recipient group.

Input Example

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

{
"Module": "monitor",
"PageSize": 10,
"PageNumber": 1
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"Policies": [
{
"PolicyId": "abc",
"PolicyName": "abc",
"Remark": "abc",
"MonitorType": "abc",
"Enable": 0,
"UseSum": 0,
"ProjectId": 0,
"ProjectName": "abc",
"Namespace": "abc",
"ConditionTemplateId": "abc",
"Condition": {
"IsUnionRule": 0,
"Rules": [
```

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```
{
"MetricName": "abc",
"Period": 0,
"Operator": "abc",
"Value": "abc",
"ContinuePeriod": 0,
"NoticeFrequency": 0,
"IsPowerNotice": 0,
"Filter": {
"Type": "abc",
"Dimensions": "abc"
},
"Description": "abc",
"Unit": "abc",
"RuleType": "abc",
"IsAdvanced": 0,
"IsOpen": 0,
"ProductId": "abc",
"ValueMax": 0,
"ValueMin": 0,
"HierarchicalValue": {
"Remind": "abc",
"Warn": "abc",
"Serious": "abc"
}
}
],
"ComplexExpression": "abc"
},
"EventCondition": {
"Rules": [
{
"MetricName": "abc",
"Period": 0,
"Operator": "abc",
"Value": "abc",
"ContinuePeriod": 0,
"NoticeFrequency": 0,
"IsPowerNotice": 0,
"Filter": {
"Type": "abc",
"Dimensions": "abc"
},
"Description": "abc",
"Unit": "abc",
"RuleType": "abc",
"IsAdvanced": 0,
```


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```
"IsOpen": 0,
"ProductId": "abc",
"ValueMax": 0,
"ValueMin": 0,
"HierarchicalValue": {
"Remind": "abc",
"Warn": "abc",
"Serious": "abc"
}
}
]
},
"NoticeIds": [
"abc"
],
"Notices": [
{
"Id": "abc",
"Name": "abc",
"UpdatedAt": "abc",
"UpdatedBy": "abc",
"NoticeType": "abc",
"UserNotices": [
{
"ReceiverType": "abc",
"UserIds": [
0
],
"GroupIds": [
0
],
"StartTime": 0,
"EndTime": 0,
"NoticeWay": [
"abc"
],
"PhoneOrder": [
0
],
"PhoneCircleTimes": 0,
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NeedPhoneArriveNotice": 0,
"PhoneCallType": "abc",
"Weekday": [
0
],
```


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```
"OnCallFormIDs": [
"abc"
]
}
],
"URLNotices": [
{
"URL": "abc",
"IsValid": 0,
"ValidationCode": "abc",
"StartTime": 0,
"EndTime": 0,
"Weekday": [
0
]
}
],
"IsPreset": 0,
"NoticeLanguage": "abc",
"PolicyIds": [
"abc"
],
"AMPConsumerId": "abc",
"CLSNotices": [
{
"Enable": 0,
"Region": "abc",
"LogSetId": "abc",
"TopicId": "abc"
}
],
"Tags": [
{
"Key": "abc",
"Value": "abc"
}
]
}
],
"TriggerTasks": [
{
"Type": "abc",
"TaskConfig": "abc"
}
],
"ConditionsTemp": {
"TemplateName": "abc",
```


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```
"Condition": {
"IsUnionRule": 0,
"Rules": [
{
"MetricName": "abc",
"Period": 0,
"Operator": "abc",
"Value": "abc",
"ContinuePeriod": 0,
"NoticeFrequency": 0,
"IsPowerNotice": 0,
"Filter": {
"Type": "abc",
"Dimensions": "abc"
},
"Description": "abc",
"Unit": "abc",
"RuleType": "abc",
"IsAdvanced": 0,
"IsOpen": 0,
"ProductId": "abc",
"ValueMax": 0,
"ValueMin": 0,
"HierarchicalValue": {
"Remind": "abc",
"Warn": "abc",
"Serious": "abc"
}
}
],
"ComplexExpression": "abc"
},
"EventCondition": {}
},
"LastEditUin": "abc",
"UpdateTime": 0,
"InsertTime": 0,
"Region": [
"abc"
],
"NamespaceShowName": "abc",
"IsDefault": 0,
"CanSetDefault": 0,
"InstanceGroupId": 0,
"InstanceSum": 0,
"InstanceGroupName": "abc",
"RuleType": "abc",
```


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```
"OriginId": "abc",
"TagInstances": [
{
"Key": "abc",
"Value": "abc",
"InstanceSum": 0,
"ServiceType": "abc",
"RegionId": 0,
"BindingStatus": 0,
"TagStatus": 0
}
],
"FilterDimensionsParam": "abc",
"IsOneClick": 0,
"OneClickStatus": 0,
"AdvancedMetricNumber": 0,
"IsBindAll": 0,
"Tags": [
{
"Key": "abc",
"Value": "abc"
}
]
}
],
"RequestId": "abc"
}
}
```


Example2 Searching for an alarm policy associated with a CVM

This example shows you how to filter policies by instance. You need to specify the monitoring/policy type and enter the dimension information of an instance. In this example, we will filter policies by searching for two CVMs with the IDs `ins-qr8d555g` and `ins-qr8d555h` , respectively.

`MonitorTypes` is specified as `MT_QCE` .

`Namespaces` is specified as `cvm_device` .

The JSON string specified for `Dimensions` is


```
[
{
"Dimensions": {
"unInstanceId": "ins-qr8d555g"
}
```


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```
},
{
"Dimensions": {
"unInstanceId": "ins-qr8d555h"
}
}
]
```

For more information on the sample parameters of different Tencent Cloud services, see Product Policy Type and Dimension Information.

Input Example

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

{
"Module": "monitor",
"PageSize": 10,
"PageNumber": 1,
"MonitorTypes": [
"MT_QCE"
],
"Namespaces": [
"cvm_device"
],
"Dimensions": "[{\"Dimensions\": { \"unInstanceId\": \"ins-qr8d555g\"}},{ \"Dimen
sions\": { \"unInstanceId\": \"ins-qr8d555h\"}}]"
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"Policies": [
{
"PolicyId": "abc",
"PolicyName": "abc",
"Remark": "abc",
"MonitorType": "abc",
"Enable": 0,
"UseSum": 0,
```

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```
"ProjectId": 0,
"ProjectName": "abc",
"Namespace": "abc",
"ConditionTemplateId": "abc",
"Condition": {
"IsUnionRule": 0,
"Rules": [
{
"MetricName": "abc",
"Period": 0,
"Operator": "abc",
"Value": "abc",
"ContinuePeriod": 0,
"NoticeFrequency": 0,
"IsPowerNotice": 0,
"Filter": {
"Type": "abc",
"Dimensions": "abc"
},
"Description": "abc",
"Unit": "abc",
"RuleType": "abc",
"IsAdvanced": 0,
"IsOpen": 0,
"ProductId": "abc",
"ValueMax": 0,
"ValueMin": 0,
"HierarchicalValue": {
"Remind": "abc",
"Warn": "abc",
"Serious": "abc"
}
}
],
"ComplexExpression": "abc"
},
"EventCondition": {
"Rules": [
{
"MetricName": "abc",
"Period": 0,
"Operator": "abc",
"Value": "abc",
"ContinuePeriod": 0,
"NoticeFrequency": 0,
"IsPowerNotice": 0,
"Filter": {
```


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```
"Type": "abc",
"Dimensions": "abc"
},
"Description": "abc",
"Unit": "abc",
"RuleType": "abc",
"IsAdvanced": 0,
"IsOpen": 0,
"ProductId": "abc",
"ValueMax": 0,
"ValueMin": 0,
"HierarchicalValue": {
"Remind": "abc",
"Warn": "abc",
"Serious": "abc"
}
}
]
},
"NoticeIds": [
"abc"
],
"Notices": [
{
"Id": "abc",
"Name": "abc",
"UpdatedAt": "abc",
"UpdatedBy": "abc",
"NoticeType": "abc",
"UserNotices": [
{
"ReceiverType": "abc",
"UserIds": [
0
],
"GroupIds": [
0
],
"StartTime": 0,
"EndTime": 0,
"NoticeWay": [
"abc"
],
"PhoneOrder": [
0
],
"PhoneCircleTimes": 0,
```


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```
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NeedPhoneArriveNotice": 0,
"PhoneCallType": "abc",
"Weekday": [
0
],
"OnCallFormIDs": [
"abc"
]
}
],
"URLNotices": [
{
"URL": "abc",
"IsValid": 0,
"ValidationCode": "abc",
"StartTime": 0,
"EndTime": 0,
"Weekday": [
0
]
}
],
"IsPreset": 0,
"NoticeLanguage": "abc",
"PolicyIds": [
"abc"
],
"AMPConsumerId": "abc",
"CLSNotices": [
{
"Enable": 0,
"Region": "abc",
"LogSetId": "abc",
"TopicId": "abc"
}
],
"Tags": [
{
"Key": "abc",
"Value": "abc"
}
]
}
],
"TriggerTasks": [
```


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```
{
"Type": "abc",
"TaskConfig": "abc"
}
],
"ConditionsTemp": {
"TemplateName": "abc",
"Condition": {
"IsUnionRule": 0,
"Rules": [
{
"MetricName": "abc",
"Period": 0,
"Operator": "abc",
"Value": "abc",
"ContinuePeriod": 0,
"NoticeFrequency": 0,
"IsPowerNotice": 0,
"Filter": {
"Type": "abc",
"Dimensions": "abc"
},
"Description": "abc",
"Unit": "abc",
"RuleType": "abc",
"IsAdvanced": 0,
"IsOpen": 0,
"ProductId": "abc",
"ValueMax": 0,
"ValueMin": 0,
"HierarchicalValue": {
"Remind": "abc",
"Warn": "abc",
"Serious": "abc"
}
}
],
"ComplexExpression": "abc"
},
"EventCondition": {}
},
"LastEditUin": "abc",
"UpdateTime": 0,
"InsertTime": 0,
"Region": [
"abc"
],
```


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```
"NamespaceShowName": "abc",
"IsDefault": 0,
"CanSetDefault": 0,
"InstanceGroupId": 0,
"InstanceSum": 0,
"InstanceGroupName": "abc",
"RuleType": "abc",
"OriginId": "abc",
"TagInstances": [
{
"Key": "abc",
"Value": "abc",
"InstanceSum": 0,
"ServiceType": "abc",
"RegionId": 0,
"BindingStatus": 0,
"TagStatus": 0
}
],
"FilterDimensionsParam": "abc",
"IsOneClick": 0,
"OneClickStatus": 0,
"AdvancedMetricNumber": 0,
"IsBindAll": 0,
"Tags": [
{
"Key": "abc",
"Value": "abc"
}
]
}
],
"RequestId": "abc"
}
}
```


5. Developer Resources

SDK

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

- Tencent Cloud SDK 3.0 for Python

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
UnsupportedOperation	Unsupported operation.

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DescribeAlarmMetrics

Last updated：2024-07-08 17:32:55

1. API Description

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

This API is used to query the list of alarm metrics.

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: DescribeAlarmMetrics.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Value fixed at "monitor"
MonitorType	Yes	String	Monitor type filter. Valid values: MT_QCE (Tencent Cloud service monitoring)
Namespace	Yes	String	Alarm policy type such as cvm_device, which is obtained through the `DescribeAllNamespaces` API

3. Output Parameters

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

4. Example

Example1 Querying alarm metric list

This example shows you how to query the list of alarm metrics for "CVM - basic monitoring".

Input Example

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

{
"Module": "monitor",
"MonitorType": "MT_QCE",
"Namespace": "cvm_device"
}
```

Output Example

```
{
"Response": {
"RequestId": "92hg92hj1-2h352h25hj-2h235h",
"Metrics": [
{
"Namespace": "cvm_device",
"MetricName": "cpu_usage",
"Description": "CPU utilization",
"Max": 100,
"Min": 0,
"Dimensions": [
```

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```
"InstanceId",
"UUID"
],
"Unit": "%",
"MetricConfig": {
"Operator": [
"gt",
"ge",
"lt",
"le",
"eq",
"ne"
],
"Period": [
60,
300
],
"ContinuePeriod": [
1,
2,
3,
4,
5
]
}
}
]
}
}
```

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 Node.js
- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DescribeAlarmHistories

Last updated：2023-04-18 10:55:45

1. API Description

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

This API is used to query the alarm records.

Note: **If you use a sub-account, you can only query the alarm records of authorized projects** or uncategorized products.

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: DescribeAlarmHistories.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Value fixed at "monitor"
PageNumber	No	Integer	Page number starting from 1. Default value: 1
PageSize	No	Integer	Number of entries per page. Value range: 1–100. Default value: 20

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Order	No	String	Sort by the first occurrence time in descending order by default. Valid values: ASC (ascending), DESC (descending)
StartTime	No	Integer	Start time, which is the timestamp one day ago by default and the time when the alarm `FirstOccurTime` first occurs. An alarm record can be searched only if its `FirstOccurTime` is later than the `StartTime` .
EndTime	No	Integer	End time, which is the current timestamp and the time when the alarm `FirstOccurTime` first occurs. An alarm record can be searched only if its `FirstOccurTime` is earlier than the `EndTime` .
MonitorTypes.N	No	Array of String	Filter by monitor type. Valid values: "MT_QCE" (Tencent Cloud service monitoring), "MT_TAW" (application performance monitoring), "MT_RUM" (frontend performance monitoring), "MT_PROBE" (cloud automated testing). If this parameter is left empty, all types will be queried by default.
AlarmObject	No	String	Filter by alarm object. Fuzzy search with string is supported
AlarmStatus.N	No	Array of String	Filter by alarm status. Valid values: ALARM (not resolved), OK (resolved), NO_CONF (expired), NO_DATA (insufficient data). If this parameter is left empty, all will be queried by default
ProjectIds.N	No	Array of Integer	Filter by project ID. Valid values: `-1` (no project), `0` (default project)
InstanceGroupIds.N	No	Array of Integer	Filter by instance group ID
Namespaces.N	No	Array of MonitorTypeNamespace	Filter by policy type. Monitoring type and policy type are first-level and second-level filters respectively and both need to be passed in. For example,

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			`[{"MonitorType": "MT_QCE", "Namespace": "cvm_device"}]`
MetricNames.N	No	Array of String	Filter by metric name
PolicyName	No	String	Fuzzy search by policy name
Content	No	String	Fuzzy search by alarm content
ReceiverUids.N	No	Array of Integer	Search by recipient
ReceiverGroups.N	No	Array of Integer	Search by recipient group
PolicyIds.N	No	Array of String	Search by alarm policy ID list

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number
Histories	Array of AlarmHistory	Alarm record list
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying alert records

Monitoring type is a first-level filter, and policy type is a second-level filter. Therefore, the policy type is meaningful only after the monitoring type is specified in the `Namespaces` field.

To query the alert records of "CVM - Basic Monitoring", the filter should be monitoring type (Tencent Cloud service monitoring), policy type (CVM - Basic Monitor).

Enter `["MT_QCE"]` for `MonitorTypes` as the first-level filter.

Enter `[{"MonitorType": "MT_QCE", "Namespace": "cvm_device"}]` for `Namespaces` as the second-level filter.

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Input Example

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

{
"Module": "monitor",
"PageNumber": 1,
"PageSize": 10,
"StartTime": 1598976507,
"EndTime": 1599019707
}
```

Output Example

```
{
"Response": {
"TotalCount": 486,
"Histories": [
{
"Dimensions": "xx",
"LastOccurTime": 1603162964,
"Namespace": "xx",
"Content": "xx",
"PolicyId": "xx",
"AlarmStatus": "xx",
"ReceiverGroups": [
1544
],
"VPC": "xx",
"FirstOccurTime": 1603117860,
"EventId": 0,
"PolicyName": "xx",
"ProjectId": 0,
"Region": "xx",
"AlarmObject": "xx",
"AlarmId": "xx",
"ReceiverUids": [
0
],
"OriginId": "xx",
"NoticeWays": [
"SMS",
```

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```
"EMAIL",
"WECHAT"
],
"ProjectName": "xx",
"InstanceGroup": [
{
"Id": 430,
"Name": "xx"
}
],
"MetricsInfo": [
{
"Description": "xx",
"QceNamespace": "xx",
"Period": 60,
"Value": "xx",
"MetricName": "xx"
}
],
"MonitorType": "xx",
"PolicyExists": 1,
"AlarmType": "xx"
},
{
"Dimensions": "xx",
"LastOccurTime": 1603162964,
"Namespace": "xx",
"Content": "xx",
"PolicyId": "xx",
"AlarmStatus": "xx",
"ReceiverGroups": [
0
],
"VPC": "xx",
"FirstOccurTime": 1603117860,
"EventId": 0,
"PolicyName": "xx",
"ProjectId": 0,
"Region": "xx",
"AlarmObject": "xx",
"AlarmId": "xx",
"ReceiverUids": [
0
],
"OriginId": "xx",
"NoticeWays": [
"xx"
```


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```
],
"ProjectName": "xx",
"InstanceGroup": [
{
"Id": 430,
"Name": "xx"
}
],
"MetricsInfo": [
{
"Description": "xx",
"QceNamespace": "xx",
"Period": 0,
"Value": "xx",
"MetricName": "xx"
}
],
"MonitorType": "xx",
"PolicyExists": 1,
"AlarmType": "xx"
}
],
"RequestId": "xx"
}
}
```

Example2 Querying the alert records of "CVM - Basic Monitoring"

Monitoring type is a first-level filter, and rule type is a second-level filter. Therefore, the rule type is meaningful only after the monitoring type is specified in the `Namespaces` field.

To query the alert records of "CVM - Basic Monitoring", the filter should be monitoring type (Tencent Cloud service monitoring), rule type (CVM - Basic Monitor).

Enter `["MT_QCE"]` for `MonitorTypes` as the first-level filter.

Enter `[{"MonitorType": "MT_QCE", "Namespace": "cvm_device"}]` for `Namespaces` as the second-level filter.

Input Example

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

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```
{
"Module": "monitor",
"PageNumber": 1,
"PageSize": 10,
"StartTime": 1598976507,
"EndTime": 1599019707,
"MonitorTypes": [
"MT_QCE"
],
"Namespaces": [
{
"MonitorType": "MT_QCE",
"Namespace": "cvm_device"
}
]
}
```

Output Example

```
{
"Response": {
"Histories": [
{
"AlarmId": "c36494f8-ae38-45cb-8089-e14006bcfc67",
"MonitorType": "MT_QCE",
"Namespace": "cvm_device",
"AlarmObject": "10.104.126.8 (private) | CVM 01 | Classic network",
"Content": "CPU utilization > 0%",
"FirstOccurTime": 1603117860,
"LastOccurTime": 1603162964,
"AlarmStatus": "ALARM",
"PolicyId": "policy-abc01",
"PolicyName": "CVM alerting rule 1",
"VPC": "0",
"ProjectId": 0,
"ProjectName": "The default project",
"InstanceGroup": [
{
"Id": 430,
"Name": "example-instance-group"
}
],
"ReceiverUids": [],
"ReceiverGroups": [
1544
```

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```
],
"NoticeWays": [
"SMS",
"EMAIL",
"WECHAT"
],
"EventId": 0,
"AlarmType": "METRIC",
"OriginId": "1278441",
"Region": "gz",
"PolicyExists": 1,
"MetricsInfo": [
{
"QceNamespace": "qce/cvm",
"MetricName": "CpuUsage",
"Period": 60,
"Value": "86.5",
"Description": "CPU utilization"
}
]
},
{
"AlarmId": "779d129a-40a1-4acf-b226-d9c2ae26e63b",
"MonitorType": "MT_QCE",
"Namespace": "cvm_device",
"AlarmObject": "10.104.126.9 (private) | CVM 02 | Classic network",
"Content": "CPU utilization > 0%",
"FirstOccurTime": 1603117860,
"LastOccurTime": 1603162964,
"AlarmStatus": "ALARM",
"PolicyId": "policy-abc02",
"PolicyName": "CVM alerting rule 2",
"VPC": "0",
"ProjectId": 0,
"ProjectName": "The default project",
"InstanceGroup": [
{
"Id": 430,
"Name": "example-instance-group"
}
],
"ReceiverUids": [],
"ReceiverGroups": [],
"NoticeWays": [],
"EventId": 0,
"AlarmType": "METRIC",
"OriginId": "1276973",
```


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```
"Region": "gz",
"PolicyExists": 1,
"MetricsInfo": null
}
],
"RequestId": "4bzogxhgsgs95hgmxne5ei6y9jjxvi1f",
"TotalCount": 486
}
}
```


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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.

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InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
MissingParameter	Missing parameter.
UnsupportedOperation	Unsupported operation.

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CreateAlarmPolicy

Last updated：2023-05-19 16:22:48

1. API Description

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

This API is used to create an alarm policy.

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: CreateAlarmPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Value fixed at "monitor"
PolicyName	Yes	String	Policy name, which can contain up to 20 characters
MonitorType	Yes	String	Monitor type. Valid values: MT_QCE (Tencent Cloud service monitoring)

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Parameter Name	Required	Type	Description
Namespace	Yes	String	Type of alarm policy, which can be obtainec via DescribeAllNamespaces. For the monitoring of Tencent Cloud services, the value of this parameter is `QceNamespacesNew.N.Id` of the outpu parameter of `DescribeAllNamespaces`, for example, `cvm_device`.
Remark	No	String	Remarks with up to 100 letters, digits, underscores, and hyphens
Enable	No	Integer	Whether to enable. Valid values: 0 (no), 1 (yes). Default value: 1. This parameter can be left empty
ProjectId	No	Integer	Project ID. For products with different projects, a value other than `-1` must be passed in. `-1`: no project; `0`: default project. If no value is passed in, `-1` will b used. The supported project IDs can be viewed on the **Account Center** > **Project Management** page of the console.
ConditionTemplateId	No	Integer	Trigger condition template ID. Pass in this parameter if the policy is associated with the trigger condition template; otherwise, pass i the `Condition` parameter. The trigger condition template ID can be obtained via `DescribeConditionsTemplateList`
Condition	No	AlarmPolicyCondition	Metric trigger condition. The supported metrics can be queried via DescribeAlarmMetrics.
EventCondition	No	AlarmPolicyEventCondition	Event trigger condition. The supported events can be queried via DescribeAlarmEvents.
NoticeIds.N	No	Array of String	List of notification rule IDs, which can be obtained via DescribeAlarmNotices
TriggerTasks.N	No	Array of AlarmPolicyTriggerTask	Triggered task list

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Parameter Name	Required	Type	Description
Filter	No	AlarmPolicyFilter	Global filter.
GroupBy.N	No	Array of String	Aggregation dimension list, which is used to specify which dimension keys data is grouped by.
Tags.N	No	Array of Tag	Tags bound to a template
LogAlarmReqInfo	No	LogAlarmReq	Log alarm information
HierarchicalNotices.N	No	Array of AlarmHierarchicalNotice	Notification rules for different alarm levels
MigrateFlag	No	Integer	A dedicated field for migration policies. 0: Implement authentication logic; 1: Skip authentication logic.
EbSubject	No	String	The alert configured for an event

3. Output Parameters

Parameter Name	Type	Description
PolicyId	String	Alarm policy ID
OriginId	String	Alarm policy ID, which can be used when you call APIs (BindingPolicyObject, UnBindingAllPolicyObject, UnBindingPolicyObject) to bind/unbind instances or instance groups to/from an alarm policy
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating an alarm policy

This example shows you how to associate two notification rules and one auto scaling policy where the policy type is "CVM - basic monitoring", triggering metric is "CPU utilization >= 99.9%", and triggering event is "unpingable".

Input Example

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

{
"Module": "monitor",
"PolicyName": "CVM alarm policy",
"Remark": "This is the remark",
"MonitorType": "MT_QCE",
"Enable": 1,
"ProjectId": 0,
"Namespace": "cvm_device",
"Condition": {
"IsUnionRule": 1,
"Rules": [
{
"MetricName": "cpu_usage",
"Period": 60,
"Operator": "ge",
"Value": "99.9",
"ContinuePeriod": 1,
"NoticeFrequency": 3600,
"IsPowerNotice": 0
}
]
},
"EventCondition": {
"Rules": [
{
"MetricName": "ping_unreach"
}
]
},
"NoticeIds": [
"notice-bv9b4ghqbg",
"notice-gj2n9wnt29"
],
"TriggerTasks": [
{
"Type": "AS",
"TaskConfig": "{\"Region\":\"ap-guangzhou\",\"Group\":\"asg-0zhspjx\",\"Policy\":
\"asp-ganig28\"}"
}
```

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```
]
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23",
"PolicyId": "policy-hi498gw3h2",
"OriginId": "1234556"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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Error Code	Description
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DeleteAlarmPolicy

Last updated：2023-04-18 10:55:45

1. API Description

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

This API is used to delete an alarm policy.

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: DeleteAlarmPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name, which is fixed at "monitor"
PolicyIds.N	Yes	Array of String	Alarm policy ID list

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 Deleting alarm policy

This example shows you how to delete two specified alarm policies.

Input Example

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

{
"Module": "monitor",
"PolicyIds": [
"policy-289ghn129",
"policy-3u3h90h3j"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DescribeAlarmPolicy

Last updated：2023-08-11 16:09:23

1. API Description

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

This API is used to get the details of a single alarm policy.

A maximum of 60 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: DescribeAlarmPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Value fixed at "monitor"
PolicyId	Yes	String	Alarm policy ID

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1 Querying alarm policy details

Input Example

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

{
"Module": "monitor",
"PolicyId": "policy-t1pvz47f"
}
```

Output Example

```
{
"Response": {
"Policy": {
"NamespaceShowName": "xx",
"LastEditUin": "xx",
"Namespace": "xx",
"InstanceGroupName": "xx",
"AdvancedMetricNumber": 0,
"Notices": [
{
"AMPConsumerId": "xx",
"URLNotices": [
{
"ValidationCode": "xx",
"URL": "xx",
"IsValid": 0,
"Weekday": [
0
],
"StartTime": 0,
```

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```
"EndTime": 0
}
],
"Name": "xx",
"NoticeType": "xx",
"CLSNotices": [
{
"TopicId": "xx",
"Region": "xx",
"Enable": 0,
"LogSetId": "xx"
}
],
"UpdatedBy": "xx",
"PolicyIds": [
"xx"
],
"UserNotices": [
{
"NoticeWay": [
"SMS",
"EMAIL"
],
"NeedPhoneArriveNotice": 0,
"PhoneOrder": [
0
],
"PhoneCallType": "xx",
"UserIds": [
1001357
],
"ReceiverType": "xx",
"PhoneCircleInterval": 0,
"GroupIds": [
0
],
"StartTime": 0,
"PhoneCircleTimes": 0,
"EndTime": 86399,
"PhoneInnerInterval": 0,
"Weekday": [
0
]
}
],
"IsPreset": 1,
"UpdatedAt": "xx",
```


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```
"NoticeLanguage": "xx",
"Id": "xx"
}
],
"TriggerTasks": [
{
"Type": "xx",
"TaskConfig": "xx"
}
],
"ConditionTemplateId": "xx",
"UpdateTime": 1608197675,
"Enable": 1,
"TagInstances": [
{
"ServiceType": "xx",
"RegionId": 0,
"Value": "xx",
"InstanceSum": 0,
"Key": "xx",
"BindingStatus": 0,
"TagStatus": 0
}
],
"Condition": {
"IsUnionRule": 0,
"Rules": [
{
"NoticeFrequency": 86400,
"RuleType": "xx",
"IsAdvanced": 0,
"Description": "xx",
"IsOpen": 0,
"Period": 60,
"Value": "xx",
"Filter": {
"Type": "xx",
"Dimensions": "xx"
},
"IsPowerNotice": 0,
"ContinuePeriod": 1,
"Operator": "xx",
"ProductId": "xx",
"Unit": "xx",
"MetricName": "xx"
}
]
```


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```
},
"PolicyName": "xx",
"Remark": "xx",
"ConditionsTemp": {
"EventCondition": {
"Rules": [
{
"NoticeFrequency": 0,
"RuleType": "xx",
"IsAdvanced": 0,
"Description": "xx",
"IsOpen": 0,
"Period": 0,
"Value": "xx",
"Filter": {
"Type": "xx",
"Dimensions": "xx"
},
"IsPowerNotice": 0,
"ContinuePeriod": 0,
"Operator": "xx",
"ProductId": "xx",
"Unit": "xx",
"MetricName": "xx"
}
]
},
"Condition": {
"IsUnionRule": 0
},
"TemplateName": "xx"
},
"ProjectId": 0,
"Region": [
"bj",
"ca",
"cd",
"cgoec",
"cq",
"de",
"fzec",
"gz",
"gzopen",
"hfeec",
"hk",
"hzec",
"in",
```


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```
"jnec",
"jp",
"kr",
"nj",
"ru",
"sg",
"sh",
"sheec",
"shjr",
"szjr",
"szx",
"th",
"tpe",
"tsn",
"use",
"usw",
"xbec",
"xiyec"
],
"FilterDimensionsParam": "xx",
"EventCondition": {
"Rules": [
{
"NoticeFrequency": 0,
"RuleType": "xx",
"IsAdvanced": 0,
"Description": "xx",
"IsOpen": 0,
"Period": 0,
"Value": "xx",
"Filter": {
"Type": "xx",
"Dimensions": "xx"
},
"IsPowerNotice": 0,
"ContinuePeriod": 0,
"Operator": "xx",
"ProductId": "xx",
"Unit": "xx",
"MetricName": "xx"
}
]
},
"InsertTime": 1608197675,
"InstanceGroupId": 6155,
"NoticeIds": [
"notice-rwudonte"
```


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```
],
"OriginId": "xx",
"IsDefault": 0,
"PolicyId": "xx",
"UseSum": 1,
"InstanceSum": 1,
"ProjectName": "xx",
"RuleType": "xx",
"OneClickStatus": 0,
"IsOneClick": 0,
"CanSetDefault": 0,
"MonitorType": "xx"
},
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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6. Error Code

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

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Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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ModifyAlarmPolicyStatus

Last updated：2023-04-18 10:55:43

1. API Description

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

This API is used to enable/disable an alarm policy.

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: ModifyAlarmPolicyStatus.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name, which is fixed at "monitor"
PolicyId	Yes	String	Alarm policy ID
Enable	Yes	Integer	Status. Valid values: 0 (disabled), 1 (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 Modifying alarm policy status

This example shows you how to disable a policy.

Input Example

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

{
"Module": "monitor",
"PolicyId": "policy-2g22g82",
"Enable": 0
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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SetDefaultAlarmPolicy

Last updated：2023-08-11 16:09:22

1. API Description

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

This API is used to set an alarm policy as the default policy in the current policy type under the current project. Alarm policies in the same type under the project will be set as non-default.

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: SetDefaultAlarmPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	Module name, which is fixed at "monitor"
PolicyId	Yes	String	Alarm policy ID

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 Setting default alarm policy

Input Example

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

{
"Module": "monitor",
"PolicyId": "policy-jfg9hg2g2"
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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BindingPolicyObject

Last updated：2023-08-11 16:09:24

1. API Description

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

This API is used to bind an alarm policy to a specific object.

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: BindingPolicyObject.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	Required. The value is fixed to monitor.
GroupId	No	Integer	Policy group ID, such as `4739573`. This parameter will be disused soon. Another parameter `PolicyId` is recommended.
PolicyId	No	String	Alarm policy ID, such as `policy-gh892hg0`. At least one of the two

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			parameters, `PolicyId` and `GroupId` , must be specified; otherwise, an error will be reported. `PolicyId` is preferred over `GroupId` when both of them are specified.
InstanceGroupId	No	Integer	Instance group ID.
Dimensions.N	No	Array of BindingPolicyObjectDimension	Dimensions of an object to be bound.
EbSubject	No	String	The alert configured for an event
EbEventFlag	No	Integer	Whether the event alert has been configured

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 Binding a policy object

Input Example

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

{
"GroupId": "111111",
"Module": "monitor",
"Dimensions": [
{
```

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```
"EventDimensions": "{\"uuid\":\"9d51a69e-0e4a-4120-ae58-9c073c851e24\"}",
"Region": "gz",
"RegionId": "1",
"Dimensions": "{\"unInstanceId\":\"ins-ot3cq4bi\"}"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "78345016-ff97-4360-839a-82f3d96430e8"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

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Error Code	Description
FailedOperation	Operation failed.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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UnBindingPolicyObject

Last updated：2023-08-18 17:29:59

1. API Description

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

This API is used to delete an object that is bound to a policy.

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: UnBindingPolicyObject.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	The value is fixed to monitor.
GroupId	Yes	Integer	Policy group ID. If `PolicyId` is used, this parameter will be ignored, and any value, e.g., `0` , can be passed in.
UniqueId.N	Yes	Array of String	List of unique IDs of the object instances to be deleted. `UniqueId` can be obtained from the output parameter `List` of the DescribeBindingPolicyObjectList API

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Parameter Name	Required	Type	Description
InstanceGroupId	No	Integer	Instance group ID. The `UniqueId` parameter is invalid if object instances are deleted by instance group.
PolicyId	No	String	Alarm policy ID. If this parameter is used, `GroupId` will be ignored.
EbSubject	No	String	The alert configured for an event
EbEventFlag	No	Integer	Whether the event alert has been configured

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 an object that is bound to a policy

Input Example

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

{
"UniqueId": [
"3dd5113208fd467b2e5d0c1111111111"
],
"GroupId": "11111",
"Module": "monitor"
}
```

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Output Example

```
{
"Response": {
"RequestId": "0dbb66c2-1111-1111-1111-11111111111"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for NodeJS
- 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.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.

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Error Code	Description
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.

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Error Code	Description
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceNotFound.NotExistTask	The task does not exist.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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UnBindingAllPolicyObject

Last updated：2023-08-11 16:09:21

1. API Description

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

This API is used to delete all bound objects.

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: UnBindingAllPolicyObject.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	The value is fixed to monitor.
GroupId	Yes	Integer	Policy group ID. If `PolicyId` is used, this parameter will be ignored, and any value, e.g., `0` , can be passed in.
PolicyId	No	String	Alarm policy ID. If this parameter is used, `GroupId` will be ignored.
EbSubject	No	String	The alert configured for an event
EbEventFlag	No	Integer	Whether the event alert has been configured

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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 all bound objects

Input Example

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

{
"GroupId": "11111",
"Module": "monitor"
}
```

Output Example

```
{
"Response": {
"RequestId": "0dbb66c2-b4d6-4c2c-90a9-617d80347ab5"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.

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FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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ModifyAlarmPolicyCondition

Last updated：2023-08-11 16:09:22

1. API Description

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

This API is used to modify the trigger condition of an alarm policy.

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: ModifyAlarmPolicyCondition.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name, which is fixed at "monitor"
PolicyId	Yes	String	Alarm policy ID
ConditionTemplateId	No	Integer	ID of trigger condition template. This parameter can be left empty.
Condition	No	AlarmPolicyCondition	Metric trigger condition
EventCondition	No	AlarmPolicyEventCondition	Event trigger condition

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Filter	No	AlarmPolicyFilter	Global filter.
GroupBy.N	No	Array of String	Aggregation dimension list, which is used to specify which dimension keys data is grouped by.
LogAlarmReqInfo	No	LogAlarmReq	Log alarm creation request parameters
NoticeIds.N	No	Array of String	Template ID, which is dedicated to TencentCloud Managed Service for Prometheus.
Enable	No	Integer	Status (`0` : Disabled; `1` : Enabled)
PolicyName	No	String	Name of the policy dedicated to TMP
EbSubject	No	String	The alert configured for an event

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 Editing the trigger condition of an alarm policy

This example shows you how to edit the trigger condition of an alarm policy.

Input Example

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

{
"Module": "monitor",
"PolicyId": "policy-hi498gw3h2",
```

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```
"Condition": {
"IsUnionRule": 1,
"Rules": [
{
"MetricName": "cpu_usage",
"Period": 60,
"Operator": "ge",
"Value": "85",
"ContinuePeriod": 1,
"NoticeFrequency": 3600,
"IsPowerNotice": 0
}
]
},
"EventCondition": {
"Rules": [
{
"MetricName": "ping_unreach"
}
]
}
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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ModifyAlarmPolicyNotice

Last updated：2023-08-11 16:09:22

1. API Description

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

This API is used to modify the alarm notification template bound to an alarm policy.

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: ModifyAlarmPolicyNotice.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name, which is specified as `monitor` .
PolicyId	No	String	Alarm policy ID. If both `PolicyIds` and this parameter are returned, only `PolicyIds` takes effect.
NoticeIds.N	No	Array of String	List of alarm notification template IDs.
PolicyIds.N	No	Array of String	Alarm policy ID array, which can be used to

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			associate notification templates with multiple alarm policies. Max value: 30.
HierarchicalNotices.N	No	Array of AlarmHierarchicalNotice	Notification rules for different alarm levels

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 alarm notification template bound to an alarm policy

This example shows you how to modify the notification template bound to the alarm policy "policy-asgh3gb2".

Input Example

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

{
"Module": "monitor",
"PolicyId": "policy-asgh3gb2",
"NoticeIds": [
"notice-bv9b4ghqbg",
"notice-gj2n9wnt29"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23"
```

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```
}
}
```

5. Developer Resources

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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
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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ModifyAlarmPolicyTasks

Last updated：2023-04-18 10:55:43

1. API Description

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

This API is used to modify the tasks triggered by alarm policy, which are listed by the value of the `TriggerTasks` field. If an empty array is passed in for `TriggerTasks` , it means unbinding all the trigger tasks from the policy.

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: ModifyAlarmPolicyTasks.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	Module name. Enter "monitor" here
PolicyId	Yes	String	Alarm policy ID
TriggerTasks.N	No	Array of AlarmPolicyTriggerTask	List of tasks triggered by alarm policy. If this parameter is left empty, it indicates to unbind all tasks

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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 Modifying the tasks triggered by an alarm policy.

This example shows you how to modify the tasks triggered by an alarm policy.

Input Example

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

{
"Module": "monitor",
"PolicyId": "policy-29ng82fs",
"TriggerTasks": [
{
"Type": "AS",
"TaskConfig": "{\"Region\":\"ap-guangzhou\",\"Group\":\"asg-0zhspjx\",\"Policy
\":\"asp-ganig28\"}"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23"
}
}
```

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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
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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DescribeMonitorTypes

Last updated：2023-07-12 17:16:37

1. API Description

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

This API is used to list all the monitoring types supported by TCOP.

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: DescribeMonitorTypes.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name, which is fixed at "monitor"

3. Output Parameters

Parameter Name	Type	Description
MonitorTypes	Array of String	Monitor type. Valid values: MT_QCE (Tencent Cloud service monitoring)

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Parameter Name	Type	Description
MonitorTypeInfos	Array of MonitorTypeInfo	Monitoring type details
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying all monitoring types

This example shows you how to query all monitoring types.

Input Example

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

{
"Module": "monitor"
}
```

Output Example

```
{
"Response": {
"MonitorTypes": [
"MT_QCE"
],
"MonitorTypeInfos": [
{
"Id": "1002",
"Name": "MT_QCE",
"SortId": 1
}
],
"RequestId": "d96ec542-6547-4af2-91ac-fee85c1b8b85"
}
}
```

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
UnsupportedOperation	Unsupported operation.

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DescribeAllNamespaces

Last updated：2023-08-11 16:09:23

1. API Description

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

This API is used to query all namespaces.

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: DescribeAllNamespaces.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
SceneType	Yes	String	Filter by use case. Currently, the only valid value is `ST_ALARM` (alarm type).
Module	Yes	String	Value fixed at "monitor"
MonitorTypes.N	No	Array of String	Filter by monitor type. Valid values: MT_QCE (Tencent Cloud service monitoring). If this parameter is left empty, all will be queried by default
Ids.N	No	Array of	Filter by namespace ID. If this parameter is left empty, all will be queried

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		String	

3. Output Parameters

Parameter Name	Type	Description
QceNamespaces	CommonNamespace	Alarm policy type of Tencent Cloud service (disused)
CustomNamespaces	CommonNamespace	Other alarm policy type (disused)
QceNamespacesNew	Array of CommonNamespace	Alarm policy type of Tencent Cloud service
CustomNamespacesNew	Array of CommonNamespace	Other alarm policy type (not supported currently)
CommonNamespaces	Array of CommonNamespaceNew	General alarm policy type, including TAPM, RUM, and CAT. 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 Getting all namespaces

Input Example

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

{
"Module": "monitor",
"MonitorTypes": [
"MT_QCE"
],
```

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```
"SceneType": "ST_ALARM"
}
```

Output Example

```
{
"Response": {
"QceNamespaces": {
"Id": "",
"Name": "",
"ProductName": "",
"Value": "",
"Config": "",
"AvailableRegions": [],
"DashboardId": "",
"SortId": 0
},
"QceNamespacesNew": [
{
"Id": "xxxxxxx",
"Name": "Direct Connect - dedicated tunnel",
"ProductName": "Direct Connect - dedicated tunnel",
"Value": "qce/dcx",
"Config": "...",
"AvailableRegions": [
"gz",
"sh"
],
"DashboardId": "dcchannel",
"SortId": 500
}
],
"CustomNamespaces": {
"Id": "",
"Name": "",
"ProductName": "",
"Value": "",
"Config": "",
"AvailableRegions": [],
"DashboardId": "",
"SortId": 0
},
"CustomNamespacesNew": [
{
"Id": "=wenlong_sidecar",
"Name": "=wenlong_sidecar",
```

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```
"ProductName": "=wenlong_sidecar",
"Value": "=wenlong_sidecar",
"Config": "",
"AvailableRegions": [],
"DashboardId": "=wenlong_sidecar",
"SortId": 0
}
],
"CommonNamespaces": [
{
"Id": "performance_metric",
"MonitorType": "MT_TAW",
"Name": "Performance metric",
"Dimensions": []
}
],
"RequestId": "d96ec542-6547-4af2-91ac-fee85c1b8b85"
}
}
```


5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
UnsupportedOperation	Unsupported operation.

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DescribeAlarmEvents

Last updated：2023-08-11 16:09:24

1. API Description

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

This API is used to query the list of alarm events.

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: DescribeAlarmEvents.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	Module name, which is fixed at "monitor"
Namespace	Yes	String	Alarm policy type such as cvm_device, which is obtained through the `DescribeAllNamespaces` API
MonitorType	No	String	Monitoring type, such as `MT_QCE` , which is set to default.

3. Output Parameters

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Parameter Name	Type	Description
Events	Array of AlarmEvent	Alarm event list
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying event list

Input Example

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

{
"Module": "monitor",
"Namespace": "cvm_device",
"MonitorType": "MT_QCE"
}
```

Output Example

```
{
"Response": {
"RequestId": "92hg92hj1-2h352h25hj-2h235h",
"Events": [
{
"EventName": "ping_unreachable",
"Description": "Unreachable by ping",
"Namespace": "cvm_device"
}
]
}
}
```

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Command Line Interface

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6. Error Code

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

Error Code	Description
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DescribeBindingPolicyObjectList

Last updated：2023-08-11 16:09:23

1. API Description

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

This API is used to get the bound object list.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeBindingPolicyObjectList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	The value is fixed to monitor.
GroupId	Yes	Integer	Policy group ID. If the ID is in the format of “policy-xxxx”, please enter it in the `PolicyId` field. Enter 0 in this field.
PolicyId	No	String	Alarm policy ID in the format of

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			"policy-xxxx". If a value has been entered in this field, you can enter 0 in the `GroupId` field.
Limit	No	Integer	The number of alarm objects returned each time. Value range: 1-100. Default value: 20.
Offset	No	Integer	Offset, which starts from 0 and is set to 0 by default. For example, the parameter `Offset=0&Limit=20` returns the zeroth to 19th alarm objects, and `Offset=20&Limit=20` returns the 20th to 39th alarm objects, and so on.
Dimensions.N	No	Array of DescribeBindingPolicyObjectListDimension	Dimensions of filtering objects.

3. Output Parameters

Parameter Name	Type	Description
List	Array of DescribeBindingPolicyObjectListInstance	List of bound object instances. Note: This field may return null, indicating that no valid value was found.
Total	Integer	Total number of bound object instances.
NoShieldedSum	Integer	Number of object instances that are not shielded.
InstanceGroup	DescribeBindingPolicyObjectListInstanceGroup	Bound instance group information. This parameter is not configured if no instance group is bound. Note: This field may return null, indicating that no valid value was found.
RequestId	String	The unique request ID, which is returned for each request. RequestId is

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		required for locating a problem.

4. Example

Example1 Getting the list of bound objects

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribeBindingPolicyObjectList
&Module=monitor
&GroupId=0
&PolicyId=policy-xxxxx
&<common request parameters>
```

Output Example


```
{
"Response": {
"List": [
{
"Dimensions": "{\"unInstanceId\":\"ins-19701111\"}",
"IsShielded": 0,
"Region": "gz",
"UniqueId": "9d0911111111111111111111111111"
},
{
"Dimensions": "{\"unInstanceId\":\"ins-19031111\"}",
"IsShielded": 0,
"Region": "gz",
"UniqueId": "ba8a1111111111111111111111111111"
},
{
"Dimensions": "{\"unInstanceId\":\"ins-19b01111\"}",
"IsShielded": 0,
"Region": "gz",
"UniqueId": "1a3011111111111111111111111111"
}
],
"NoShieldedSum": 3,
"InstanceGroup": null,
"RequestId": "11111111-1111-1111-1111-111111111111",
"Total": 3
}
}
```


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5. Developer Resources

SDK

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

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- Tencent Cloud SDK 3.0 for PHP
- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for NodeJS
- 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.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.

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FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DivisionByZero	The dividend is zero.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DruidTableNotFound	The druid table does not exist.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.

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ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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ModifyAlarmPolicyInfo

Last updated：2023-03-21 10:17:19

1. API Description

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

This API is used to edit the basic information of a v2.0 alarm policy, including policy name and remarks.

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: ModifyAlarmPolicyInfo.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	Module name. Enter "monitor" here
PolicyId	Yes	String	Alarm policy ID
Key	Yes	String	Field to be modified. Valid values: NAME (policy name), REMARK (policy remarks)
Value	Yes	String	Value after modification

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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 Modifying the basic information of an alarm policy

This example shows you how to rename the alarm policy `policy-298gn92` to `New CVM alarm policy` .

Input Example

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

{
"Module": "monitor",
"PolicyId": "policy-298gn92",
"Key": "NAME",
"Value": "New CVM alarm policy"
}
```

Output Example

```
{
"Response": {
"RequestId": "29ghj2hh-45-h53h234h-23"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DescribeConditionsTemplateList

Last updated：2023-08-18 17:32:48

1. API Description

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

This API is used to get the trigger condition template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeConditionsTemplateList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	The value is fixed to `monitor`.
ViewName	No	String	View name, which can be obtained via DescribeAllNamespaces. For the monitoring of Tencent Cloud services, the value of this parameter is `QceNamespacesNew.N.Id` of the output parameter of `DescribeAllNamespaces`, for example, `cvm_device`.
GroupName	No	String	Filter by trigger condition template name.
GroupID	No	String	Filter by trigger condition template ID.

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Parameter Name	Required	Type	Description
Limit	No	Integer	Pagination parameter, which specifies the number of returned results per page. Value range: 1-100. Default value: 20.
Offset	No	Integer	Pagination offset starting from 0. Default value: 0.
UpdateTimeOrder	No	String	Sorting method by update time. `asc` : Ascending order; `desc` : Descending order.
PolicyCountOrder	No	String	Sorting order based on the number of associated policies. Valid values: `asc` (ascending order), `desc` (descending order).

3. Output Parameters

Parameter Name	Type	Description
Total	Integer	Total number of templates.
TemplateGroupList	Array of TemplateGroup	Template list. 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 Getting the list of alarm policy templates

Input Example

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

{
"ViewName": "cvm_device",
"Module": "monitor",
"UpdateTimeOrder": "desc",
```

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```
"GroupName": "test",
"Limit": "1",
"Offset": "0",
"GroupID": " 1998658"
}
```

Output Example

```
{
"Response": {
"RequestId": "853dafdc-22d4-4e9d-88a7-ebc43abf7cef",
"TemplateGroupList": [
{
"Conditions": [
{
"AlarmNotifyPeriod": 0,
"AlarmNotifyType": 0,
"CalcType": "",
"CalcValue": "",
"ContinueTime": "",
"MetricDisplayName": "CVM restarted",
"MetricID": 25,
"Period": 60,
"RuleID": 5001158,
"Unit": ""
}
],
"EventConditions": [
{
"AlarmNotifyPeriod": "0",
"AlarmNotifyType": "0",
"EventDisplayName": "Unpingable",
"EventID": "42",
"RuleID": "5001160"
}
],
"GroupID": 1998664,
"GroupName": "test",
"InsertTime": 1567074714,
"LastEditUin": 1500000687,
"IsUnionRule": 0,
"PolicyGroups": [
{
"CanSetDefault": true,
"Enable": true,
"GroupID": 1998665,
```

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```
"GroupName": "test2",
"InsertTime": 1567075011,
"IsDefault": 0,
"LastEditUin": 1500000687,
"NoShieldedInstanceCount": 1,
"ParentGroupID": 1998664,
"ProjectID": 0,
"ReceiverInfos": [
{
"EndTime": 57599,
"NeedSendNotice": 1,
"NotifyWay": [
"EMAIL",
"SMS"
],
"PersonInterval": 60,
"ReceiverGroupList": null,
"ReceiverType": "group",
"ReceiverUserList": null,
"RecoverNotify": [
"SMS"
],
"RoundInterval": 60,
"RoundNumber": 2,
"SendFor": null,
"StartTime": 57600,
"UIDList": null
}
],
"Remark": "test2",
"TotalInstanceCount": 1,
"UpdateTime": 1567075012,
"ViewName": "cvm_device"
}
],
"Remark": "test",
"UpdateTime": 1567074881,
"ViewName": "cvm_device"
}
],
"Total": 1
}
}
```


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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.

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Error Code	Description
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.

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Error Code	Description
ResourceNotFound	The resource is not found.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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Notification Template APIs
CreateAlarmNotice

Last updated：2024-07-08 17:23:29

1. API Description

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

This API is used to create a notification template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateAlarmNotice.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name. Enter "monitor" here
Name	Yes	String	Notification template name, which can contain up to 60 characters
NoticeType	Yes	String	Notification type. Valid values: ALARM (for unresolved alarms), OK (for resolved alarms), ALL (for all alarms)
NoticeLanguage	Yes	String	Notification language. Valid values: zh-CN (Chinese), en-US

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			(English)
UserNotices.N	No	Array of UserNotice	User notifications (up to 5)
URLNotices.N	No	Array of URLNotice	Callback notifications (up to 3)
CLSNotices.N	No	Array of CLSNotice	The operation of pushing alarm notifications to CLS. Up to one CLS log topic can be configured.
Tags.N	No	Array of Tag	Tags bound to a template

3. Output Parameters

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

4. Example

Example1 Creating a notification template

Input Example

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

{
"Module": "monitor",
"Name": "noticeA",
"NoticeType": "ALL",
"NoticeLanguage": "zh-CN",
"UserNotices": [
```

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```
{
"ReceiverType": "USER",
"UserIds": [
10001
],
"NoticeWay": [
"SMS",
"EMAIL"
],
"StartTime": 0,
"EndTime": 1,
"PhoneOrder": [
10001
],
"PhoneCircleInterval": 60,
"PhoneCircleTimes": 2,
"PhoneInnerInterval": 60,
"NeedPhoneArriveNotice": 1,
"PhoneCallType": "CIRCLE"
}
],
"URLNotices": [
{
"URL": "https://www.mytest.com/validate"
}
]
}
```

Output Example

```
{
"Response": {
"NoticeId": "notice-2h92ghf2",
"RequestId": "neh390an4opw0-45nw"
}
}
```

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
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DeleteAlarmNotices

Last updated：2023-08-11 16:09:10

1. API Description

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

This API is used to delete an alarm notification template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteAlarmNotices.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name. Enter "monitor" here
NoticeIds.N	Yes	Array of String	Alarm notification template ID list
NoticeBindPolicys.N	No	Array of NoticeBindPolicys	Binding between a notification template and a policy

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 Deleting alarm notification templates in batches

This example shows you how to delete alarm notification templates in batches.

Input Example

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

{
"Module": "monitor",
"NoticeIds": [
"notice-235h325y",
"notice-h25hj534h"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "fahkjbgag3h2bvaqer2-23"
}
}
```

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 NodeJS
- 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	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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ModifyAlarmNotice

Last updated：2023-04-25 14:52:35

1. API Description

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

This API is used to edit an alarm notification template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyAlarmNotice.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name. Enter "monitor" here
Name	Yes	String	Alarm notification rule name, which can contain up to 60 characters
NoticeType	Yes	String	Notification type. Valid values: ALARM (for unresolved alarms), OK (for resolved alarms), ALL (for all alarms)
NoticeLanguage	Yes	String	Notification language. Valid values: zh-CN (Chinese), en-US (English)

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NoticeId	Yes	String	Alarm notification template ID
UserNotices.N	No	Array of UserNotice	User notifications (up to 5)
URLNotices.N	No	Array of URLNotice	Callback notifications (up to 3)
CLSNotices.N	No	Array of CLSNotice	The operation of pushing alarm notifications to CLS. Up to one CLS log topic can be configured.
PolicyIds.N	No	Array of String	List of IDs of the alerting rules bound to an alarm notification template

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 a notification template

This example shows you how to modify a notification template.

Input Example

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

{
"Module": "monitor",
"NoticeId": "notice-2gf892hg",
"Name": "noticeAAA",
"NoticeType": "ALL",
"NoticeLanguage": "zh-CN",
"UserNotices": [
```

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```
{
"ReceiverType": "USER",
"UserIds": [
10001
],
"NoticeWay": [
"SMS",
"EMAIL"
],
"StartTime": 0,
"EndTime": 1,
"PhoneOrder": [
10001
],
"PhoneCircleInterval": 60,
"PhoneCircleTimes": 2,
"PhoneInnerInterval": 60,
"NeedPhoneArriveNotice": 1,
"PhoneCallType": "CIRCLE"
}
],
"URLNotices": [
{
"URL": "http://www.test.com"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "neh390an4opw0-45nw"
}
}
```

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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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	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DescribeAlarmNotices

Last updated：2023-08-11 16:09:09

1. API Description

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

This API is used to query the list of notification templates.

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: DescribeAlarmNotices.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name. Enter "monitor" here
PageNumber	Yes	Integer	Page number. Minimum value: 1
PageSize	Yes	Integer	Number of entries per page. Value range: 1–200
Order	Yes	String	Sort by update time. Valid values: ASC (ascending), DESC (descending)
OwnerUid	No	Integer	Root account `uid` , which is used to create preset notifications
Name	No	String	Alarm notification template name, which is used for fuzzy search

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ReceiverType	No	String	Filter by recipient. The type of notified users should be selected for the alarm notification template. Valid values: USER (user), GROUP (user group). If this parameter is left empty, no filter by recipient will be performed
UserIds.N	No	Array of Integer	Recipient object list
GroupIds.N	No	Array of Integer	Recipient group list
NoticeIds.N	No	Array of String	Filter by notification template ID. If an empty array is passed in or if this parameter is left empty, the filter operation will not be performed.
Tags.N	No	Array of Tag	Filter templates by tag
OnCallFormIDs.N	No	Array of String	Schedule list

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Total number of alarm notification templates
Notices	Array of AlarmNotice	Alarm notification template list
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the notification template list

This example shows you how to query the notification template list.

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Input Example

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

{
"OwnerUid": 1234567,
"Module": "monitor",
"Name": "",
"ReceiverType": "",
"UserIds": [],
"GroupIds": [],
"PageNumber": 1,
"PageSize": 20,
"Order": "DESC",
"NoticeIds": [
"notice-ah28cv9d"
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 0,
"Notices": [
{
"Id": "abc",
"Name": "abc",
"UpdatedAt": "abc",
"UpdatedBy": "abc",
"NoticeType": "abc",
"UserNotices": [
{
"ReceiverType": "abc",
"UserIds": [
0
],
"GroupIds": [
0
],
"StartTime": 0,
"EndTime": 0,
```

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```
"NoticeWay": [
"abc"
],
"PhoneOrder": [
0
],
"PhoneCircleTimes": 0,
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NeedPhoneArriveNotice": 0,
"PhoneCallType": "abc",
"Weekday": [
0
],
"OnCallFormIDs": [
"abc"
]
}
],
"URLNotices": [
{
"URL": "abc",
"IsValid": 0,
"ValidationCode": "abc",
"StartTime": 0,
"EndTime": 0,
"Weekday": [
0
]
}
],
"IsPreset": 0,
"NoticeLanguage": "abc",
"PolicyIds": [
"abc"
],
"AMPConsumerId": "abc",
"CLSNotices": [
{
"Enable": 0,
"Region": "abc",
"LogSetId": "abc",
"TopicId": "abc"
}
],
"Tags": [
{
```


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```
"Key": "abc",
"Value": "abc"
}
]
}
],
"RequestId": "abc"
}
}
```

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 NodeJS
- 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	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.

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InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DescribeAlarmNotice

Last updated：2023-04-18 10:55:39

1. API Description

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

This API is used to query the details of a single notification template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAlarmNotice.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	Module name. Enter "monitor" here
NoticeId	Yes	String	Alarm notification template ID

3. Output Parameters

Parameter Name	Type	Description

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Notice	AlarmNotice	Alarm notification template details
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the details of a single notification template

This example shows you how to query the details of the specified alarm notification template (ID: notice-2g892hg8).

Input Example

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

{
"Module": "monitor",
"NoticeId": "notice-2g892hg8"
}
```

Output Example

```
{
"Response": {
"Notice": {
"AMPConsumerId": "xx",
"URLNotices": [
{
"ValidationCode": "xx",
"URL": "xx",
"IsValid": 0,
"Weekday": [
0
],
"StartTime": 0,
"EndTime": 0
},
{
"ValidationCode": "xx",
"URL": "xx",
```

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```
"IsValid": 0,
"Weekday": [
0
],
"StartTime": 0,
"EndTime": 0
}
],
"Name": "xx",
"NoticeType": "xx",
"CLSNotices": [
{
"TopicId": "xx",
"Region": "xx",
"Enable": 0,
"LogSetId": "xx"
}
],
"UpdatedBy": "xx",
"PolicyIds": [
"policy-58hbt18"
],
"UserNotices": [
{
"NoticeWay": [
"EMAIL",
"CALL"
],
"NeedPhoneArriveNotice": 1,
"PhoneOrder": [
162208,
168105
],
"PhoneCallType": "xx",
"UserIds": [
168105,
162208
],
"ReceiverType": "xx",
"PhoneCircleInterval": 60,
"GroupIds": [
0
],
"StartTime": 0,
"PhoneCircleTimes": 2,
"EndTime": 3600,
"PhoneInnerInterval": 60,
```


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```
"Weekday": [
0
]
}
],
"IsPreset": 0,
"UpdatedAt": "xx",
"NoticeLanguage": "xx",
"Id": "xx"
},
"RequestId": "xx"
}
}
```


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
AuthFailure	Error with CAM signature/authentication.

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FailedOperation	Operation failed.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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DescribeAlarmNoticeCallbacks

Last updated：2023-04-18 10:55:39

1. API Description

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

This API is used to obtain all the callback URLs of an alarm notification template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAlarmNoticeCallbacks.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	Module name. Enter "monitor" here

3. Output Parameters

Parameter Name	Type	Description
URLNotices	Array of	Alarm callback notification

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	URLNotice	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 all callback URLs under an account

This example shows you how to query the list of all callback URLs under an account.

Input Example

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

{
"Module": "monitor"
}
```

Output Example

```
{
"Response": {
"URLNotices": [
{
"URL": "http://www.test1.com/validate",
"IsValid": 0
},
{
"URL": "http://www.test2.com/validate",
"IsValid": 0
},
{
"URL": "https://www.test3.com/validate",
"IsValid": 1
}
],
"RequestId": "neh390an4opw0-45nw"
}
}
```

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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
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.
UnsupportedOperation	Unsupported operation.

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Monitoring Data Query APIs DescribeBaseMetrics

Last updated：2023-08-11 16:10:58

1. API Description

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

This API is used to get the attributes of basic metrics.

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: DescribeBaseMetrics.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Namespace	Yes	String	Service namespace. Tencent Cloud services have different namespaces. For more information on service namespaces, see the monitoring metric documentation of each service. For example, see CVM Monitoring Metrics for the namespace of CVM
MetricName	No	String	Metric name. Tencent Cloud services have different metric names. For more information on metric names, see the monitoring metric documentation of each service. For example, see CVM Monitoring Metrics for the metric names of CVM

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Parameter Name	Required	Type	Description
Dimensions.N	No	Array of String	Filter by dimension. This parameter is optional.

3. Output Parameters

Parameter Name	Type	Description
MetricSet	Array of MetricSet	Listed of queried metric descriptions
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 monitoring metrics

This example shows you how to query the types of basic monitoring metrics under the corresponding namespace.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribeBaseMetrics
&Namespace=QCE/CVM
&MetricName=AccOuttraffic
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "15e8eb48-e445-48b5-97ca-985908e207bb",
"MetricSet": [
{
"Namespace": "QCE/CVM",
"MetricName": "AccOuttraffic",
"MetricCName": "Public network outbound traffic",
```

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```
"MetricEName": "the out traffic",
"Unit": "MB",
"UnitCname": "",
"Period": [
10,
60,
300,
3600,
86400
],
"Periods": [
{
"Period": "10",
"StatType": [
"sum"
]
},
{
"Period": "60",
"StatType": [
"sum"
]
},
{
"Period": "300",
"StatType": [
"sum"
]
},
{
"Period": "3600",
"StatType": [
"sum"
]
},
{
"Period": "86400",
"StatType": [
"sum"
]
}
],
"Dimensions": [
{
"Dimensions": [
"InstanceId"
]
```


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```
}
],
"Meaning": {
"En": "Average outbound traffic per second of public ENI",
"Zh": ""
}
}
]
}
}
```

Example2 Getting the list of monitoring metrics (QCE/CDB)

This example shows you how to query the types of basic monitoring metrics under the corresponding namespace.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribeBaseMetrics
&Namespace=QCE/CDB
&MetricName=BytesReceived
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "2102703c-a1bb-4f71-9eb8-58cdfb544590",
"MetricSet": [
{
"Namespace": "QCE/CDB",
"MetricName": "BytesReceived",
"MetricCName": "",
"MetricEName": "",
"Unit": "Bps",
"UnitCname": "",
"Period": [
60,
300,
3600,
86400
],
"Periods": [
{
"Period": "60",
"StatType": [
"max"
```

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```
]
},
{
"Period": "300",
"StatType": [
"max"
]
},
{
"Period": "3600",
"StatType": [
"max"
]
},
{
"Period": "86400",
"StatType": [
"max"
]
}
],
"Dimensions": [
{
"Dimensions": [
"InstanceId",
"InstanceType"
]
}
],
"Meaning": {
"En": "Amount of accepted data",
"Zh": ""
}
}
]
}
}
```


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 NodeJS
- 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
UnsupportedOperation	Unsupported operation.

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DescribeStatisticData

Last updated：2023-03-22 17:00:01

1. API Description

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

This API is used to query monitoring data by dimension conditions.

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: DescribeStatisticData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	Module, whose value is fixed at `monitor`
Namespace	Yes	String	Namespace. Valid values: `QCE` , `TKE2` .
MetricNames.N	Yes	Array of String	Metric name list
Conditions.N	No	Array of MidQueryCondition	Dimension condition. The `=` and `in` operators are supported

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Period	No	Integer	Statistical period in seconds. Default value: 300. Optional values: 60, 300, 3,600, and 86,400. Due to the storage period limit, the statistical period is subject to the time range of statistics: 60s: The time range is less than 12 hours, and the timespan between `StartTime` and the current time cannot exceed 15 days. 300s: The time range is less than three days, and the timespan between `StartTime` and the current time cannot exceed 31 days. 3,600s: The time range is less than 30 days, and the timespan between `StartTime` and the current time cannot exceed 93 days. 86,400s: The time range is less than 186 days, and the timespan between `StartTime` and the current time cannot exceed 186 days.
StartTime	No	String	Start time, which is the current time by default, such as 2020-12-08T19:51:23+08:00
EndTime	No	String	End time, which is the current time by default, such as 2020-12-08T19:51:23+08:00
GroupBys.N	No	Array of String	`groupBy` by the specified dimension

3. Output Parameters

Parameter Name	Type	Description
Period	Integer	Statistical period
StartTime	String	Start time
EndTime	String	End time
Data	Array of MetricData	Monitoring data
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 Querying monitoring data by dimension condition

This example shows you how to query the monitoring data of the metric `K8sPodCpuCoreUsed` .

Input Example

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

{
"Module": "monitor",
"Namespace": "QCE/TKE2",
"MetricNames": [
"K8sPodCpuCoreUsed"
],
"Period": 300,
"Conditions": [
{
"Key": "tke_cluster_instance_id",
"Operator": "=",
"Value": [
"cls-mw2w40s7"
]
}
],
"StartTime": "2020-11-24T15:15:50+08:00",
"EndTime": "2020-11-24T15:25:50+08:00"
}
```

Output Example

```
{
"Response": {
"Data": [
{
"MetricName": "K8sPodCpuCoreUsed",
"Points": [
{
"Dimensions": [
{
```

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```
"Name": "tke_cluster_instance_id",
"Value": "cls-mw2w40s7"
},
{
"Name": "node",
"Value": "cls-gn7vut9a-virtual-kubelet-subnet-node-2"
},
{
"Name": "pod_name",
"Value": "proxy-edge-j7j95"
},
{
"Name": "workload_name",
"Value": "init-test-nfs02"
},
{
"Name": "namespace",
"Value": "default-test"
},
{
"Name": "node_role",
"Value": "node"
},
{
"Name": "un_instance_id",
"Value": "cls-gn7vut9a-virtual-kubelet-subnet-nmpi5ecw-1"
},
{
"Name": "workload_kind",
"Value": "Deployment"
}
],
"Values": [
{
"Timestamp": 1606202100,
"Value": 41.066
},
{
"Timestamp": 1606202400,
"Value": 38.666
},
{
"Timestamp": 1606202700,
"Value": 37.866
}
]
},
```


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```
{
"Dimensions": [
{
"Name": "namespace",
"Value": "default-test"
},
{
"Name": "node",
"Value": "cls-gn7vut9a-virtual-kubelet-subnet-node-3"
},
{
"Name": "node_role",
"Value": "node"
},
{
"Name": "pod_name",
"Value": "network-tools-b94d6dd89-flf7n"
},
{
"Name": "un_instance_id",
"Value": "cls-gn7vut9a-virtual-kubelet-subnet-nmpi5ecw-1"
},
{
"Name": "workload_kind",
"Value": "Deployment"
},
{
"Name": "workload_name",
"Value": "init-test-nfs00"
},
{
"Name": "tke_cluster_instance_id",
"Value": "cls-mw2w40s7"
}
],
"Values": [
{
"Timestamp": 1606202100,
"Value": 42.666
},
{
"Timestamp": 1606202400,
"Value": 33.6
},
{
"Timestamp": 1606202700,
"Value": 40.266
```


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```
}
]
}
]
}
],
"EndTime": "2020-11-24 15:25:00",
"Period": 300,
"RequestId": "0d25d659-71ee-4c93-b8e1-f3992c61ff46",
"StartTime": "2020-11-24 15:15:00"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.

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AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
FailedOperation	Operation failed.
FailedOperation.DataColumnNotFound	The data table field doesn't exist.
FailedOperation.DataQueryFailed	Failed to query the data.
FailedOperation.DataTableNotFound	The data table doesn't exist.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DivisionByZero	The dividend is zero.
InternalError	Internal error.
InternalError.CallbackFail	Error with the callback.
InternalError.DependsApi	Error with another dependent API.
InternalError.DependsDb	Error with the dependent db.
InternalError.DependsMq	Error with the dependent mq.
InternalError.ExeTimeout	Execution timed out.
InternalError.System	System error.
InternalError.TaskResultFormat	An error occurred while parsing the task result.
InvalidParameter	Invalid parameter.
InvalidParameter.DupTask	The task has already been submitted.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.

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InvalidParameter.MissAKSK	The platform configuration is missing.
InvalidParameter.ParamError	Incorrect parameter.
InvalidParameter.SecretIdOrSecretKeyError	Error with the platform configuration.
InvalidParameter.UnsupportedProduct	This product doesn't support scan.
InvalidParameterValue	The parameter value is incorrect.
InvalidParameterValue.DashboardNameExists	The dashboard name already exists.
InvalidParameterValue.VersionMismatch	The version does not match.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
OperationDenied	Operation denied.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceNotFound.NotExistTask	The task does not exist.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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GetMonitorData

Last updated：2023-03-22 17:00:00

1. API Description

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

This API is used to get the monitoring data of Tencent Cloud services except TKE. To pull TKE's monitoring data, use the DescribeStatisticData API.
You can get the monitoring data of a Tencent Cloud service by passing in its namespace, object dimension description, and monitoring metrics.
API call rate limit: 20 calls/second (1,200 calls/minute). A single request can get the data of up to 10 instances for up to 1,440 data points.
If you need to call a large number of APIs to pull metrics or objects at a time, some APIs may fail to be called due to the rate limit. We suggest you evenly arrange API calls at a time granularity.

A maximum of 50 requests can be initiated per second for this API.

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: GetMonitorData.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Namespace	Yes	String	Namespace, such as QCE/CVM. For more information on the namespaces of each Tencent Cloud service, please see Tencent Cloud Service Metrics

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MetricName	Yes	String	Metric name, such as `CPUUsage` . Only one monitoring metric can be pulled at a time. For more information on the metrics of each Tencent Cloud service, please see Tencent Cloud Service Metrics. The corresponding metric name is `MetricName` .
Instances.N	Yes	Array of Instance	The dimension combination for instance objects, which is in the form of a set of key-value pairs. The dimension fields for instances of different Tencent Cloud services are completely different. For example, the field is [{"Name":"InstanceId","Value":"ins-j0hk02zo"}] for CVM instances, [{"Name":"instanceId","Value":"ckafka-l49k54dd"}] for CKafka instances, and [{"Name":"appid","Value":"1258344699"}, {"Name":"bucket","Value":"rig-1258344699"}] for COS instances. For more information on the dimensions of various Tencent Cloud services, please see Tencent Cloud Service Metrics. In each document, the dimension column displays a dimension combination's key, which has a corresponding value. A single request can get the data of up to 10 instances.
Period	No	Integer	Monitoring statistical period in seconds, such as 60. Default value: 300. The statistical period varies by metric. For more information on the statistical periods supported by each Tencent Cloud service, please see Tencent Cloud Service Metrics. The values in the statistical period column are the supported statistical periods. A single request can get up to 1,440 data points.
StartTime	No	Timestamp ISO8601	Start time such as 2018-09-22T19:51:23+08:00
EndTime	No	Timestamp ISO8601	End time, which is the current time by default, such as 2018-09-22T20:51:23+08:00. `EndTime` cannot be earlier than `StartTime`

3. Output Parameters

Parameter Name	Type	Description
Period	Integer	Statistical period
MetricName	String	Metric name
DataPoints	Array of DataPoint	Array of data points

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StartTime	Timestamp ISO8601	Start time
EndTime	Timestamp ISO8601	End time
Msg	String	Returned message
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Pulling the monitoring data of a single CVM instance

This example shows you how to get the 5-minute granularity monitoring data for the CPU utilization of a CVM instance for a specified period of time.

Input Example

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

{
"Namespace": "QCE/CVM",
"MetricName": "CPUUsage",
"Period": 300,
"Instances": [
{
"Dimensions": [
{
"Name": "InstanceId",
"Value": "ins-j0hk02zo"
}
]
}
],
"StartTime": "2019-03-24T10:51:23+08:00",
"EndTime": "2019-03-24T20:51:23+08:00"
}
```

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Output Example


```
{
"Response": {
"StartTime": "2019-03-24T10:50:00+08:00",
"EndTime": "2019-03-24T20:50:00+08:00",
"Period": 300,
"MetricName": "CPUUsage",
"DataPoints": [
{
"Dimensions": [
{
"Name": "InstanceId",
"Value": "ins-j0hk02zo"
}
],
"Timestamps": [
1535079000,
1535079300,
1535079600,
1535079900,
1535080200,
1535080500
],
"Values": [
2.566,
2.283,
6.316,
2.816,
2.7,
2.35
]
}
],
"Msg": "",
"RequestId": "d96ec542-6547-4af2-91ac-fee85c1b8b85"
}
}
```


Example2 Pulling the monitoring data of multiple CVM instances

This example shows you how to get the 5-minute granularity monitoring data for the CPU utilization of multiple CVM instances for a specified period of time.

Input Example

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

{
"Namespace": "QCE/CVM",
"MetricName": "CPUUsage",
"Period": 300,
"Instances": [
{
"Dimensions": [
{
"Name": "InstanceId",
"Value": "ins-j0hk02zo"
}
]
},
{
"Dimensions": [
{
"Name": "InstanceId",
"Value": "ins-o8vv2w10"
}
]
}
],
"StartTime": "2018-09-22T19:51:23+08:00",
"EndTime": "2018-09-22T20:51:23+08:00"
}
```

Output Example

```
{
"Response": {
"StartTime": "2018-09-22T19:50:00+08:00",
"EndTime": "2018-09-22T20:50:00+08:00",
"Period": 300,
"MetricName": "CPUUsage",
"DataPoints": [
{
"Dimensions": [
{
"Name": "InstanceId",
```

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```
"Value": "ins-j0hk02zo"
}
],
"Timestamps": [],
"Values": []
},
{
"Dimensions": [
{
"Name": "InstanceId",
"Value": "ins-o8vv2w10"
}
],
"Timestamps": [],
"Values": []
}
],
"Msg": "",
"RequestId": "9ac53ccc-fbab-483d-980b-b763bcc2f83f"
}
}
```

Example3 Pulling the monitoring data of a single TencentDB instance

This example shows you how to get the 5-minute granularity monitoring data for the CPU utilization of a TencentDB instance for a specified period of time.

Input Example

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

{
"Namespace": "QCE/CDB",
"MetricName": "CpuUseRate",
"Period": 300,
"Instances": [
{
"Dimensions": [
{
"Name": "InstanceId",
"Value": "cdb-k5d6z7p0"
},
```

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```
{
"Name": "InstanceType",
"Value": "2"
}
]
}
],
"StartTime": "2018-09-22T19:23:07+08:00",
"EndTime": "2018-09-22T20:23:07+08:00"
}
```

Output Example

```
{
"Response": {
"StartTime": "2018-09-22T19:20:00+08:00",
"EndTime": "2018-09-22T20:20:00+08:00",
"Period": 300,
"MetricName": "CpuUseRate",
"DataPoints": [
{
"Dimensions": [
{
"Name": "InstanceType",
"Value": "2"
},
{
"Name": "InstanceId",
"Value": "cdb-k5d6z7p0"
}
],
"Timestamps": [],
"Values": []
}
],
"Msg": "",
"RequestId": "2bcfe8b7-8ea8-4488-9d17-f1aeb106eecd"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
FailedOperation.ErrNotOpen	You have not enabled pay-as-you-go billing for API requests.
FailedOperation.ErrOwed	You have overdue payments.
InternalError	Internal error.
InvalidParameterValue	The parameter value is incorrect.
UnsupportedOperation	Unsupported operation.

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Legacy Alert APIs
ModifyAlarmReceivers

Last updated：2023-08-11 16:09:11

1. API Description

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

This API is used to modify alarm recipients.

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: ModifyAlarmReceivers.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
GroupId	Yes	Integer	ID of a policy group whose recipient needs to be modified.
Module	Yes	String	Required. The value is fixed to monitor.
ReceiverInfos.N	No	Array of ReceiverInfo	New recipient information. If this parameter is not configured, all recipients will be deleted.

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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 Modifying alarm recipient

Input Example

```
https://monitor.tencentcloudapi.com/?Action=ModifyAlarmReceivers
&Module=monitor
&GroupId=111111
&ReceiverInfos.0.StartTime=61261
&ReceiverInfos.0.EndTime=57599
&ReceiverInfos.0.NotifyWay.0=EMAIL
&ReceiverInfos.0.NotifyWay.1=SMS
&ReceiverInfos.0.ReceiverType=group
&ReceiverInfos.0.ReceiverGroupList.0=118074
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "811066c4-2c19-49aa-8077-9a85006c2ae6"
}
}
```

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SDK

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6. Error Code

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

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CreatePolicyGroup

Last updated：2023-08-11 16:09:13

1. API Description

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

This API is used to add a policy group.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePolicyGroup.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
GroupName	Yes	String	Policy group name.
Module	Yes	String	The value is fixed to monitor.
ViewName	No	String	Name of the view to which the policy group belongs. If the policy group is created based

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			on a template, this parameter is optional.
ProjectId	No	Integer	ID of the project to which the policy group belongs, which will be used for authentication.
ConditionTempGroupId	No	Integer	ID of a template-based policy group. This parameter is required only when the policy group is created based on a template.
IsShielded	No	Integer	Whether the policy group is shielded. The value 0 indicates that the policy group is not shielded. The value 1 indicates that the policy group is shielded. The default value is 0.
Remark	No	String	Remarks of the policy group.
InsertTime	No	Integer	Insertion time in the format of Unix timestamp. If this parameter is not configured, the backend processing time is used.
Conditions.N	No	Array of CreatePolicyGroupCondition	Alarm threshold rules in the policy group.
EventConditions.N	No	Array of CreatePolicyGroupEventCondition	Event alarm rules in the policy group.
BackEndCall	No	Integer	Whether it is a backend call. Rules pulled from the policy template will be used to fill in the `Conditions` and `EventConditions` fields only when the value of this parameter is `1`.
IsUnionRule	No	Integer	The 'AND' and 'OR' rules for alarm metrics. The value 0 indicates 'OR', which means that an alarm will be triggered when any rule is met. The value

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			1 indicates 'AND', which means that an alarm will be triggered only when all rules are met.

3. Output Parameters

Parameter Name	Type	Description
GroupId	Integer	ID of the created policy group.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Adding a policy group

Input Example

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

{
"EventConditions": [
{
"EventId": "42",
"AlarmNotifyType": "0",
"AlarmNotifyPeriod": "0"
}
],
"Remark": "backup_group",
"BackEndCall": "0",
"ViewName": "cvm_device",
"ProjectId": "0",
"Module": "monitor",
"IsUnionRule": "1",
"GroupName": "test_group",
"Conditions": [
```

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```
{
"MetricId": "19",
"CalcType": "1",
"AlarmNotifyPeriod": "0",
"ContinuePeriod": "1",
"AlarmNotifyType": "0",
CalcPeriod
"CalcValue": "100"
}
]
}
```

Output Example

```
{
"Response": {
"GroupId": 1288099,
"RequestId": "a91f70ed-e385-4817-9928-994ff06e56ec"
}
}
```

5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
LimitExceeded	Quota limit is reached.
MissingParameter	Missing parameter.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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DeletePolicyGroup

Last updated：2023-08-11 16:09:13

1. API Description

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

This API is used to delete an alarm policy group.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeletePolicyGroup.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	The value is fixed to monitor.
GroupId.N	Yes	Array of Integer	Policy group ID.

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 Deleting alarm policy group

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DeletePolicyGroup
&Module=monitor
&GroupId.0=11111
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "0dbb66c2-b4d6-4c2c-90a9-617d80347ab5"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DruidQueryFailed	Failed to query analysis data.

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FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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DescribePolicyGroupList

Last updated：2023-08-11 16:09:12

1. API Description

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

This API is used to get the list of basic policy alarm groups.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePolicyGroupList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	The value is fixed to monitor.
Limit	Yes	Integer	Number of parameters that can be returned on each page. Value range: 1 - 100.
Offset	Yes	Integer	Parameter offset on each page. The value starts from 0.
Like	No	String	Search by policy name.
InstanceGroupId	No	Integer	Instance group ID.

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UpdateTimeOrder	No	String	Sort by update time. Valid values: asc and desc.
ProjectIds.N	No	Array of Integer	Project ID list.
ViewNames.N	No	Array of String	List of alarm policy types.
FilterUnuseReceiver	No	Integer	Whether to filter policy groups without recipients. The value 1 indicates that policy groups without recipients will be filtered. The value 0 indicates that policy groups without recipients will not be filtered.
Receivers.N	No	Array of String	Filter by recipient group.
ReceiverUserList.N	No	Array of String	Filter by recipient.
Dimensions	No	String	Dimension set field (json string), for example, [[{"name":"unInstanceId","value":"ins-6e4b2aaa"}]].
ConditionTempGroupId	No	String	Template-based policy group IDs, which are separated by commas.
ReceiverType	No	String	Filter by recipient or recipient group. The value 'user' indicates by recipient. The value 'group' indicates by recipient group.
IsOpen	No	Boolean	Filter conditions. Whether the alarm policy has been enabled or disabled

3. Output Parameters

Parameter Name	Type	Description
GroupList	Array of DescribePolicyGroupListGroup	Policy group list. Note: This field may return null, indicating that no valid value was found.
Total	Integer	Total number of policy groups.
Warning	String	Remarks Note: This field may return null, indicating that no valid values

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		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 first two items in the list of basic alarm policy groups

Input Example

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

{
"Limit": "2",
"Module": "monitor",
"Offset": "0"
}
```

Output Example

```
{
"Response": {
"GroupList": [
{
"CanSetDefault": true,
"Conditions": [
{
"AlarmNotifyPeriod": 86400,
"AlarmNotifyType": 0,
"CalcType": 1,
"CalcValue": "0",
"ContinueTime": 60,
"MetricId": 33,
"MetricShowName": "CPU utilization",
"Period": 60,
"RuleId": 1111111,
"Unit": "%"
}
],
```

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```
"ConditionsTemp": null,
"EventConditions": [
{
"AlarmNotifyPeriod": 0,
"AlarmNotifyType": 0,
"EventId": 42,
"EventShowName": "Unreachable by ping",
"RuleId": 1111112
}
],
"GroupId": 1111111,
"GroupName": "Copy-test",
"InsertTime": 1531122504,
"InstanceGroup": null,
"IsDefault": 0,
"IsOpen": true,
"LastEditUin": "1500000000",
"NoShieldedSum": 0,
"ParentGroupId": 0,
"ProjectId": 0,
"ReceiverInfos": [
{
"EndTime": 86400,
"NeedSendNotice": 1,
"NotifyWay": [
"EMAIL",
"SMS"
],
"PersonInterval": 60,
"ReceiverGroupList": [
1111
],
"ReceiverType": "group",
"ReceiverUserList": [],
"RecoverNotify": [
"SMS"
],
"RoundInterval": 60,
"RoundNumber": 2,
"SendFor": [],
"StartTime": 0,
"UidList": null
}
],
"Remark": "",
"UpdateTime": 1577689096,
"UseSum": 0,
```


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```
"ViewName": "cvm_device"
},
{
"CanSetDefault": false,
"Conditions": [
{
"AlarmNotifyPeriod": 0,
"AlarmNotifyType": 0,
"CalcType": 1,
"CalcValue": "0.85",
"ContinueTime": 300,
"MetricId": 1220,
"MetricShowName": "Disk utilization",
"Period": 60,
"RuleId": 1111113,
"Unit": ""
}
],
"ConditionsTemp": null,
"EventConditions": null,
"GroupId": 1111112,
"GroupName": "Default",
"InsertTime": 1565792922,
"InstanceGroup": null,
"IsDefault": 1,
"IsOpen": true,
"LastEditUin": "1500000687",
"NoShieldedSum": 1,
"ParentGroupId": 0,
"ProjectId": 0,
"ReceiverInfos": null,
"Remark": "",
"UpdateTime": 1565792922,
"UseSum": 1,
"ViewName": "CKAFKA_INSTANCE"
}
],
"RequestId": "5fdf1257-6024-4b59-b924-2b995080f0bd",
"Total": 142,
"Warning": "This method is deprecated! Use `DescribeAlarmPolicies` instead!"
}
}
```


5. Developer Resources

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SDK

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6. Error Code

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

Error Code	Description
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.

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FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.

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UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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DescribeBasicAlarmList

Last updated：2023-08-11 16:09:12

1. API Description

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

This API is used to get the basic alarm list.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeBasicAlarmList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	API component name. The value for the current API is monitor.
StartTime	No	Integer	Start time, which is the timestamp one day prior by default.
EndTime	No	Integer	End time, which is the current timestamp by default.
Limit	No	Integer	Number of parameters that can be returned on each page. Value range: 1 - 100. Default value: 20.
Offset	No	Integer	Parameter offset on each page. The value starts from 0 and the default value is 0.

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OccurTimeOrder	No	String	Sorting by occurrence time. Valid values: asc and desc.
ProjectIds.N	No	Array of Integer	Filter by project ID.
ViewNames.N	No	Array of String	Filter by policy type.
AlarmStatus.N	No	Array of Integer	Filter by alarm status.
ObjLike	No	String	Filter by alarm object.
InstanceGroupIds.N	No	Array of Integer	Filter by instance group ID.
MetricNames.N	No	Array of String	Filtering by metric names

3. Output Parameters

Parameter Name	Type	Description
Alarms	Array of DescribeBasicAlarmListAlarms	Alarm list. Note: This field may return null, indicating that no valid value was found.
Total	Integer	Total number. Note: This field may return null, indicating that no valid value was found.
Warning	String	Remarks 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 Getting the list of basic alarms

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Input Example

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

{
"AlarmStatus": [
"1"
],
"MetricNames": [
"mem_used"
],
"Module": "monitor",
"ViewNames": [
"cvm_device"
],
"Limit": "20",
"StartTime": "1573660800",
"Offset": "0",
"ProjectIds": [
"0"
],
"EndTime": "1573919999",
"OccurTimeOrder": "DESC"
}
```

Output Example

```
{
"Response": {
"Alarms": [
{
"AlarmStatus": "OK",
"AlarmType": "Memory usage",
"Content": "Memory usage > 66666 MB",
"Dimensions": "{\"unInstanceId\":\"ins-19a06nn8\"}",
"Duration": 600,
"FirstOccurTime": "2019-11-16T15:50:00+08:00",
"GroupId": 1278966,
"GroupName": "dddd",
"Id": 30057956,
"InstanceGroup": [
{
```

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```
"InstanceGroupId": 562,
"InstanceGroupName": "barad_nws_cvm"
}
],
"LastOccurTime": "2019-11-16T16:00:00+08:00",
"MetricId": 24,
"MetricName": "mem_used",
"NotifyWay": [
"EMAIL",
"SMS"
],
"ObjId": "a961c198-e0e2-4989-a3b6-7b155b35ff6f",
"ObjName": "10.0.0.14(251008737 vm1)",
"ProjectId": 0,
"ProjectName": "Default project",
"Region": "gz",
"Status": 1,
"ViewName": "cvm_device",
"Vpc": "1"
},
{
"AlarmStatus": "OK",
"AlarmType": "Memory usage",
"Content": "Memory usage >= 200000 MB",
"Dimensions": "{\"unInstanceId\":\"ins-19a06nn8\"}",
"Duration": 180,
"FirstOccurTime": "2019-11-16T15:45:00+08:00",
"GroupId": 1279043,
"GroupName": "-",
"Id": 30057955,
"InstanceGroup": [
{
"InstanceGroupId": 562,
"InstanceGroupName": "barad_nws_cvm"
}
],
"LastOccurTime": "2019-11-16T15:48:00+08:00",
"MetricId": 24,
"MetricName": "mem_used",
"NotifyWay": [
"EMAIL",
"SMS",
"WECHAT"
],
"ObjId": "a961c198-e0e2-4989-a3b6-7b155b35ff6f",
"ObjName": "10.0.0.14(251008737 vm1)",
"ProjectId": 0,
```


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```
"ProjectName": "Default project",
"Region": "gz",
"Status": 1,
"ViewName": "cvm_device",
"Vpc": "1"
}
],
"RequestId": "6b64cc24-0c60-483f-bdc3-2e55edbbc68c",
"Total": 2,
"Warning": "This method is deprecated! Use `DescribeAlarmHistories` instead!"
}
}
```


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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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FailedOperation.DoHTTPTransferFailed	Backend service timed out.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
MissingParameter	Missing parameter.
UnsupportedOperation	Unsupported operation.

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ModifyPolicyGroup

Last updated：2023-08-11 16:09:11

1. API Description

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

This API is used to update policy group.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyPolicyGroup.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	The value is fixed to monitor.
GroupId	Yes	Integer	Policy group ID.
ViewName	Yes	String	Alarm type.
GroupName	Yes	String	Policy group name.

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IsUnionRule	Yes	Integer	The 'AND' and 'OR' rules for metric alarms. The value 1 indicates 'AND', which means that an alarm will be triggered only when all rules are met. The value 0 indicates 'OR', which means that an alarm will be triggered when any rule is met.
Conditions.N	No	Array of ModifyPolicyGroupCondition	Metric alarm condition rules. No filling indicates that all existing metric alarm condition rules will be deleted.
EventConditions.N	No	Array of ModifyPolicyGroupEventCondition	Event alarm conditions. No filling indicates that all existing event alarm conditions will be deleted.
ConditionTempGroupId	No	Integer	Template-based policy group ID.

3. Output Parameters

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

4. Example

Example1 Updating policy group

Input Example

```
https://monitor.tencentcloudapi.com/?Action=ModifyPolicyGroup
&Module=monitor
&GroupId=1998785
&ViewName=cvm_device
```

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```
&GroupName=NewPolicyGroup
&IsUnionRule=0
&Conditions.0.MetricId=33
&Conditions.0.RuleId=5001614
&Conditions.0.CalcType=1
&Conditions.0.CalcValue=50
&Conditions.0.CalcPeriod=300
&Conditions.0.ContinuePeriod=3
&Conditions.0.AlarmNotifyType=0
&Conditions.0.AlarmNotifyPeriod=7200
&<Common request parameters>
```

Output Example

```
{
"Response": {
"GroupId": 1998785,
"RequestId": "dfa8ff38-8272-4165-8ec2-357d76c43457"
}
}
```

5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
MissingParameter	Missing parameter.
ResourceNotFound	The resource is not found.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.

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UnsupportedOperation	Unsupported operation.

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DescribePolicyGroupInfo

Last updated：2023-08-11 16:09:12

1. API Description

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

This API is used to get details of a basic policy group.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePolicyGroupInfo.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	The value is fixed to monitor.
GroupId	Yes	Integer	Policy group ID.

3. Output Parameters

Parameter Name	Type	Description

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GroupName	String	Policy group name.
ProjectId	Integer	ID of the project to which the policy group belongs.
IsDefault	Integer	Whether it is the default policy. The value 0 indicates that it is not the default policy. The value 1 indicates that it is the default policy.
ViewName	String	Policy type.
Remark	String	Policy description
ShowName	String	Policy type name.
LastEditUin	String	Uin that was last edited.
UpdateTime	String	Last edited time.
Region	Array of String	Regions supported by this policy.
DimensionGroup	Array of String	List of policy type dimensions.
ConditionsConfig	Array of DescribePolicyGroupInfoCondition	Threshold rule list. Note: This field may return null, indicating that no valid value was found.
EventConfig	Array of DescribePolicyGroupInfoEventCondition	Product event rule list. Note: This field may return null, indicating that no valid value was found.
ReceiverInfos	Array of DescribePolicyGroupInfoReceiverInfo	Recipient list. Note: This field may return null, indicating that no valid value was found.
Callback	DescribePolicyGroupInfoCallback	User callback information. Note: This field may return null, indicating that no valid value was found.
ConditionsTemp	DescribePolicyGroupInfoConditionTpl	Template-based policy group. Note: This field may return null, indicating that no valid value was found.
CanSetDefault	Boolean	Whether the policy can be configured as the default policy.
IsUnionRule	Integer	Whether the 'AND' rule is used. Note: This field may return null, indicating that

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		no valid value was found.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying policy group information

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePolicyGroupInfo
&Module=monitor
&GroupId=11111
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Callback": null,
"CanSetDefault": true,
"ConditionsConfig": [
{
"AlarmNotifyPeriod": 86400,
"AlarmNotifyType": 0,
"CalcType": 1,
"CalcValue": "0",
"ContinueTime": 60,
"MetricId": 33,
"MetricShowName": "CPU utilization",
"Period": 60,
"RuleId": 200000,
"Unit": "%"
}
],
"ConditionsTemp": null,
"DimensionGroup": [
"unInstanceId"
],
"EventConfig": [
{
"AlarmNotifyPeriod": 86400,
```

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```
"AlarmNotifyType": 0,
"EventId": 42,
"EventShowName": "Unreachable by ping",
"RuleId": 200001
}
],
"GroupName": "Policy group name test",
"IsDefault": 0,
"LastEditUin": "1500000000",
"ProjectId": 0,
"ReceiverInfos": null,
"Region": [
"bj",
"ca",
"cd",
"de",
"gz",
"gzopen",
"hk",
"hzec",
"jnec",
"jp",
"kr",
"nj",
"sg",
"sh",
"shjr",
"tsn",
"usw"
],
"Remark": "",
"RequestId": "11111111-1111-1111-1111-111111111111",
"ShowName": "CVM - basic monitoring",
"UpdateTime": "2018-07-09 15:56:55",
"ViewName": "cvm_device"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Java
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- Tencent Cloud SDK 3.0 for 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.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.

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FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.
ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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DescribePolicyConditionList

Last updated：2023-08-11 16:09:12

1. API Description

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

This API is used to get basic alarm policy conditions.

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: DescribePolicyConditionList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required.
Module	Yes	String	The value is fixed to monitor.

3. Output Parameters

Parameter Name	Type	Description
Conditions	Array of	List of alarm policy conditions.

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

4. Example

Example1 Obtaining basic alarm policy conditions

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePolicyConditionList
&Module=monitor
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Conditions": [
{
"EventMetrics": null,
"IsSupportMultiRegion": true,
"Metrics": [
{
"ConfigManual": {
"CalcType": {
"Keys": [
1,
2,
3,
4,
5,
6
],
"Need": true
},
"CalcValue": {
"Default": null,
"Fixed": null,
"Max": "1024.000000",
"Min": "0.000000",
"Need": true
},
```

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```
"ContinueTime": {
"Default": null,
"Keys": [
60,
120,
180,
240,
300,
600,
900,
1200,
1500
],
"Need": true
},
"Period": {
"Default": null,
"Keys": [
60,
300
],
"Need": true
},
"PeriodNum": {
"Default": null,
"Keys": [
1,
2,
3,
4,
5
],
"Need": true
},
"StatType": {
"P10": null,
"P1800": null,
"P300": "max",
"P3600": null,
"P5": null,
"P60": "sum",
"P600": null,
"P86400": null
}
},
"MetricId": 1837,
"MetricShowName": "Number of server port exceptions",
```


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```
"MetricUnit": "Count"
}
],
"Name": "CLB - server port (other)- listener dimension",
"PolicyViewName": "LB_RS_PORT_STATUS",
"SortId": 500,
"SupportDefault": false,
"SupportRegions": [
"bj",
"gz",
"nj"
]
},
{
"EventMetrics": null,
"IsSupportMultiRegion": true,
"Metrics": [
{
"ConfigManual": {
"CalcType": {
"Keys": [
1,
2,
3,
4,
5,
6
],
"Need": true
},
"CalcValue": {
"Default": null,
"Fixed": null,
"Max": "199.000000",
"Min": "10.000000",
"Need": true
},
"ContinueTime": {
"Default": null,
"Keys": [
60,
120,
180,
240,
300,
600,
900,
```


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```
1200,
1500
],
"Need": true
},
"Period": {
"Default": null,
"Keys": [
60,
300
],
"Need": true
},
"PeriodNum": {
"Default": null,
"Keys": [
1,
2,
3,
4,
5
],
"Need": true
},
"StatType": {
"P10": null,
"P1800": null,
"P300": "min",
"P3600": null,
"P5": null,
"P60": "min",
"P600": null,
"P86400": null
}
},
"MetricId": 7025,
"MetricShowName": "13_shan002_metric01",
"MetricUnit": "s"
}
],
"Name": "13_shan002_policy",
"PolicyViewName": "13_shan002_policy",
"SortId": 500,
"SupportDefault": true,
"SupportRegions": [
"bj",
"gz",
```


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```
"nj"
]
},
{
"EventMetrics": null,
"IsSupportMultiRegion": true,
"Metrics": [
{
"ConfigManual": {
"CalcType": {
"Keys": [
1,
2,
3,
4,
5,
6
],
"Need": true
},
"CalcValue": {
"Default": null,
"Fixed": null,
"Max": "100000000.000000",
"Min": "0.000000",
"Need": true
},
"ContinueTime": {
"Default": null,
"Keys": [
60,
120,
180,
240,
300,
600,
900,
900,
1200,
1500
],
"Need": true
},
"Period": {
"Default": null,
"Keys": [
300,
```


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```
60
],
"Need": true
},
"PeriodNum": {
"Default": null,
"Keys": [
1,
2,
3,
4,
5
],
"Need": true
},
"StatType": {
"P10": null,
"P1800": null,
"P300": "max",
"P3600": null,
"P5": null,
"P60": "max",
"P600": null,
"P86400": null
}
},
"MetricId": 2580,
"MetricShowName": "rtt",
"MetricUnit": "us"
}
],
"Name": "cluster_status_test0",
"PolicyViewName": "cluster_status_test0",
"SortId": 500,
"SupportDefault": false,
"SupportRegions": [
"bj",
"gz",
"nj"
]
}
],
"RequestId": "xx"
}
}
```


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5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.
FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.

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FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
InternalError	Internal error.
InternalError.ExeTimeout	Execution timed out.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.
MissingParameter	Missing parameter.
ResourceInUse	The resource is in use.
ResourceInsufficient	Insufficient resources.
ResourceNotFound	The resource is not found.

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ResourceUnavailable	The resource is unavailable.
ResourcesSoldOut	The resources have been sold out.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.

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Prometheus Service APIs DescribePrometheusInstanceUsage

Last updated：2023-08-11 16:09:06

1. API Description

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

This API is used to query the usage of a pay-as-you-go Tencent Managed Service for Prometheus (TMP) instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusInstanceUsage.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceIds.N	Yes	Array of String	Query by one or more instance IDs. Instance ID is in the format of `prom-xxxxxxxx` . Up to 100 instances can be queried in one request.

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StartCalcDate	Yes	String	Start time
EndCalcDate	Yes	String	End time

3. Output Parameters

Parameter Name	Type	Description
UsageSet	Array of PrometheusInstanceTenantUsage	Usage list 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 usage of a pay-as-you-go TMP instance

Input Example

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

{
"InstanceIds": [
"prom-xxxxx"
],
"StartCalcDate": "20210101",
"EndCalcDate": "20210101"
}
```

Output Example

```
{
"Response": {
"UsageSet": [
```

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```
{
"InstanceId": "prom-xxxxx",
"CalcDate": "20210101",
"Total": 1.1,
"Basic": 1.1,
"Fee": 1.1
}
],
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```


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 NodeJS
- 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	Error with CAM signature/authentication.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the

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	authentication, see the CAM documentation.
FailedOperation	Operation failed.
FailedOperation.DbQueryFailed	Failed to query the database.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameter.ParamError	Incorrect parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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DescribeServiceDiscovery

Last updated：2023-08-18 17:34:39

1. API Description

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

This API is used to list Prometheus scrape configurations in TKE.

Note: The prerequisite is that the corresponding TKE service has been integrated through the Prometheus 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: DescribeServiceDiscovery.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Prometheus instance ID
KubeClusterId	Yes	String	• TKE: ID of the integrated TKE cluster

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Parameter Name	Required	Type	Description
KubeType	Yes	Integer	Kubernetes cluster type: • 1 = TKE

3. Output Parameters

Parameter Name	Type	Description
ServiceDiscoverySet	Array of ServiceDiscoveryItem	List of returned scrape configurations 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 Listing scrape configurations

Input Example

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

{
"InstanceId": "prom-sdfk2342a",
"KubeClusterId": "cls-pwerf3k3",
"KubeType": 1
}
```

Output Example

```
{
"Response": {
"RequestId": "0523dedd-1235-428d-885c-9443cf9175d1",
"ServiceDiscoverySet": [
```

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```
{
"Kind": "ServiceMonitor",
"Name": "name",
"Namespace": "namespace",
"Selector": "{\"matchLabels\":{\"k8sapp\":\"mysql-exporter\"}}",
"Yaml": "apiVersion: monitoring.coreos.com...",
"NamespaceSelector": "{\"matchNames\":[\"demo-ns\"]}",
"Endpoints": "[{\"port\":\"tcp-port\",\"path\":\"/metrics\",\"interval\":\"30s\",
\"bearerTokenSecret\":{\"key\":\"\"}}]"
}
]
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for NodeJS
- 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.AccessSTSFail	Failed to access STS.

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Error Code	Description
FailedOperation.AccessTKEFail	Failed to access the TKE cluster.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.InstanceNotRunning	The instance is not running.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.TKEEndpointStatusError	The TKE endpoint is inaccessible.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound	The resource is not found.

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CreateServiceDiscovery

Last updated：2023-08-25 14:47:15

1. API Description

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

This API is used to create a Prometheus scrape configuration in TKE.

Note: The prerequisite is that the corresponding TKE service has been integrated through the Prometheus 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: CreateServiceDiscovery.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Prometheus instance ID
KubeClusterId	Yes	String	• TKE: ID of the integrated TKE cluster

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Parameter Name	Required	Type	Description
KubeType	Yes	Integer	Kubernetes cluster type: • 1 = TKE
Type	Yes	Integer	Scrape configuration type. Valid values: • 1 = ServiceMonitor • 2 = PodMonitor • 3 = JobMonitor
Yaml	Yes	String	Scrape configuration information

3. Output Parameters

Parameter Name	Type	Description
ServiceDiscovery	ServiceDiscoveryItem	The scrape configuration information returned after successful creation
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a scrape configuration

Input Example

```
https://monitor.tencentcloudapi.com/?Action=CreateServiceDiscovery
&InstanceId=prom-sdfk2342a
&KubeClusterId=cls-pwerf3k3
&KubeType=1
&Type=1
&Yaml=yaml
&<Common request parameters>
```

Output Example

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

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```
"ServiceDiscovery": {
"Kind": "ServiceMonitor",
"Name": "name",
"Namespace": "namespace",
"Selector": "{\"matchLabels\":{\"k8sapp\":\"mysql-exporter\"}}",
"Yaml": "apiVersion: monitoring.coreos.com...",
"NamespaceSelector": "{\"matchNames\":[\"demo-ns\"]}",
"Endpoints": "[{\"port\":\"tcp-port\",\"path\":\"/metrics\",\"interval\":\"30s\",
\"bearerTokenSecret\":{\"key\":\"\"}}]"
},
"RequestId": "nrtlca1qmunlpf51noe13qp5vyvg7mq5"
}
}
```


5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for NodeJS
- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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Error Code	Description
FailedOperation.AccessSTSFail	Failed to access STS.
FailedOperation.AccessTKEFail	Failed to access the TKE cluster.
FailedOperation.AgentVersionNotSupported	The agent version does not support this operation. Upgrade the agent.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.TKEClientAuthFail	There is no access to TKE.
FailedOperation.TKEEndpointStatusError	The TKE endpoint is inaccessible.
FailedOperation.TKEResourceConflict	A conflict occurred while updating the TKE resource.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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UpdateAlertRuleState

Last updated：2023-08-11 16:09:02

1. API Description

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

This API is used to update the status of a Prometheus alerting rule.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpdateAlertRuleState.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
RuleIds.N	Yes	Array of String	List of rule IDs
InstanceId	Yes	String	Prometheus instance ID
RuleState	Yes	Integer	Rule status code. Valid values: • 2=RuleEnabled

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			• 3=RuleDisabled Default value: 2 (enabled).

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 the status of an alerting rule

Input Example

```
https://monitor.tencentcloudapi.com/?Action=UpdateAlertRuleState
&InstanceId=my-prom-gg
&RuleIds.0=arule-m74lrt6g
&RuleState=3
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "ljynf9quqfeko5pwcr24llmhy9rspzye"
}
}
```

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
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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UpdateAlertRule

Last updated：2023-08-11 16:09:03

1. API Description

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

This API is used to update a Prometheus alerting rule.

Note that alert object and alert message are special fields of Prometheus Rule Annotations, which need to be passed in through `annotations` and correspond to `summary` and `description` keys respectively. For more information, see Alerting rules.

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: UpdateAlertRule.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.

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RuleId	Yes	String	Prometheus alerting rule ID
InstanceId	Yes	String	Prometheus instance ID
RuleState	Yes	Integer	Rule status code. Valid values: • 1=RuleDeleted • 2=RuleEnabled • 3=RuleDisabled Default value: 2 (enabled).
RuleName	Yes	String	Alerting rule name
Expr	Yes	String	Alerting rule expression
Duration	Yes	String	Alerting rule duration
Receivers.N	Yes	Array of String	List of alerting rule recipient groups
Labels.N	No	Array of PrometheusRuleKV	List of alerting rule tags
Annotations.N	No	Array of PrometheusRuleKV	List of alerting rule annotations. Alert object and alert message are special fields of Prometheus Rule Annotations, which need to be passed in through `annotations` and correspond to `summary` and `description` keys respectively.
Type	No	String	Alerting rule template category

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID
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 Updating an alerting rule

Input Example

```
https://monitor.tencentcloudapi.com/?Action=UpdateAlertRule
&InstanceId=my-prom-gg
&RuleId=arule-omq28fcm
&RuleState=2
&RuleName=exampleName
&Expr=job:request_latency_seconds:mean5m{job=\"myjob\"}>0.5
&Duration=1m
&Receivers.0=33432
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "qyh38g1ium4-41o5k994o7hcxuq96zab",
"RuleId": "arule-omq28fcm"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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DescribeAlertRules

Last updated：2023-08-11 16:09:06

1. API Description

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

This API is used to query a Prometheus alerting rule.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAlertRules.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Prometheus instance ID
Limit	No	Integer	Number of returned results. Default value: 20. Maximum value: 100.
Offset	No	Integer	Offset. Default value: 0.
RuleId	No	String	Rule ID

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RuleState	No	Integer	Rule status code. Valid values: • 2=RuleEnabled • 3=RuleDisabled
RuleName	No	String	Rule name
Type	No	String	Alerting rule template category

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of alerting rules
AlertRuleSet	Array of PrometheusRuleSet	Alerting rule details 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 alerting rules

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribeAlertRules
&InstanceId=my-prom-gg
&RuleState=2
&Limit=10
&<Common request parameters>
```

Output Example

```
{
"Response": {
"AlertRuleSet": [
{
"RuleId": "arule-c9qvmfm8",
"RuleName": "example6",
```

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```
"RuleState": 3,
"Type": "",
"Labels": [
{
"Key": "k1",
"Value": "v1"
},
{
"Key": "k2",
"Value": "v2"
}
],
"Expr": "up{service=\"rig-prometheus-agent\"} > 0",
"Annotations": [
{
"Key": "ak1",
"Value": "av1"
},
{
"Key": "ak2",
"Value": "av2"
}
],
"Duration": "1m",
"Receivers": [
"123",
"456"
],
"CreatedAt": "2020-08-24T09:39:27Z",
"UpdatedAt": "2020-08-24T09:39:27Z"
},
{
"RuleId": "arule-nnqzmis6",
"RuleName": "example5",
"RuleState": 2,
"Type": "",
"Labels": [
{
"Key": "k1",
"Value": "v1"
},
{
"Key": "k2",
"Value": "v2"
}
],
"Expr": "up{service=\"rig-prometheus-agent\"} > 0",
```


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```
"Annotations": [
{
"Key": "ak1",
"Value": "av1"
},
{
"Key": "ak2",
"Value": "av2"
}
],
"Duration": "1m",
"Receivers": [
"123",
"456"
],
"CreatedAt": "2020-08-24T09:39:17Z",
"UpdatedAt": "2020-08-24T09:39:17Z"
}
],
"RequestId": "-fp6ttca3mlpv34ks85fv3661vja2bwg",
"TotalCount": 2
}
}
```


5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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DeleteAlertRules

Last updated：2023-08-11 16:09:07

1. API Description

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

This API is used to batch delete Prometheus alerting rules.

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: DeleteAlertRules.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
RuleIds.N	Yes	Array of String	List of rule IDs
InstanceId	Yes	String	Prometheus instance ID

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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 alerting rules

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DeleteAlertRules
&InstanceId=my-prom-gg
&RuleIds.0=arule-m74lrt6g
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "ljynf9quqfeko5pwcr24llmhy9rspzye"
}
}
```

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 NodeJS

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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
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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CreateAlertRule

Last updated：2023-08-11 16:09:09

1. API Description

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

This API is used to create a Prometheus alerting rule.

Note that alert object and alert message are special fields of Prometheus Rule Annotations, which need to be passed in through `annotations` and correspond to `summary` and `description` keys respectively. For more information, see Alerting rules.

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: CreateAlertRule.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.

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InstanceId	Yes	String	TMP instance ID, such as “prom-abcd1234”.
RuleName	Yes	String	Rule name
Expr	Yes	String	Alerting rule expression. For more information, see Alerting Rule Description
Receivers.N	Yes	Array of String	List of alert notification template IDs
RuleState	No	Integer	Rule status code. Valid values: • 2=RuleEnabled • 3=RuleDisabled
Duration	No	String	Rule alert duration
Labels.N	No	Array of PrometheusRuleKV	List of tags
Annotations.N	No	Array of PrometheusRuleKV	List of annotations. Alert object and alert message are special fields of Prometheus Rule Annotations, which need to be passed in through `annotations` and correspond to `summary` and `description` keys respectively.
Type	No	String	Alerting rule template category

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID 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 Creating an alerting rule

Input Example

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

{
"Receivers": [
"34224"
],
"InstanceId": "prom-abcd1234",
"Expr": "\"up{service=\\\"rig-prometheus-agent\\\"}>0\"",
"Duration": "5m",
"RuleName": "test",
"RuleState": "2"
}
```

Output Example

```
{
"Response": {
"RequestId": "hfd437lxxdj3455-qxdb3eyydvw4doxm",
"RuleId": "arule-f2vx2owo"
}
}
```

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
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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DescribePrometheusInstances

Last updated：2023-08-11 16:09:05

1. API Description

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

This API is used to query the details of one or multiple instances.

- You can query the details of an instance by its ID, name, or status.
- If this parameter is empty, the information of a certain number of instances under the current account will be returned. The number is specified by `Limit` and is 20 by default.

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: DescribePrometheusInstances.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.

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InstanceIds.N	No	Array of String	Queries by instance ID or IDs. Instance ID is in the format of `prom-xxxxxxxx` . Up to 100 instances can be queried in one request.
InstanceStatus.N	No	Array of Integer	Filter by instance status • 1: Creating • 2: Running • 3: Abnormal • 4: Rebooting • 5: Terminating • 6: Service suspended • 8: Suspending service for overdue payment • 9: Service suspended for overdue payment
InstanceName	No	String	Filter by instance name
Zones.N	No	Array of String	Filter by AZ in the format of `ap-guangzhou-1`
TagFilters.N	No	Array of PrometheusTag	Filter by tag key-value pair. The `tag-key` should be replaced with a specific tag key.
IPv4Address.N	No	Array of String	Filter by instance IPv4 address
Limit	No	Integer	Number of returned results. Default value: 20. Maximum value: 100.
Offset	No	Integer	Offset. Default value: 0.
InstanceChargeType	No	Integer	Filter by billing mode • 2: Monthly subscription • 3: Pay-as-you-go

3. Output Parameters

Parameter Name	Type	Description
InstanceSet	Array of PrometheusInstancesItem	List of instance details. Note: This field may return null, indicating that no valid values can be obtained.
TotalCount	Integer	Number of eligible instances.

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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 the list of Prometheus instances

Input Example

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

{
"InstanceIds": [
"prom-ncxkwqr8"
]
}
```

Output Example

```
{
"Response": {
"TotalCount": 1,
"InstanceSet": [
{
"InstanceName": "name",
"InstanceChargeType": 1,
"InstanceId": "prom-xxxxx",
"InstanceStatus": 1,
"RegionId": 1,
"Zone": "ap-guangzhou-1",
"VpcId": "vpcID",
"SubnetId": "subnetid",
"IPv4Address": "",
"DataRetentionTime": 30,
"EnableGrafana": 0,
"GrafanaURL": "",
"CreatedAt": "2020-07-07T10:39:18Z"
}
],
```

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```
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure.AccessCAMFail	Access authentication failed.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
FailedOperation	Operation failed.
FailedOperation.AccessTagFail	Failed to access the tag service.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.

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FailedOperation.InternalError	Internal service error.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.SendRequest	Failed to send the authorization request.
InternalError	Internal error.
InvalidParameterValue	The parameter value is incorrect.

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UpgradeGrafanaDashboard

Last updated：2023-08-11 16:09:01

1. API Description

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

This API is used to update a Grafana dashboard.

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: UpgradeGrafanaDashboard.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
IntegrationCodes.N	No	Array of String	Prometheus integration code, indicating to upgrade to the corresponding dashboard. Valid values: • spring_mvc • mysql • go

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			• redis • jvm • pgsql • mongo • kafka • es • flink • blackbox • consule • memcached • zk • tps • istio • etcd

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 a Grafana dashboard

Input Example

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

{
"InstanceId": "prom-gds3q53s",
"IntegrationCodes": [
"spring-mvc"
]
}
```

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Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

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UpdatePrometheusScrapeJob

Last updated：2023-08-11 16:09:02

1. API Description

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

This API is used to update a Prometheus scrape 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: UpdatePrometheusScrapeJob.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TMP instance ID, such as “prom-abcd1234”.
AgentId	Yes	String	Agent ID such as “agent-abcd1234”, which can be obtained on the **Agent Management** page in the console
JobId	Yes	String	Scrape task ID such as “job-abcd1234”. You can go to the **Agent Management** page and obtain the ID in the pop-up **Create Scrape**

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			Task window.
Config	Yes	String	Scrape task ID in the format of “job_name:xx”

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 a Prometheus scrape task

Input Example

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

{
"JobId": "job-abcd1234",
"InstanceId": "prom-abcd1234",
"AgentId": "agent-abcd1234",
"Config": "job_name:xx"
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InvalidParameter	Invalid parameter.

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InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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UpdatePrometheusAgentStatus

Last updated：2023-08-11 16:09:02

1. API Description

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

This API is used to update the status of a Prometheus CVM agent.

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: UpdatePrometheusAgentStatus.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TMP instance ID, such as “prom-abcd1234”.
AgentIds.N	Yes	Array of String	List of agent IDs such as “agent-abcd1234”, which can be obtained on the **Agent Management** page in the console.
Status	Yes	Integer	Status to update

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			• 1 = enabled • 2 = 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.

4. Example

Example1 Updating the status of a Prometheus agent

Input Example

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

{
"InstanceId": "prom-abcd1234",
"AgentIds": [
"agent-abcd1234"
],
"Status": 1
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

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5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for NodeJS
- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceNotFound	The resource does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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UpdateExporterIntegration

Last updated：2023-08-11 16:09:02

1. API Description

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

This API is used to update the exporter integration configuration.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpdateExporterIntegration.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
KubeType	Yes	Integer	Kubernetes cluster type. Valid values: • 1 = TKE • 2 = EKS • 3 = MEKS

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ClusterId	Yes	String	Cluster ID
Kind	Yes	String	Type
Content	Yes	String	Configuration content

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 the exporter integration configuration

Input Example

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

{
"InstanceId": "prom-1",
"KubeType": 3,
"ClusterId": "",
"Kind": "blackbox-exporter",
"Content": "{\"name\":\"test\",\"kind\":\"blackbox-exporter\",\"spec\":{\"instanc
eSpec\":{\"module\":\"http_get\",\"urls\":[\"xx\"]}}}"
}
```

Output Example

```
{
"Response": {
"RequestId": "wpkysykx8k9tu1urmlyo54gq33f4kxwz"
```

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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for 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	Error with CAM signature/authentication.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
FailedOperation	Operation failed.
FailedOperation.AccessTKEFail	Failed to access the TKE cluster.
FailedOperation.AgentNotAllowed	For the agent in this status, the operation is not allowed.
FailedOperation.DbQueryFailed	Failed to query the database.

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FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.InstanceNotFound	The instance does not exist.
FailedOperation.InstanceNotRunning	The instance is not running.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.ResourceOperating	The resource is being manipulated.
FailedOperation.TKEResourceConflict	A conflict occurred while updating the TKE resource.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound	The resource is not found.

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UninstallGrafanaDashboard

Last updated：2023-08-11 16:09:03

1. API Description

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

This API is used to delete a Grafana dashboard.

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: UninstallGrafanaDashboard.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
IntegrationCodes.N	No	Array of String	Prometheus integration code, indicating to delete the corresponding dashboard. Valid values: • spring_mvc • mysql • go

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			• redis • jvm • pgsql • mongo • kafka • es • flink • blackbox • consule • memcached • zk • tps • istio • etcd

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 Grafana dashboard

Input Example

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

{
"InstanceId": "prom-xyz",
"IntegrationCodes": [
"spring-mvc"
]
}
```

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Output Example

```
{
"Response": {
"RequestId": "xyz"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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UnbindPrometheusManagedGrafana

Last updated：2023-08-11 16:09:03

1. API Description

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

This API is used to unbind a Grafana instance from an instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UnbindPrometheusManagedGrafana.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Prometheus instance ID
GrafanaId	Yes	String	Grafana instance ID

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 Unbinding a Grafana instance from an instance

Input Example

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

{
"InstanceId": "prom-xfdafw",
"GrafanaId": "grafana-sdjl2r"
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
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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
FailedOperation	Operation failed.
FailedOperation.ResourceNotFound	The resource does not exist.

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TerminatePrometheusInstances

Last updated：2023-08-11 16:09:03

1. API Description

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

This API is used to terminate a pay-as-you-go Prometheus instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: TerminatePrometheusInstances.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceIds.N	Yes	Array of String	List of instance IDs

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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 Terminating a Prometheus instance

Input Example

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

{
"InstanceIds": [
"prom-w3rkj7835b"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.AgentsNotInUninstallStage	There are agents running on this instance.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameterValue	The parameter value is incorrect.

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ModifyPrometheusInstanceAttributes

Last updated：2023-08-11 16:09:04

1. API Description

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

This API is used to modify the attributes of a Prometheus instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyPrometheusInstanceAttributes.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceName	Yes	String	Instance name
InstanceId	Yes	String	Instance ID
DataRetentionTime	No	Integer	Storage period. Valid values: 15, 30, 45. This parameter is not applicable to monthly subscribed instances.

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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 Modifying the attributes of a Prometheus instance

Input Example

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

{
"InstanceId": "prom-2rsas2",
"InstanceName": "my-prom-gg"
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameter.ParamError	Incorrect parameter.
MissingParameter	Missing parameter.

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GetPrometheusAgentManagementCommand

Last updated：2023-08-11 16:09:04

1. API Description

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

This API is used to get the command line for Prometheus agent management.

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: GetPrometheusAgentManagementCommand.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Prometheus instance ID
AgentId	Yes	String	Prometheus Agent ID

3. Output Parameters

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

4. Example

Example1 Getting the command line for Prometheus agent management

Input Example

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

{
"InstanceId": "prom-23kdafdf",
"AgentId": "agent-23kdafdf"
}
```

Output Example

```
{
"Response": {
"Command": {
"Install": "xx",
"Restart": "xx",
"Stop": "xx",
"StatusCheck": "xx",
"LogCheck": "xx"
},
"RequestId": "as131asfjl23dsf342lxdsf"
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
FailedOperation	Operation failed.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
ResourceNotFound	The resource is not found.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.

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DestroyPrometheusInstance

Last updated：2023-08-11 16:09:04

1. API Description

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

This API is used to delete the data of a Prometheus instance. The specified instance must be terminated first.

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: DestroyPrometheusInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID. The instance must be terminated first.

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 Forcibly releasing a Prometheus instance

Input Example

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

{
"InstanceId": "prom-w3rkj7835b"
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.AgentsNotInUninstallStage	There are agents running on this instance.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameterValue	The parameter value is incorrect.

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DescribePrometheusScrapeJobs

Last updated：2023-08-11 16:09:05

1. API Description

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

This API is used to list Prometheus scrape 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: DescribePrometheusScrapeJobs.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
AgentId	Yes	String	Agent ID
Name	No	String	Task name
JobIds.N	No	Array	List of task IDs

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		of String	
Offset	No	Integer	Offset. Default value: 0.
Limit	No	Integer	Number of returned results. Default value: 20. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
ScrapeJobSet	Array of PrometheusScrapeJob	List of tasks Note: This field may return null, indicating that no valid values can be obtained.
TotalCount	Integer	Total number of tasks
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing Prometheus scrape tasks

This example shows you how to query the list of Prometheus scrape tasks.

Input Example

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

{
"InstanceId": "prom-evrh1x32",
"AgentId": "agent-hod16m43"
}
```

Output Example

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```
{
"Response": {
"TotalCount": 0,
"RequestId": "5fa8c92-3072-4f46-8553-4cb82c30943c",
"ScrapeJobSet": [
{
"AgentId": "agent-hod16m43",
"Config": "job_name: static\nhonor_timestamps: true\nmetrics_path: /metrics\nsche
me: http\nfollow_redirects: true\nstatic_configs:\n- targets:\n - localhost:9090
\n",
"Name": "node-exporter",
"JobId": "job-afeiig0k"
}
]
}
}
```


5. Developer Resources

SDK

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6. Error Code

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

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Error Code	Description
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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DescribePrometheusAgents

Last updated：2023-08-11 16:09:06

1. API Description

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

This API is used to list Prometheus CVM agents.

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: DescribePrometheusAgents.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
Name	No	String	Agent name
AgentIds.N	No	Array of String	List of agent IDs

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Offset	No	Integer	Offset. Default value: 0.
Limit	No	Integer	Number of returned results. Default value: 20. Maximum value: 100.

3. Output Parameters

Parameter Name	Type	Description
AgentSet	Array of PrometheusAgent	List of agents Note: This field may return null, indicating that no valid values can be obtained.
TotalCount	Integer	Total number of agents
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing Prometheus agents

This example shows you how to query the list of Prometheus agents.

Input Example

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

{
"InstanceId": "prom-m4fb9h34"
}
```

Output Example

```
{
"Response": {
"AgentSet": [
```

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```
{
"AgentId": "agent-hod16m34",
"Name": "node-agent",
"InstanceId": "prom-m4fb9h34",
"HeartbeatTime": "2021-12-03T16:16:24+08:00",
"Ipv4": "199.21.24.90",
"LastError": "",
"AgentVersion": "2.31.1-rig.1"
}
],
"RequestId": "e6a09531-0b40-41ab-a932-33061e9e1832",
"TotalCount": 12
}
}
```


5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description

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AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.ResourceNotFound	The resource does not exist.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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DescribeExporterIntegrations

Last updated：2023-08-11 16:09:06

1. API Description

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

This API is used to query the list of exporter integrations.

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: DescribeExporterIntegrations.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
KubeType	Yes	Integer	Kubernetes cluster type. Valid values: • 1 = TKE • 2 = EKS • 3 = MEKS

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ClusterId	Yes	String	Cluster ID
Kind	No	String	Type
Name	No	String	Name

3. Output Parameters

Parameter Name	Type	Description
IntegrationSet	Array of IntegrationConfiguration	List of integration configurations
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 exporter integrations

This API is used to query the list of exporter integrations.

Input Example

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

{
"InstanceId": "prom-evrh1x32",
"Kind": "mysql-exporter",
"ClusterId": "cls-evrh1x32",
"KubeType": 3
}
```

Output Example

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

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```
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc",
"IntegrationSet": []
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
FailedOperation	Operation failed.
FailedOperation.AccessTKEFail	Failed to access the TKE cluster.
FailedOperation.AgentNotAllowed	For the agent in this status, the operation is not allowed.

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FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.TKEResourceConflict	A conflict occurred while updating the TKE resource.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound	The resource is not found.

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DeletePrometheusScrapeJobs

Last updated：2023-08-11 16:09:07

1. API Description

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

This API is used to delete a Prometheus scrape 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: DeletePrometheusScrapeJobs.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
AgentId	Yes	String	Agent ID
JobIds.N	Yes	Array of String	List of task IDs

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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 Prometheus scrape task

This API is used to delete a Prometheus scrape task.

Input Example

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

{
"InstanceId": "prom-evrh1x32",
"AgentId": "agent-hod16m3f",
"JobIds": [
"job-afeiig0x"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

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5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.InstanceNotFound	The instance does not exist.
FailedOperation.InstanceNotRunning	The instance is not running.
FailedOperation.ResourceNotFound	The resource does not exist.

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InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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DeleteExporterIntegration

Last updated：2023-08-11 16:09:07

1. API Description

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

This API is used to delete an exporter integration.

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: DeleteExporterIntegration.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
KubeType	Yes	Integer	Kubernetes cluster type. Valid values: • 1 = TKE • 2 = EKS • 3 = MEKS

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ClusterId	Yes	String	Cluster ID
Kind	Yes	String	Type
Name	Yes	String	Name

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 DeleteExporterIntegration

Input Example

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

{
"InstanceId": "prom-1",
"KubeType": 3,
"ClusterId": "cls-xx",
"Kind": "mysql-exporter",
"Name": "test"
}
```

Output Example

```
{
"Response": {
"RequestId": "xyz"
}
}
```

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5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
FailedOperation	Operation failed.
FailedOperation.AccessTKEFail	Failed to access the TKE cluster.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.

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FailedOperation.ResourceOperating	The resource is being manipulated.
FailedOperation.TKEResourceConflict	A conflict occurred while updating the TKE resource.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
ResourceNotFound	The resource is not found.

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CreatePrometheusScrapeJob

Last updated：2023-08-11 16:09:08

1. API Description

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

This API is used to create a Prometheus scrape 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: CreatePrometheusScrapeJob.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TMP instance ID, such as “prom-abcd1234”.
AgentId	Yes	String	Agent ID, such as “agent-abcd1234”. It can be obtained on the **Agent Management** page in the console.
Config	No	String	Scrape task ID in the format of “job_name:xx”

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3. Output Parameters

Parameter Name	Type	Description
JobId	String	ID of a successfully created scrape task.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating a Prometheus scrape task

Input Example

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

{
"InstanceId": "prom-abcd1234",
"AgentId": "agent-abcd1234",
"Config": "job_name:xx"
}
```

Output Example

```
{
"Response": {
"JobId": "job-xxfs",
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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CreatePrometheusAgent

Last updated：2023-08-11 16:09:09

1. API Description

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

This API is used to create a Prometheus CVM agent.

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: CreatePrometheusAgent.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
Name	Yes	String	Agent name

3. Output Parameters

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

4. Example

Example1 Creating a Prometheus agent

Input Example

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

{
"InstanceId": "prom-sd234234",
"Name": "test"
}
```

Output Example

```
{
"Response": {
"AgentId": "agent-xxx",
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.InstanceNotRunning	The instance is not running.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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CreateExporterIntegration

Last updated：2023-08-11 16:09:09

1. API Description

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

This API is used to create an exporter integration.

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: CreateExporterIntegration.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID
Kind	Yes	String	Type
Content	Yes	String	Integrated configuration
KubeType	No	Integer	Kubernetes cluster type. Valid values:

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			• 1 = TKE • 2 = EKS • 3 = MEKS
ClusterId	No	String	Cluster ID

3. Output Parameters

Parameter Name	Type	Description
Names	Array of String	The list of successfully created integrations.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Creating an exporter integration

Input Example

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

{
"InstanceId": "prom-1",
"KubeType": 3,
"ClusterId": "cls-xx",
"Kind": "blackbox-exporter",
"Content": "{\"name\":\"test\",\"kind\":\"blackbox-exporter\",\"spec\":{\"instanc
eSpec\":{\"module\":\"http_get\",\"urls\":[\"xx\"]}}}"
}
```

Output Example

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```
{
"Response": {
"Names": [
"redis-exporter"
],
"RequestId": "xyz"
}
}
```

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
AuthFailure	Error with CAM signature/authentication.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information on the authentication, see the CAM documentation.
FailedOperation	Operation failed.

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FailedOperation.AccessTKEFail	Failed to access the TKE cluster.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.InstanceNotRunning	The instance is not running.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.ResourceOperating	The resource is being manipulated.
FailedOperation.TKEResourceConflict	A conflict occurred while updating the TKE resource.
InternalError	Internal error.

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BindPrometheusManagedGrafana

Last updated：2023-08-11 16:09:09

1. API Description

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

This API is used to bind a Grafana instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: BindPrometheusManagedGrafana.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Prometheus instance ID
GrafanaId	Yes	String	Grafana instance ID

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 Binding a TCMG instance

This example shows you how to bind a TCMG instance.

Input Example

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

{
"InstanceId": "prom-dafxx32",
"GrafanaId": "grafana-sf2fswer"
}
```

Output Example

```
{
"Response": {
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ResourceNotFound	The resource does not exist.

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UpdateRecordingRule

Last updated：2023-08-11 16:09:01

1. API Description

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

This API is used to update a Prometheus recording rule.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpdateRecordingRule.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
Name	Yes	String	Recording rule name
Group	Yes	String	Recording rule group content, which is in YAML format and is Base64-encoded.
InstanceId	Yes	String	Prometheus instance ID
RuleId	Yes	String	Prometheus recording rule ID

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RuleState	No	Integer	Rule status code. Valid values: • 1=RuleDeleted • 2=RuleEnabled • 3=RuleDisabled Default value: 2 (enabled).

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID 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 Updating a recording rule

Input Example

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

{
"InstanceId": "prom-xrwerwe",
"RuleState": "2",
"Group": "LS0tDQpuYW1lOiBleGFtcGxlDQpydWxlczoNCiAgLSByZWNvcmQ6IGpvYjpodHRwX2lucHJvZ3Jlc3NfcmVxdWVzdHM6c3VtDQogICAgZXhwcjogc3VtIGJ5IChqb2IpIChodHRwX2lucHJvZ3Jlc3NfcmVxdWVzdHMp",
"Name": "1",
"RuleId": "rrule-m74lrt6g"
}
```

Output Example

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```
{
"Response": {
"RequestId": "1z5ph-pcsxjbfy1y56525v5q-w5brnte",
"RuleId": "rrule-m74lrt6g"
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.

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FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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DescribeRecordingRules

Last updated：2023-08-11 16:09:05

1. API Description

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

This API is used to query Prometheus recording rules by filter.

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: DescribeRecordingRules.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Prometheus instance ID
Limit	No	Integer	Number of returned results. Default value: 20. Maximum value: 100.
Offset	No	Integer	Offset. Default value: 0.
RuleId	No	String	Rule ID

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RuleState	No	Integer	Rule status code. Valid values: • 1=RuleDeleted • 2=RuleEnabled • 3=RuleDisabled
Name	No	String	Rule name

3. Output Parameters

Parameter Name	Type	Description
TotalCount	Integer	Number of rule groups
RecordingRuleSet	Array of RecordingRuleSet	Rule group details 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 recording rules

Input Example

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

{
"InstanceId": "prom-sdf342",
"RuleState": "2",
"Limit": "10"
}
```

Output Example

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```
{
"Response": {
"RecordingRuleSet": [
{
"RuleId": "rrule-45hkgiyc",
"RuleState": 2,
"Name": "example6",
"Group": "LS0tDQpuYW1lOiBleGFtcGxlDQpydWxlczoNCiAgLSByZWNvcmQ6IGpvYjpodHRwX2lucHJvZ3Jlc3NfcmVxdWVzdHM6c3VtDQogICAgZXhwcjogc3VtIGJ5IChqb2IpIChodHRwX2lucHJvZ3Jlc3NfcmVxdWVzdHMp",
"Total": 1,
"UpdatedAt": "2020-08-10T17:50:06Z",
"CreatedAt": "2020-08-10T09:32:51Z"
}
],
"RequestId": "-1y24pm54antkuiziyii7hxwv2974riq",
"TotalCount": 1
}
}
```


5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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DeleteRecordingRules

Last updated：2023-08-11 16:09:07

1. API Description

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

This API is used to batch delete Prometheus recording rules.

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: DeleteRecordingRules.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
RuleIds.N	Yes	Array of String	List of rule IDs
InstanceId	Yes	String	Prometheus instance ID

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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 recording rules

Input Example

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

{
"InstanceId": "prom-xxxerwer",
"RuleIds": [
"rrule-xyz"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "xyz"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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CreateRecordingRule

Last updated：2023-08-11 16:09:08

1. API Description

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

This API is used to create a Prometheus recording rule.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateRecordingRule.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
Name	Yes	String	Recording rule name
Group	Yes	String	Recording rule group content in YAML format
InstanceId	Yes	String	Prometheus instance ID
RuleState	No	Integer	Rule status code. Valid values: • 1=RuleDeleted

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			• 2=RuleEnabled • 3=RuleDisabled Default value: 2 (enabled).

3. Output Parameters

Parameter Name	Type	Description
RuleId	String	Rule ID 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 Creating a recording rule

Input Example

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

{
"InstanceId": "prom-xxxxsfds",
"RuleState": "2",
"Group": "LS0tDQpuYW1lOiBleGFtcGxlDQpydWxlczoNCiAgLSByZWNvcmQ6IGpvYjpodHRwX2lucHJ
vZ3Jlc3NfcmVxdWVzdHM6c3VtDQogICAgZXhwcjogc3VtIGJ5IChqb2IpIChodHRwX2lucHJvZ3Jlc3Nf
cmVxdWVzdHMp",
"Name": "1"
}
```

Output Example

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

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```
"RequestId": "xyz",
"RuleId": "rrule-xyz"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
FailedOperation	Operation failed.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.

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FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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CreatePrometheusMultiTenantInstancePostPayMode

Last updated：2023-08-11 16:09:08

1. API Description

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

This API is used to create a pay-as-you-go Prometheus instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePrometheusMultiTenantInstancePostPayMode.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceName	Yes	String	Instance name

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VpcId	Yes	String	VPC ID
SubnetId	Yes	String	Subnet ID
DataRetentionTime	Yes	Integer	Data retention period in days. Valid values: 15, 30, 45.
Zone	Yes	String	AZ
TagSpecification.N	No	Array of PrometheusTag	Instance tag
GrafanaInstanceId	No	String	The Grafana instance to be associated

3. Output Parameters

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

4. Example

Example1 Creating a pay-as-you-go Prometheus instance

Input Example

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

{
"SubnetId": "subnet-hjkasfd",
"DataRetentionTime": "30",
"VpcId": "vpc-thnssd",
"InstanceName": "my-prom-gg",
"Zone": "ap-chengdu-1",
"GrafanaInstanceId": "grafana-xfa222"
}
```

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Output Example

```
{
"Response": {
"InstanceId": "prom-xxxxxx",
"RequestId": "3e0dff9d-9ed5-47c3-beb2-a42c1d69e1cc"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.AccessTagFail	Failed to access the tag service.
FailedOperation.CreateInstance	Failed to create the instance.

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FailedOperation.CreateInstanceLimited	This account is not allowed to create instances.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.SendRequest	Failed to send the authorization request.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
MissingParameter	Missing parameter.

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DescribePrometheusZones

Last updated：2023-08-11 16:09:05

1. API Description

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

This API is used to list the AZs of Tencent Managed Service for Prometheus (TMP).

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: DescribePrometheusZones.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-beijing, ap-chengdu, ap-chongqing, ap-guangzhou, ap-hongkong, ap-jakarta, ap-nanjing, ap-seoul, ap-shanghai, ap-shanghai-fsi, ap-shenzhen-fsi, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
RegionId	No	Integer	Region ID. You only need to specify the value of either `RegionId` or `RegionName` .
RegionName	No	String	Region name. You only need to specify the value of either `RegionId` or `RegionName` .

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3. Output Parameters

Parameter Name	Type	Description
ZoneSet	Array of PrometheusZoneItem	Region list 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 Listing TMP AZs

This example shows you how to list the AZs of Tencent Managed Service for Prometheus (TMP).

Input Example

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

{
"RegionId": "1234"
}
```

Output Example

```
{
"Response": {
"ZoneSet": [
{
"ZoneState": 1,
"ZoneName": "xx"
"RegionId": 0,
"Zone": "xx",
"ZoneId": 160001
}
],
```

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```
"RequestId": "xx"
}
}
```

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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
FailedOperation	Operation failed.
FailedOperation.DbQueryFailed	Failed to query the database.
InternalError	Internal error.
InvalidParameter	Invalid parameter.

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Grafana Service APIs
UpgradeGrafanaInstance

Last updated：2023-08-11 16:09:13

1. API Description

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

This API is used to upgrade a Grafana instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpgradeGrafanaInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
Alias	Yes	String	Version alias, such as v7.4.2.

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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 Upgrading a TCMG instance

This example shows you how to upgrade a TCMG instance

Input Example

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

{
"InstanceId": "grafana-12345678",
"Alias": "v7.4.2"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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6. Error Code

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

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UpdateSSOAccount

Last updated：2023-08-11 16:09:13

1. API Description

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

This API is used to update the remarks and permission information of an authorized account in an overwriting manner.

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: UpdateSSOAccount.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
UserId	Yes	String	User account ID, such as “10000000”.
Role.N	No	Array of GrafanaAccountRole	Permission

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Notes	No	String	Remarks

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 the account information

This example shows you how to update permissions and remarks.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"UserId": "100000000",
"Role": [
{
"Organization": "Org",
"Role": "Admin"
}
],
"Notes": "Authorize this user"
}
```

Output Example

```
{
"Response": {
"RequestId": "qmunlpf51noe13qp5vyvg7mq5t4t4w6u"
```

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```
}
}
```

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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.ResourceNotFound	The resource does not exist.

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UpdateGrafanaWhiteList

Last updated：2023-08-11 16:09:13

1. API Description

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

This API is used to update the Grafana allowlist.

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: UpdateGrafanaWhiteList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
Whitelist.N	Yes	Array of String	Array of public IPs (such as “127.0.0.1”) in the allowlist, which can be viewed through the `DescribeGrafanaWhiteList` API.

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 Updating the Grafana allowlist

This example shows you how to update the Grafana allowlist.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"Whitelist": [
"127.0.0.1"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "fpllngzieyoh54e1244ols7k2hh3gdny"
}
}
```

5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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UpdateGrafanaNotificationChannel

Last updated：2023-08-11 16:09:14

1. API Description

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

This API is used to update the Grafana notification channel.

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: UpdateGrafanaNotificationChannel.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
ChannelId	Yes	String	Channel ID, such as “nchannel-abcd1234”.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
ChannelName	Yes	String	Alert channel name, such as “test”.
Receivers.N	Yes	Array of String	Array of notification channel IDs

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ExtraOrgIds.N	No	Array of String	This parameter has been deprecated. Please use `OrganizationIds` instead.
OrganizationIds.N	No	Array of String	Array of valid organization IDs

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 the Grafana alert channel

This example shows you how to update the Grafana alert channel.

Input Example

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

{
"InstanceId": "grafana-12345678",
"ChannelId": "nchannel-abcd1234",
"ChannelName": "test",
"Receivers": [
"xx"
]
}
```

Output Example

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```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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UpdateGrafanaIntegration

Last updated：2023-08-11 16:09:14

1. API Description

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

This API is used to update the Grafana integration configuration.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpdateGrafanaIntegration.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
IntegrationId	Yes	String	Integration ID, such as “integration-abcd1234”. You can view it by going to the instance details page and clicking **Tencent Cloud Service Integration** > **Integration List**.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
Kind	Yes	String	Integration type, such as “tencent-cloud-prometheus”. You can view it by going to the instance details page and clicking **Tencent Cloud**

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			Service Integration > **Integration List**.
Content	Yes	String	Integration content

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 the Grafana integration configuration

Input Example

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

{
"IntegrationId": "integration-abcd1234",
"InstanceId": "grafana-12345678",
"Kind": "tencent-cloud-prometheus",
"Content": "xxx"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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UpdateGrafanaEnvironments

Last updated：2023-08-11 16:09:14

1. API Description

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

This API is used to update Grafana environment variables.

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: UpdateGrafanaEnvironments.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
Envs	Yes	String	Environment variable string

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 Updating Grafana environment variables

This example shows you how to update Grafana environment variables.

Input Example

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

{
"InstanceId": "grafana-12345678",
"Envs": "{}"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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UpdateGrafanaConfig

Last updated：2023-08-11 16:09:14

1. API Description

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

This API is used to update the Grafana configuration.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpdateGrafanaConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID.
Config	Yes	String	JSON-encoded string

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 Updating the Grafana configuration

Input Example

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

{
"InstanceId": "xx",
"Config": "{\"server\":{\"root_url\":\"http://balaba\"},\"server_haha\":\"heihei
\"}"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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UpdateDNSConfig

Last updated：2023-08-11 16:09:15

1. API Description

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

This API is used to update the Grafana DNS configuration.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: UpdateDNSConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
NameServers.N	Yes	Array of String	Array of DNS servers

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 Updating the Grafana DNS configuration

This example shows you how to update the Grafana DNS configuration.

Input Example

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

{
"InstanceId": "grafana-12345678",
"NameServers": [
"xx"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "fpllngzieyoh54e1244ols7k2hh3gdny"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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UninstallGrafanaPlugins

Last updated：2023-08-11 16:09:15

1. API Description

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

This API is used to delete installed plugins.

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: UninstallGrafanaPlugins.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
PluginIds.N	Yes	Array of String	Array of plugin IDs, such as "PluginIds": ["grafana-clock-panel"]. The plugin ID can be obtained through the `DescribePluginOverviews` API.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefg”.

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 Deleting the specified plugin

Input Example

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

{
"InstanceId": "grafana-abcdefg",
"PluginIds": [
"grafana-clock-panel"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "kq9u37984eql5yyp8fyilbb83nrtlca1"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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ResumeGrafanaInstance

Last updated：2023-08-11 16:09:15

1. API Description

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

This API is used to renew a monthly subscribed TCMG instance for a month without changing the instance edition. It doesn't apply to running instances.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ResumeGrafanaInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.

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 Restoring a TCMG instance

This example shows you how to restore a TCMG instance.

Input Example

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

{
"InstanceId": "grafana-12345678"
}
```

Output Example

```
{
"Response": {
"RequestId": "fpllngzieyoh54e1244ols7k2hh3gdny"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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ModifyGrafanaInstance

Last updated：2023-08-11 16:09:15

1. API Description

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

This API is used to modify the attributes of a Grafana instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyGrafanaInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
InstanceName	Yes	String	TCMG instance name, such as “test”.

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 Modifying the attributes of a TCMG instance

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"InstanceName": "test"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.

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InstallPlugins

Last updated：2023-08-11 16:09:16

1. API Description

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

This API is used to install a Grafana plugin.

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: InstallPlugins.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
Plugins.N	Yes	Array of GrafanaPlugin	Plugin information
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.

3. Output Parameters

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Parameter Name	Type	Description
PluginIds	Array of String	ID of the installed plugin 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 Installing a Grafana plugin

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"Plugins": [
{
"PluginId": "grafana-clock-panel",
"Version": "xx"
}
]
}
```

Output Example

```
{
"Response": {
"PluginIds": [
"xx"
],
"RequestId": "xx"
}
}
```

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5. Developer Resources

SDK

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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EnableSSOCamCheck

Last updated：2023-08-11 16:09:16

1. API Description

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

This API is used to set whether to enable CAM authentication during SSO.

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: EnableSSOCamCheck.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
EnableSSOCamCheck	Yes	Boolean	Whether to enable CAM authentication (`true` : Yes; `false` : No)

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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 EnableSSOCamCheck

This example shows you how to enable CAM authentication during SSO.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"EnableSSOCamCheck": true
}
```

Output Example

```
{
"Response": {
"RequestId": "qmunlpf51noe13qp5vyvg7mq5t4t4w6u"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for NodeJS
- 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.DbQueryFailed	Failed to query the database.

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EnableGrafanaSSO

Last updated：2023-08-11 16:09:16

1. API Description

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

This API is used to set the Grafana SSO through a Tencent Cloud 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: EnableGrafanaSSO.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
EnableSSO	Yes	Boolean	Whether to enable SSO (`true` : Yes; `false` : No)
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.

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 Enabling the Grafana SSO

This example shows you how to enable the Grafana SSO.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"EnableSSO": true
}
```

Output Example

```
{
"Response": {
"RequestId": "qmunlpf51noe13qp5vyvg7mq5t4t4w6u"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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EnableGrafanaInternet

Last updated：2023-08-11 16:09:16

1. API Description

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

This API is used to set the Grafana public network access.

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: EnableGrafanaInternet.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceID	Yes	String	TCMG instance ID, such as “grafana-kleu3gt0”.
EnableInternet	Yes	Boolean	Whether to enable public network access (`true` : Yes; `false` : No)

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 Enabling the public network access

Input Example

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

{
"InstanceID": "grafana-kleu3gt0",
"EnableInternet": true
}
```

Output Example

```
{
"Response": {
"RequestId": "qmunlpf51noe13qp5vyvg7mq5t4t4w6u"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DescribeSSOAccount

Last updated：2023-08-11 16:09:17

1. API Description

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

This API is used to list all authorized accounts of the current Grafana instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeSSOAccount.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
UserId	No	String	Filter by account ID such as “10000”

3. Output Parameters

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Parameter Name	Type	Description
AccountSet	Array of GrafanaAccountInfo	List of authorized accounts 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 DescribeSSOAccount

This example shows you how to list all authorized accounts of the current Grafana instance.

Input Example

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

{
"InstanceId": "grafana-abcdefgh"
}
```

Output Example

```
{
"Response": {
"AccountSet": [
{
"UserId": "100000000",
"Role": [
{
"Organization": "org",
"Role": "Admin"
}
],
"Notes": "xx"
}
],
```

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```
"RequestId": "qmunlpf51noe13qp5vyvg7mq5t4t4w6u"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DescribeInstalledPlugins

Last updated：2023-08-11 16:09:17

1. API Description

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

This API is used to list the plugins installed in an instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeInstalledPlugins.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-kleu3gt0”.
PluginId	No	String	Filter by plugin ID such as “grafana-piechart-panel”. You can view the IDs of installed plugins through the `DescribeInstalledPlugins` API.

3. Output Parameters

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Parameter Name	Type	Description
PluginSet	Array of GrafanaPlugin	List of plugins
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing the installed plugins

Input Example

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

{
"InstanceId": "grafana-kleu3gt0"
}
```

Output Example

```
{
"Response": {
"PluginSet": [
{
"PluginId": "grafana-piechart-panel",
"Version": "1.6.1"
},
{
"PluginId": "grafana-clock-panel",
"Version": "1.1.1"
}
],
"RequestId": "qmunlpf51noe13qp5vyvg7mq5t4t4w6u"
}
}
```

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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
FailedOperation	Operation failed.

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DescribeGrafanaWhiteList

Last updated：2023-08-11 16:09:17

1. API Description

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

This API is used to list the Grafana allowlist.

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: DescribeGrafanaWhiteList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.

3. Output Parameters

Parameter	Type	Description

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

4. Example

Example1 Listing the Grafana allowlist

This example shows you how to list the Grafana allowlist.

Input Example

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

{
"InstanceId": "grafana-abcdefgh"
}
```

Output Example

```
{
"Response": {
"RequestId": "fpllngzieyoh54e1244ols7k2hh3gdny",
"WhiteList": []
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DescribeGrafanaNotificationChannels

Last updated：2023-08-11 16:09:17

1. API Description

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

This API is used to list Grafana notification channels.

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: DescribeGrafanaNotificationChannels.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
Offset	Yes	Integer	Offset
Limit	Yes	Integer	Number of items to be queried
ChannelName	No	String	Alert channel name, such as “test”.

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ChannelIDs.N	No	Array of String	Alert channel ID, such as “nchannel-abcd1234”.
ChannelState	No	Integer	Alert channel status

3. Output Parameters

Parameter Name	Type	Description
NotificationChannelSet	Array of GrafanaNotificationChannel	Array of notification channels
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing Grafana alert channels

This example shows you how to list Grafana alert channels.

Input Example

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

{
"InstanceId": "grafana-12345678",
"ChannelState": 0,
"Limit": 0,
"Offset": 0,
"ChannelName": "test",
"ChannelIDs": [
"nchannel-abcd1234"
]
}
```

Output Example

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```
{
"Response": {
"NotificationChannelSet": [
{
"ChannelId": "xx",
"ChannelName": "xx",
"Receivers": [
"xx"
],
"CreatedAt": "2020-09-22T00:00:00+00:00",
"UpdatedAt": "2020-09-22T00:00:00+00:00",
"OrgId": "xx",
"ExtraOrgIds": [
"xx"
],
"OrgIds": [
"xx"
],
"OrganizationIds": [
"xx"
]
}
],
"RequestId": "xx"
}
}
```


5. Developer Resources

SDK

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6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DescribeGrafanaIntegrations

Last updated：2023-08-11 16:09:18

1. API Description

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

This API is used to list installed Grafana integrations.

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: DescribeGrafanaIntegrations.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	Instance ID.
IntegrationId	No	String	Integration ID
Kind	No	String	Type

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3. Output Parameters

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

4. Example

Example1 Listing installed Grafana integrations

Input Example

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

{
"IntegrationId": "xx",
"InstanceId": "xx",
"Kind": "xx"
}
```

Output Example

```
{
"Response": {
"IntegrationSet": [
{
"IntegrationId": "xx",
"Content": "xx",
"Kind": "xx",
"Description": "xx"
}
],
"RequestId": "xx"
```

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```
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DescribeGrafanaInstances

Last updated：2023-08-11 16:09:18

1. API Description

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

This API is used to list all Grafana instances under a user 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: DescribeGrafanaInstances.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
Offset	Yes	Integer	Offset for query
Limit	Yes	Integer	Number of items to be queried
InstanceIds.N	No	Array of String	Array of TCMG instance IDs
InstanceName	No	String	TCMG instance name, which can be fuzzily matched by

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			prefix.
InstanceStatus.N	No	Array of Integer	Query status
TagFilters.N	No	Array of PrometheusTag	Array of tag filters

3. Output Parameters

Parameter Name	Type	Description
InstanceSet	Array of GrafanaInstanceInfo	This parameter has been disused. Use `Instances` instead.
TotalCount	Integer	Number of eligible instances
Instances	Array of GrafanaInstanceInfo	List of instances
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing TCMG instances

Input Example

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

{
"Limit": 20,
"Offset": 0,
"TagFilters": [
{
"Key": "tagKeyTest",
"Value": "tagValueTest"
}
```

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```
],
"InstanceStatus": [
2
],
"InstanceName": "test",
"InstanceIds": [
"grafana-abcdefgh"
]
}
```

Output Example

```
{
"Response": {
"InstanceSet": [
{
"InstanceStatus": 0,
"VpcId": "xx",
"RootUrl": "xx",
"Version": "xx",
"Zone": "xx",
"TagSpecification": [
{
"Value": "xx",
"Key": "xx"
}
],
"InstanceId": "xx",
"SubnetIds": [
"xx"
],
"RegionId": 0,
"InstanceChargeType": 0,
"InternalUrl": "xx",
"VpcName": "Test",
"EnableSSOCamCheck": true,
"SubnetName": "xx",
"InternetUrl": "xx",
"EnableSSO": true,
"InstanceName": "xx",
"Region": "xx",
"CreatedAt": "2020-09-22 00:00:00"
}
],
"TotalCount": 1,
"RequestId": "xx",
```

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```
"Instances": [
{
"InstanceStatus": 0,
"VpcId": "xx",
"RootUrl": "xx",
"Version": "xx",
"Zone": "xx",
"TagSpecification": [
{
"Value": "xx",
"Key": "xx"
}
],
"InstanceId": "xx",
"SubnetIds": [
"xx"
],
"RegionId": 0,
"InstanceChargeType": 0,
"InternalUrl": "xx",
"VpcName": "Test",
"EnableSSOCamCheck": true,
"SubnetName": "xx",
"InternetUrl": "xx",
"EnableSSO": true,
"InstanceName": "xx",
"Region": "xx",
"CreatedAt": "2020-09-22 00:00:00"
}
]
}
}
```


5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
AuthFailure.AccessCAMFail	Access authentication failed.
FailedOperation	Operation failed.
FailedOperation.AccessTagFail	Failed to access the tag service.
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.InternalError	Internal service error.
FailedOperation.SendRequest	Failed to send the authorization request.

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DescribeGrafanaEnvironments

Last updated：2023-08-11 16:09:18

1. API Description

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

This API is used to list Grafana environment variables.

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: DescribeGrafanaEnvironments.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	ID of a TencentCloud Managed Service for Grafana instance, such as “grafana-abcdefgh”.

3. Output Parameters

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

4. Example

Example1 Listing Grafana environment variables

This example shows you how to list Grafana environment variables.

Input Example

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

{
"InstanceId": "grafana-abcdefgh"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx",
"Envs": "{}"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DescribeGrafanaConfig

Last updated：2023-08-11 16:09:18

1. API Description

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

This API is used to list Grafana settings, i.e., the `grafana.ini` file content.

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: DescribeGrafanaConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.

3. Output Parameters

Parameter Name	Type	Description

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Config	String	JSON-encoded string
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing Grafana settings

Input Example

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

{
"InstanceId": "grafana-12345678"
}
```

Output Example

```
{
"Response": {
"Config": "{\"server\":{\"root_url\":\"http://balababbb\"}}",
"RequestId": "zcv6drxckn53gb61anxndsckjdwgfw6j"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for NodeJS
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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DescribeDNSConfig

Last updated：2023-08-11 16:09:19

1. API Description

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

This API is used to list Grafana DNS configurations.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeDNSConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.

3. Output Parameters

Parameter Name	Type	Description

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NameServers	Array of String	Array of DNS servers
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing the instance's DNS configurations

This example shows you how to list the instance's DNS configurations.

Input Example

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

{
"InstanceId": "grafana-abcdefgh"
}
```

Output Example

```
{
"Response": {
"RequestId": "fpllngzieyoh54e1244ols7k2hh3gdny",
"NameServers": [
"114.114.114.114"
]
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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DeleteSSOAccount

Last updated：2023-08-11 16:09:19

1. API Description

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

This API is used to delete an authorized TCMG user.

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: DeleteSSOAccount.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
UserId	Yes	String	User account ID, such as “10000000”.

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 DeleteSSOAccount

This example shows you how to delete an authorized TCMG user.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"UserId": "100000000"
}
```

Output Example

```
{
"Response": {
"RequestId": "qmunlpf51noe13qp5vyvg7mq5t4t4w6u"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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DeleteGrafanaNotificationChannel

Last updated：2023-08-11 16:09:19

1. API Description

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

This API is used to delete a Grafana notification channel.

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: DeleteGrafanaNotificationChannel.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
ChannelIDs.N	Yes	Array of String	Array of channel IDs, such as “nchannel-abcd1234”.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.

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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 Grafana alert channel

This example shows you how to delete a Grafana alert channel.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"ChannelIDs": [
"nchannel-abcd1234"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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DeleteGrafanaIntegration

Last updated：2023-08-11 16:09:20

1. API Description

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

This API is used to delete a Grafana integration configuration.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeleteGrafanaIntegration.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
IntegrationId	Yes	String	Integration ID, such as “integration-abcd1234”. You can view it by going to the instance details page and clicking **Tencent Cloud Service Integration** > **Integration List**.

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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 Grafana integration configuration

Input Example

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

{
"InstanceId": "grafana-12345678",
"IntegrationId": "integration-abcd1234"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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DeleteGrafanaInstance

Last updated：2023-08-11 16:09:20

1. API Description

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

This API is used to refund a monthly subscribed TCMG instance. Once it is called, the instance cannot be used and will be automatically terminated seven days later.

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: DeleteGrafanaInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceIDs.N	Yes	Array of String	Array of instance names

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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 specified instance

This example shows you how to delete a specified instance.

Input Example

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

{
"InstanceIDs": [
"grafana-abcdefgh"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "abc"
}
}
```

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
AuthFailure.AccessCAMFail	Access authentication failed.
FailedOperation	Operation failed.
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.

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CreateSSOAccount

Last updated：2023-08-11 16:09:20

1. API Description

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

This API is used to authorize a Grafana instance to another Tencent Cloud user.

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: CreateSSOAccount.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
UserId	Yes	String	User account ID, such as “10000000”.
Role.N	Yes	Array of GrafanaAccountRole	Permission

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Notes	No	String	Remarks

3. Output Parameters

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

4. Example

Example1 Authorizing another Tencent Cloud user

This example shows you how to authorize a Grafana instance to another Tencent Cloud user.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"UserId": "100000000",
"Role": [
{
"Organization": "Org",
"Role": "Admin"
}
],
"Notes": "Authorize this user"
}
```

Output Example

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```
{
"Response": {
"UserId": "xx",
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

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CreateGrafanaNotificationChannel

Last updated：2023-08-11 16:09:20

1. API Description

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

This API is used to create a Grafana notification channel.

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: CreateGrafanaNotificationChannel.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
ChannelName	Yes	String	Alert channel name, such as “test”.
OrgId	Yes	Integer	Default value: `1` . This parameter has been deprecated. Please use `OrganizationIds` instead.
Receivers.N	Yes	Array	Array of notification channel IDs

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		of String	
ExtraOrgIds.N	No	Array of String	Array of extra organization IDs. This parameter has been deprecated. Please use `OrganizationIds` instead.
OrganizationIds.N	No	Array of String	Array of all valid organization IDs. Default value: `1` .

3. Output Parameters

Parameter Name	Type	Description
ChannelId	String	Channel ID. 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 Creating a Grafana alert channel

This example shows you how to create a Grafana alert channel.

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"ChannelName": "test",
"OrgId": 0,
"Receivers": [
"xx"
```

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```
]
}
```

Output Example

```
{
"Response": {
"ChannelId": "xx",
"RequestId": "xx"
}
}
```

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

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

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CreateGrafanaIntegration

Last updated：2023-08-11 16:09:20

1. API Description

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

This API is used to create a Grafana integration configuration.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreateGrafanaIntegration.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.
Kind	Yes	String	Integration type, such as “tencent-cloud-prometheus”. You can view it by going to the instance details page and clicking **Tencent Cloud Service Integration** > **Integration List**.
Content	Yes	String	Integration configuration

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3. Output Parameters

Parameter Name	Type	Description
IntegrationId	String	Integration ID 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 Creating a Grafana integration configuration

Input Example

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

{
"InstanceId": "grafana-abcdefgh",
"Content": "xx",
"Kind": "tencent-cloud-prometheus"
}
```

Output Example

```
{
"Response": {
"IntegrationId": "xx",
"RequestId": "xx"
}
}
```

5. Developer Resources

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SDK

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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CreateGrafanaInstance

Last updated：2023-08-11 16:09:21

1. API Description

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

This API is used to create a monthly subscribed TCMG instance of the Basic Edition, with auto-renewal enabled and vouchers not allowed by default.

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: CreateGrafanaInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceName	Yes	String	Instance name
VpcId	Yes	String	VPC ID
SubnetIds.N	Yes	Array of String	Array of subnet IDs

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GrafanaInitPassword	Yes	String	Initial Grafana password
EnableInternet	Yes	Boolean	Whether to enable public network access
TagSpecification.N	No	Array of PrometheusTag	Tag

3. Output Parameters

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

4. Example

Example1 Creating a TCMG instance

This example shows you how to create a TencentCloud Managed Service for Grafana (TCMG) instance.

Input Example

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

{
"SubnetIds": [
"subnet-123"
],
"VpcId": "vpc-123",
"InstanceName": "test",
"GrafanaInitPassword": "test",
"EnableInternet": true
}
```

Output Example

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```
{
"Response": {
"InstanceId": "grafana-c1enzs01",
"RequestId": "fpllngzieyoh54e1244ols7k2hh3gdny"
}
}
```

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
FailedOperation.AccessTagFail	Failed to access the tag service.
FailedOperation.CreateInstanceLimited	This account is not allowed to create instances.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.

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FailedOperation.RegionUnavailable	The region is unavailable.
FailedOperation.ZoneUnavailable	The AZ is unavailable.

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CleanGrafanaInstance

Last updated：2023-08-11 16:09:21

1. API Description

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

This API is used to forcibly terminate a Grafana instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CleanGrafanaInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-abcdefgh”.

3. Output Parameters

Parameter Name	Type	Description

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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 Forcibly terminating a TCMG instance

This example shows you how to forcibly terminate a TencentCloud Managed Service for Grafana (TCMG) instance.

Input Example

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

{
"InstanceId": "grafana-abcdefgh"
}
```

Output Example

```
{
"Response": {
"RequestId": "xxx"
}
}
```

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 NodeJS

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
InvalidParameter	Invalid parameter.

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DescribeGrafanaChannels

Last updated：2023-08-11 16:09:19

1. API Description

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

This API is used to list all Grafana alert channels.

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: DescribeGrafanaChannels.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product. This API only supports: ap-guangzhou, ap-hongkong, ap-jakarta, ap-seoul, ap-shanghai, ap-singapore, ap-tokyo, eu-frankfurt, na-ashburn, na-siliconvalley.
InstanceId	Yes	String	TCMG instance ID, such as “grafana-12345678”.
Offset	Yes	Integer	Offset.
Limit	Yes	Integer	Number of items to be queried
ChannelName	No	String	Alert channel name, such as “test”.

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ChannelIds.N	No	Array of String	Alert channel ID, such as “nchannel-abcd1234”.
ChannelState	No	Integer	Alert channel status

3. Output Parameters

Parameter Name	Type	Description
NotificationChannelSet	Array of GrafanaChannel	Array of alert channels
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Listing Grafana alert channels

Input Example

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

{
"InstanceId": "grafana-12345678",
"ChannelState": 0,
"Limit": 0,
"Offset": 0,
"ChannelName": "test",
"ChannelIds": [
"nchannel-abcd1234"
]
}
```

Output Example

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```
{
"Response": {
"NotificationChannelSet": [
{
"Receivers": [
"xx"
],
"ChannelId": "nchannel-abcd1234",
"OrganizationIds": [
"xx"
],
"UpdatedAt": "2020-09-22T00:00:00+00:00",
"ChannelName": "test",
"CreatedAt": "2020-09-22T00:00:00+00:00"
}
],
"RequestId": "xx"
}
}
```


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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.

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Event Center APIs
DescribeProductEventList

Last updated：2023-03-21 10:17:10

1. API Description

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

This API is used to get the list of product events by page.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeProductEventList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	API component name. It is fixed to monitor.
ProductName.N	No	Array of String	Filter by product type. For example, "cvm" indicates Cloud Virtual

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			Machine.
EventName.N	No	Array of String	Filter by event name. For example, "guest_reboot" indicates instance restart.
InstanceId.N	No	Array of String	Affected object, such as "ins-19708ino".
Dimensions.N	No	Array of DescribeProductEventListDimensions	Filter by dimension, such as by public IP: 10.0.0.1.
RegionList.N	No	Array of String	Region filter parameter for service events.
Type.N	No	Array of String	Filter by event type. Valid values: ["status_change","abnormal"], which indicate events whose statuses have changed and events with exceptions respectively.
Status.N	No	Array of String	Filter by event status. Valid values: ["recover","alarm","-"], which indicate that an event has been recovered, has not been recovered, and has no status respectively.
Project.N	No	Array of String	Filter by project ID.
IsAlarmConfig	No	Integer	Filter by alarm status configuration. The value 1 indicates that the alarm status has been configured. The value 0 indicates that the alarm status has not been configured.
TimeOrder	No	String	Sorting by update time. The value ASC indicates the ascending order. The value DESC indicates the descending order. The default value is DESC.
StartTime	No	Integer	Start time, which is the timestamp one day prior by default.
EndTime	No	Integer	End time, which is the current timestamp by default.
Offset	No	Integer	Page offset. The default value is 0.

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Limit	No	Integer	The number of parameters that can be returned on each page. The default value is 20.

3. Output Parameters

Parameter Name	Type	Description
Events	Array of DescribeProductEventListEvents	Event list Note: This field may return null, indicating that no valid value was found.
OverView	DescribeProductEventListOverView	Event statistics.
Total	Integer	Total number of events. Note: This field may return null, indicating that no valid value was found.
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 product events

This example shows you how to get the list of product events.

Input Example

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

{
"Module": "monitor",
"TimeOrder": "DESC",
"Limit": "20",
"StartTime": "1572624000",
"Offset": "0",
```

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```
"EndTime": "1573228799"
}
```


Output Example


```
{
"Response": {
"Events": [
{
"AdditionMsg": [],
"Dimensions": [
{
"Key": "deviceLanIp",
"Name": "Private IP",
"Value": "172.0.0.1"
},
{
"Key": "deviceWanIp",
"Name": "Public IP",
"Value": null
},
{
"Key": "uniqVpcId",
"Name": "VPC ID",
"Value": null
}
],
"EventCName": "Instance restart",
"EventEName": "GuestReboot",
"EventId": 43,
"EventName": "guest_reboot",
"InstanceId": "ins-19708ino",
"InstanceName": "qta_test",
"ProductCName": "CVM",
"ProductEName": "Cloud Virtual Machine",
"ProductName": "cvm",
"ProjectId": 0,
"Region": "gz",
"StartTime": 1573110201,
"Status": "-",
"SupportAlarm": 1,
"Type": "abnormal",
"UpdateTime": 1573081401
},
{
"AdditionMsg": [],
```


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```
"Dimensions": [
{
"Key": "deviceLanIp",
"Name": "Private IP",
"Value": "172.0.0.1"
},
{
"Key": "deviceWanIp",
"Name": "Public IP",
"Value": null
},
{
"Key": "uniqVpcId",
"Name": "VPC ID",
"Value": null
}
],
"EventCName": "Instance restart",
"EventEName": "GuestReboot",
"EventId": 43,
"EventName": "guest_reboot",
"InstanceId": "ins-19708ino",
"InstanceName": "qta_test",
"ProductCName": "CVM",
"ProductEName": "Cloud Virtual Machine",
"ProductName": "cvm",
"ProjectId": 0,
"Region": "gz",
"StartTime": 1573023802,
"Status": "-",
"SupportAlarm": 1,
"Type": "abnormal",
"UpdateTime": 1572995002
},
{
"AdditionMsg": [],
"Dimensions": [
{
"Key": "deviceLanIp",
"Name": "Private IP",
"Value": "172.0.0.1"
},
{
"Key": "deviceWanIp",
"Name": "Public IP",
"Value": null
},
```


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```
{
"Key": "uniqVpcId",
"Name": "VPC ID",
"Value": null
}
],
"EventCName": "Instance restart",
"EventEName": "GuestReboot",
"EventId": 43,
"EventName": "guest_reboot",
"InstanceId": "ins-19708ino",
"InstanceName": "qta_test",
"ProductCName": "CVM",
"ProductEName": "Cloud Virtual Machine",
"ProductName": "cvm",
"ProjectId": 0,
"Region": "gz",
"StartTime": 1572937414,
"Status": "-",
"SupportAlarm": 1,
"Type": "abnormal",
"UpdateTime": 1572908614
},
{
"AdditionMsg": [],
"Dimensions": [
{
"Key": "deviceLanIp",
"Name": "Private IP",
"Value": "172.0.0.1"
},
{
"Key": "deviceWanIp",
"Name": "Public IP",
"Value": null
},
{
"Key": "uniqVpcId",
"Name": "VPC ID",
"Value": null
}
],
"EventCName": "Instance restart",
"EventEName": "GuestReboot",
"EventId": 43,
"EventName": "guest_reboot",
"InstanceId": "ins-19708ino",
```


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```
"InstanceName": "qta_test",
"ProductCName": "CVM",
"ProductEName": "Cloud Virtual Machine",
"ProductName": "cvm",
"ProjectId": 0,
"Region": "gz",
"StartTime": 1572851042,
"Status": "-",
"SupportAlarm": 1,
"Type": "abnormal",
"UpdateTime": 1572822242
},
{
"AdditionMsg": [],
"Dimensions": [
{
"Key": "deviceLanIp",
"Name": "Private IP",
"Value": "172.0.0.1"
},
{
"Key": "deviceWanIp",
"Name": "Public IP",
"Value": null
},
{
"Key": "uniqVpcId",
"Name": "VPC ID",
"Value": null
}
],
"EventCName": "Instance restart",
"EventEName": "GuestReboot",
"EventId": 43,
"EventName": "guest_reboot",
"InstanceId": "ins-19708ino",
"InstanceName": "qta_test",
"ProductCName": "CVM",
"ProductEName": "Cloud Virtual Machine",
"ProductName": "cvm",
"ProjectId": 0,
"Region": "gz",
"StartTime": 1572764569,
"Status": "-",
"SupportAlarm": 1,
"Type": "abnormal",
"UpdateTime": 1572735769
```


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```
},
{
"AdditionMsg": [],
"Dimensions": [
{
"Key": "deviceLanIp",
"Name": "Private IP",
"Value": "172.0.0.1"
},
{
"Key": "deviceWanIp",
"Name": "Public IP",
"Value": null
},
{
"Key": "uniqVpcId",
"Name": "VPC ID",
"Value": null
}
],
"EventCName": "Instance restart",
"EventEName": "GuestReboot",
"EventId": 43,
"EventName": "guest_reboot",
"InstanceId": "ins-19708ino",
"InstanceName": "qta_test",
"ProductCName": "CVM",
"ProductEName": "Cloud Virtual Machine",
"ProductName": "cvm",
"ProjectId": 0,
"Region": "gz",
"StartTime": 1572678255,
"Status": "-",
"SupportAlarm": 1,
"Type": "abnormal",
"UpdateTime": 1572649455
}
],
"OverView": {
"StatusChangeAmount": 0,
"UnConfigAlarmAmount": 6,
"UnNormalEventAmount": 6,
"UnRecoverAmount": 0
},
"RequestId": "313bac2f-04eb-477e-af2b-b4d58cbe5d08",
"Total": 6
```


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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.

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MissingParameter	Missing parameter.
UnsupportedOperation	Unsupported operation.

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DescribeAccidentEventList

Last updated：2023-03-21 10:17:11

1. API Description

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

This API is used to get the platform event list.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribeAccidentEventList.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Module	Yes	String	API component name. The value for the current API is monitor.
StartTime	No	Integer	Start time, which is the timestamp one day prior by default.
EndTime	No	Integer	End time, which is the current timestamp by default.
Limit	No	Integer	Number of parameters that can be returned on each page. Value range: 1 - 100. Default value: 20.
Offset	No	Integer	Parameter offset on each page. The value starts from 0 and the default value is 0.

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UpdateTimeOrder	No	String	Sorting rule by UpdateTime. Valid values: asc and desc.
OccurTimeOrder	No	String	Sorting rule by OccurTime. Valid values: asc or desc. Sorting by UpdateTimeOrder takes priority.
AccidentType.N	No	Array of Integer	Filter by event type. The value 1 indicates service issues. The value 2 indicates other subscriptions.
AccidentEvent.N	No	Array of Integer	Filter by event. The value 1 indicates CVM storage issues. The value 2 indicates CVM network connection issues. The value 3 indicates that the CVM has an exception. The value 202 indicates that an ISP network jitter occurs.
AccidentStatus.N	No	Array of Integer	Filter by event status. The value 0 indicates that the event has been recovered. The value 1 indicates that the event has not been recovered.
AccidentRegion.N	No	Array of String	Filter by region where the event occurs. The value gz indicates Guangzhou. The value sh indicates Shanghai.
AffectResource	No	String	Filter by affected resource, such as ins-19a06bka.

3. Output Parameters

Parameter Name	Type	Description
Alarms	Array of DescribeAccidentEventListAlarms	Platform event list. Note: This field may return null, indicating that no valid value was found.
Total	Integer	Total number of platform events. Note: This field may return null, indicating that no valid value was found.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Getting platform event list

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This example shows you how to get the list of platform events.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribeAccidentEventList
&Module=monitor
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Alarms": [
{
"OccurTime": "2019-10-10T15:03:31+08:00",
"BusinessID": 1,
"AffectResource": "ins-19708ino",
"EventStatus": 0,
"Region": "gz",
"UpdateTime": "2019-10-10T15:03:31+08:00",
"AccidentTypeDesc": "The CVM instance is running exceptionally",
"BusinessTypeDesc": "Service issue"
}
],
"Total": 1,
"RequestId": "test813c-45d8-459a-8978-aaasahuiaa"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for NodeJS
- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InvalidParameter	Invalid parameter.
InvalidParameterValue	The parameter value is incorrect.
LimitExceeded	Quota limit is reached.
UnsupportedOperation	Unsupported operation.

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TencentCloud Managed Service for Prometheus APIs CheckIsPrometheusNewUser

Last updated：2023-08-11 16:09:01

1. API Description

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

This API is used to determine whether the user is new to TMP, that is, whether the user has never created a TMP instance in any region.

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: CheckIsPrometheusNewUser.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.

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 Determining whether the user is a new user

This example shows you how to determine whether the user is a new user.

Input Example

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

{}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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

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

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- Tencent Cloud SDK 3.0 for NodeJS
- 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.DoTRPCTransferFailed	DoTRPCTransferFailed
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.Param	InvalidParameter.Param

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CreatePrometheusTemp

Last updated：2023-03-21 10:17:16

1. API Description

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

This API is used to create a TMP template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePrometheusTemp.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Template	Yes	PrometheusTemp	Template settings

3. Output Parameters

Parameter Name	Type	Description

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

4. Example

Example1 Creating a template

This example shows you how to create a template.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=CreatePrometheusTemp
&Template.Name=t1
&Template.Describe=A template
&Template.ServiceMonitors.0.Name=s
&Template.ServiceMonitors.0.Config=xx
&Template.Level=cluster
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397",
"TemplateId": "temp-xxx"
}
}
```

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param

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CreatePrometheusAlertPolicy

Last updated：2023-08-11 16:09:01

1. API Description

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

This API is used to create an alerting rule.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePrometheusAlertPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
AlertRule	Yes	PrometheusAlertPolicyItem	Alert configuration

3. Output Parameters

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

4. Example

Example1 Creating an alerting rule

This example shows you how to create an alerting rule.

Input Example

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

{
"InstanceId": "xx",
"AlertRule": {
"Name": "xx",
"Rules": [
{
"Describe": "xx",
"Name": "xx",
"For": "xx",
"Labels": [
{
"Name": "xx",
"Value": "xx"
}
],
"Rule": "xx",
"Template": "xx",
"Annotations": [
{
"Name": "xx",
"Value": "xx"
}
]
```

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```
}
],
"Notification": {
"AlertManager": {
"Url": "xx",
"ClusterId": "xx",
"ClusterType": "xx"
},
"RepeatInterval": "xx",
"WebHook": "xx",
"Enabled": true,
"PhoneNotifyOrder": [
1
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xx"
],
"ReceiverGroups": [
1
],
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xx",
"Type": "xx",
"TimeRangeEnd": "xx"
},
"TemplateId": "xx",
"ClusterId": "xx",
"UpdatedAt": "xx",
"Id": "xx"
}
}
```

Output Example

```
{
"Response": {
"Id": "xx",
"RequestId": "xx"
}
}
```

Example2 Creating an alerting rule, with AlertManager being the alert channel

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This example shows you how to create an alerting rule, with AlertManager being the alert channel.

Input Example

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

{
"InstanceId": "xx",
"AlertRule": {
"Name": "xx",
"Rules": [
{
"Describe": "xx",
"Name": "xx",
"For": "xx",
"Labels": [
{
"Name": "xx",
"Value": "xx"
}
],
"Rule": "xx",
"Template": "xx",
"RuleState": 0,
"Annotations": [
{
"Name": "xx",
"Value": "xx"
}
]
}
],
"Notification": {
"AlertManager": {
"Url": "xx",
"ClusterId": "xx",
"ClusterType": "xx"
},
"RepeatInterval": "xx",
"WebHook": "xx",
"Enabled": true,
"PhoneNotifyOrder": [
1
```

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```
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xx"
],
"ReceiverGroups": [
"xx"
],
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xx",
"Type": "xx",
"TimeRangeEnd": "xx"
},
"TemplateId": "xx",
"ClusterId": "xx",
"UpdatedAt": "xx",
"Id": "xx"
}
}
```

Output Example

```
{
"Response": {
"Id": "alert-xxx",
"RequestId": "3dfe620f-11b8-4301-b279-1fdadedf7a59"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for PHP
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- Tencent Cloud SDK 3.0 for NodeJS

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.Db	FailedOperation.Db
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound
ResourceNotFound	The resource is not found.

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CreatePrometheusClusterAgent

Last updated：2023-07-12 11:55:03

1. API Description

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

This API is used to associate a cluster with a Tencent Cloud Observability Platform (TCOP)-integrated Tencent Managed Service for Prometheus (TMP) 2.0 instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePrometheusClusterAgent.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Agents.N	Yes	Array of PrometheusClusterAgentBasic	Agent list

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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 Associating with an EKS cluster

This example shows you how to associate with an EKS cluster.

Input Example

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

{
"InstanceId": "prom-2tghe0lv",
"Agents": [
{
"Region": "ap-beijing",
"EnableExternal": "false",
"ClusterId": "cls-ou716dcp",
"NotScrape": "true",
"ClusterType": "eks"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "562197b9-5253-4981-ab2c-8c648fc5dec8"
}
}
```

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Example2 Associating with a cluster

This example shows you how to associate with an EKS cluster.

Input Example

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

{
"InstanceId": "xxx",
"Agents": [
{
"EnableExternal": true,
"Region": "xxx",
"ClusterId": "xxx",
"ClusterType": "xxx",
"NotInstallBasicScrape": true,
"InClusterPodConfig": {
"HostNet": true,
"Tolerations": [
{
"Operator": "xxx",
"Effect": "xxx",
"Key": "xxx"
}
],
"NodeSelector": [
{
"Name": "xxx",
"Value": "xxx"
}
]
},
"NotScrape": true,
"ExternalLabels": [
{
"Name": "xxx",
"Value": "xxx"
}
]
}
]
}
```

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Output Example

```
{
"Response": {
"RequestId": "xxx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
InternalError	Internal error.

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Error Code	Description
InternalError.Db	InternalError.Db
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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CreatePrometheusGlobalNotification

Last updated：2023-03-21 10:17:17

1. API Description

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

This API is used to create a global alert notification channel.

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: CreatePrometheusGlobalNotification.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Notification	Yes	PrometheusNotificationItem	Alert notification channel

3. Output Parameters

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Parameter Name	Type	Description
Id	String	ID of the global alert notification channel 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 Creating a global alert notification channel

This example shows you how to create a global alert notification channel.

Input Example

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

{
"InstanceId": "xx",
"Notification": {
"AlertManager": {
"Url": "xx",
"ClusterId": "xx",
"ClusterType": "xx"
},
"RepeatInterval": "xx",
"WebHook": "xx",
"Enabled": true,
"PhoneNotifyOrder": [
1
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xx"
],
"ReceiverGroups": [
"xx"
],
```

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```
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xx",
"Type": "xx",
"TimeRangeEnd": "xx"
}
}
```

Output Example

```
{
"Response": {
"Id": "xx",
"RequestId": "xx"
}
}
```

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.

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Error Code	Description
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DeletePrometheusTemp

Last updated：2023-03-21 10:17:16

1. API Description

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

This API is used to delete a TMP template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeletePrometheusTemp.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
TemplateId	Yes	String	Template ID

3. Output Parameters

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

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		locating a problem.

4. Example

Example1 Deleting a template instance

This example shows you how to delete a template instance.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DeletePrometheusTemp
&TemplateId=temp-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

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6. Error Code

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

Error Code	Description
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.ResourceNotFound	InvalidParameter.ResourceNotFound

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DeletePrometheusTempSync

Last updated：2023-04-18 10:55:42

1. API Description

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

This API is used to unsync a template, which will delete the configuration generated by the template in the target. It takes effect for v2 instances.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeletePrometheusTempSync.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
TemplateId	Yes	String	Template ID
Targets.N	Yes	Array of PrometheusTemplateSyncTarget	List of unsynced objects

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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 Unsyncing a template

This example shows you how to unsync a template.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DeletePrometheusTempSync
&TemplateId="temp-xxx"
&Targets.0.Region="ap-shanghai"
&Targets.0.InstanceId="prom-xxx"
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.DbRecordNotFound	FailedOperation.DbRecordNotFound
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.ResourceNotFound	InvalidParameter.ResourceNotFound

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DeletePrometheusAlertPolicy

Last updated：2023-03-21 10:17:16

1. API Description

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

This API is used to delete a TMP 2.0 instance alerting rule.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeletePrometheusAlertPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
AlertIds.N	Yes	Array of String	List of alerting rule IDs
Names.N	No	Array of String	Alerting rule name

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 Deleting a Prometheus alerting rule

This example shows you how to delete a Prometheus alerting rule.

Input Example

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

{
"InstanceId": "xx",
"AlertIds": [
"xx"
],
"Names": [
"xx"
]
}
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

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	Internal error.
InternalError.Param	InternalError.Param
InvalidParameter	Invalid parameter.
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DeletePrometheusClusterAgent

Last updated：2023-03-22 17:00:03

1. API Description

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

This API is used to disassociate a TMP instance from a cluster.

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: DeletePrometheusClusterAgent.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Agents.N	Yes	Array of PrometheusAgentInfo	Agent list
InstanceId	Yes	String	Instance ID

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 Deleting an agent

This example shows you how to delete an agent.

Input Example

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

{
"InstanceId": "xx",
"Agents": [
{
"Describe": "xx",
"ClusterId": "xx",
"ClusterType": "xx"
}
]
}
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.DbRecordNotFound	FailedOperation.DbRecordNotFound
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound

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InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DescribePrometheusAgentInstances

Last updated：2023-03-21 10:17:15

1. API Description

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

This API is used to get the list of instances associated with the target cluster.

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: DescribePrometheusAgentInstances.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
ClusterId	Yes	String	Cluster ID It can be the ID of a TKE, EKS, or edge cluster.

3. Output Parameters

Parameter Name	Type	Description

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Instances	Array of String	List of instances associated with the cluster 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 Getting the list of instances associated with a cluster

This example shows you how to get the list of instances associated with a cluster.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePrometheusAgentInstances
&ClusterId=cls-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Instances": [
"prome-xxx"
],
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

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 NodeJS

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

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.Param	InternalError.Param
InvalidParameter	Invalid parameter.

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DescribePrometheusAlertPolicy

Last updated：2023-08-11 16:09:00

1. API Description

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

This API is used to get the list of v2.0 instance alerting rules.

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: DescribePrometheusAlertPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Offset	No	Integer	Page offset
Limit	No	Integer	Number of results per page
Filters.N	No	Array of Filter	Filter Valid values: `ID` , `Name` .

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3. Output Parameters

Parameter Name	Type	Description
AlertRules	Array of PrometheusAlertPolicyItem	Alert details Note: This field may return null, indicating that no valid values can be obtained.
Total	Integer	Total number
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Querying the alert list

This example shows you how to query the alert list.

Input Example

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

{
"InstanceId": "xxx",
"Limit": 1,
"Filters": [
{
"Name": "Name",
"Values": [
"alert-test"
]
}
],
"Offset": 1
}
```

Output Example

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```
{
"Response": {
"AlertRules": [
{
"Name": "xxx",
"Rules": [
{
"Describe": "xxx",
"Name": "xxx",
"For": "xxx",
"Labels": [
{
"Name": "xxx",
"Value": "xxx"
}
],
"Rule": "xxx",
"Template": "xxx",
"Annotations": [
{
"Name": "xxx",
"Value": "xxx"
}
]
}
],
"Notification": {
"AlertManager": {
"Url": "xxx",
"ClusterId": "xxx",
"ClusterType": "xxx"
},
"RepeatInterval": "xxx",
"WebHook": "xxx",
"Enabled": true,
"PhoneNotifyOrder": [
1
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xxx"
],
"ReceiverGroups": [
"1"
],
```


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```
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xxx",
"Type": "xxx",
"TimeRangeEnd": "xxx"
},
"TemplateId": "xxx",
"ClusterId": "xxx",
"UpdatedAt": "xxx",
"Id": "xxx"
}
],
"Total": 1,
"RequestId": "xxx"
}
}
```


5. Developer Resources

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6. Error Code

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

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Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound
ResourceNotFound	The resource is not found.

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DescribePrometheusInstanceDetail

Last updated：2023-03-21 10:17:14

1. API Description

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

This API is used to get the details of a TMP instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusInstanceDetail.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID

3. Output Parameters

Parameter Name	Type	Description
InstanceId	String	Instance ID

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InstanceName	String	Instance name
VpcId	String	VPC ID
SubnetId	String	Subnet ID
InstanceStatus	Integer	Instance status. Valid values: `1` : Creating `2` : Running `3` : Abnormal `4` : Rebooting `5` : Terminating `6` : Service suspended `8` : Suspending service for overdue payment `9` : Service suspended for overdue payment
ChargeStatus	Integer	Billing status `1` : Normal `2` : Expired `3` : Terminated `4` : Assigning `5` : Failed to assign Note: This field may return null, indicating that no valid values can be obtained.
EnableGrafana	Integer	Whether Grafana is enabled `0` : Disabled `1` : Enabled
GrafanaURL	String	Grafana dashboard URL Note: This field may return null, indicating that no valid values can be obtained.
InstanceChargeType	Integer	Instance billing mode. Valid values: `2` : Monthly subscription `3` : Pay-as-you-go
SpecName	String	Specification name Note: This field may return null, indicating that no valid values can be obtained.
DataRetentionTime	Integer	Storage period Note: This field may return null, indicating that no valid values can be

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		obtained.
ExpireTime	String	Expiration time of the purchased instance Note: This field may return null, indicating that no valid values can be obtained.
AutoRenewFlag	Integer	Auto-renewal flag `0` : Auto-renewal not enabled `1` : Auto-renewal enabled `2` : Auto-renewal prohibited `-1` : Invalid 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 details of a TMP instance

This example shows you how to query the details of a TMP instance.

Input Example

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

{
"InstanceId": "xx"
}
```

Output Example

```
{
"Response": {
"InstanceStatus": 0,
"VpcId": "xx",
"AutoRenewFlag": 0,
"InstanceId": "xx",
```

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```
"ExpireTime": "xx",
"SpecName": "xx",
"InstanceChargeType": 0,
"RequestId": "xx",
"EnableGrafana": 0,
"DataRetentionTime": 0,
"GrafanaURL": "xx",
"SubnetId": "xx",
"InstanceName": "xx",
"ChargeStatus": 0
}
}
```


5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

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

Error Code	Description
InternalError	Internal error.

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InvalidParameter	Invalid parameter.
InvalidParameter.Param	InvalidParameter.Param
InvalidParameterValue	The parameter value is incorrect.
ResourceNotFound	The resource is not found.

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DescribePrometheusClusterAgents

Last updated：2023-04-25 14:52:36

1. API Description

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

This API is used to get the list of clusters associated with the TMP instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusClusterAgents.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Offset	No	Integer	Page offset
Limit	No	Integer	Page limit

3. Output Parameters

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Parameter Name	Type	Description
Agents	Array of PrometheusAgentOverview	Information of the associated cluster
Total	Integer	The total number of the associated clusters
IsFirstBind	Boolean	Whether the TMP instance is associated with the cluster for the first time. If so, you need to configure recording rules for it. This also applies if it has no default recording rule.
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Pulling the agent information

This example shows you how to pull the agent information.

Input Example

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

{
"InstanceId": "abc",
"Limit": 1,
"Offset": 1
}
```

Output Example

```
{
"Response": {
"Total": 1,
"IsFirstBind": true,
"Agents": [
{
"Status": "abc",
```

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```
"ClusterName": "abc",
"ExternalLabels": [
{
"Name": "abc",
"Value": "abc"
}
],
"ClusterId": "abc",
"ClusterType": "abc",
"Region": "abc",
"VpcId": "abc",
"FailedReason": "abc"
}
],
"RequestId": "abc"
}
}
```


5. Developer Resources

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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
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.Db	FailedOperation.Db
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
FailedOperation.InstanceNotFound	The instance does not exist.
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound
InvalidParameter.ResourceNotFound	InvalidParameter.ResourceNotFound

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DescribePrometheusInstanceInitStatus

Last updated：2023-08-11 16:09:00

1. API Description

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

This API is used to get the initialization task status of a v2.0 instance.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusInstanceInitStatus.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID

3. Output Parameters

Parameter Name	Type	Description
Status	String	Instance initialization status. Valid values:

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

Steps	Array of TaskStepInfo	Initialize task steps Note: This field may return null, indicating that no valid values can be obtained.
EksClusterId	String	EKS cluster ID of the instance 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 Getting the initialization task status of a v2.0 instance

This example shows you how to get the initialization task status of a v2.0 instance.

Input Example

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

{
"InstanceId": "prom-7vp71ppt"
}
```

Output Example

```
{
"Response": {
"Status": "xx",
"EksClusterId": "xx",
"Steps": [
{
"StartAt": "xx",
```

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```
"Step": "xx",
"LifeState": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
}
```


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```
],
"RequestId": "xx"
}
}
```

Example2 Getting the initialization task status

This example shows you how to get the initialization task status.

Input Example

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

{
"InstanceId": "xx"
}
```

Output Example

```
{
"Response": {
"Status": "xx",
"EksClusterId": "xx",
"Steps": [
{
"StartAt": "xx",
"Step": "xx",
"LifeState": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
```

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```
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
},
{
"LifeState": "xx",
"Step": "xx",
"StartAt": "xx",
"EndAt": "xx",
"FailedMsg": "xx"
}
],
"RequestId": "xx"
}
}
```


5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.TaskNotFound	InternalError.TaskNotFound
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param

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DescribePrometheusGlobalConfig

Last updated：2023-04-27 11:11:32

1. API Description

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

This API is used to get the instance-level scrape configurations.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusGlobalConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance-level scrape configuration
DisableStatistics	No	Boolean	Whether to disable statistics

3. Output Parameters

Parameter Name	Type	Description

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Config	String	Configuration content
ServiceMonitors	Array of PrometheusConfigItem	List of service monitors and the corresponding targets information Note: This field may return null, indicating that no valid values can be obtained.
PodMonitors	Array of PrometheusConfigItem	List of pod monitors and the corresponding targets information Note: This field may return null, indicating that no valid values can be obtained.
RawJobs	Array of PrometheusConfigItem	List of raw jobs and the corresponding targets information Note: This field may return null, indicating that no valid values can be obtained.
Probes	Array of PrometheusConfigItem	List of probes and the corresponding targets information 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 Obtaining the instance-level monitoring configurations

This example shows you how to obtain the instance-level monitoring configurations.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePrometheusGlobalConfig
&InstanceId=prom-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Config": "abc",
"ServiceMonitors": [
{
"Name": "abc",
"Config": "abc",
"TemplateId": "abc"
```

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```
}
],
"PodMonitors": [
{
"Name": "abc",
"Config": "abc",
"TemplateId": "abc"
}
],
"RawJobs": [
{
"Name": "abc",
"Config": "abc",
"TemplateId": "abc"
}
],
"Probes": [
{
"Name": "abc",
"Config": "abc",
"TemplateId": "abc"
}
],
"RequestId": "abc"
}
}
```


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
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DescribePrometheusInstancesOverview

Last updated：2023-08-11 16:08:59

1. API Description

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

This API is used to obtain the list of Tencent Managed Service for Prometheus (TMP) instances and the clusters associated with them.

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: DescribePrometheusInstancesOverview.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Offset	No	Integer	Page offset
Limit	No	Integer	Number of results per page
Filters.N	No	Array of Filter	Instance filter. Valid values: `ID` : Filter by instance ID `Name` : Filter by instance name

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3. Output Parameters

Parameter Name	Type	Description
Instances	Array of PrometheusInstancesOverview	List of instances
Total	Integer	Total number of instances 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 Obtaining the instance list

This example shows you how to obtain the instance list.

Input Example

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

{
"Limit": 1,
"Filters": [
{
"Name": "Name",
"Values": [
"alert-test"
]
}
],
"Offset": 1
}
```

Output Example

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```
{
"Response": {
"Instances": [
{
"InstanceStatus": 0,
"BoundNormal": 0,
"VpcId": "xxx",
"AutoRenewFlag": 0,
"InstanceId": "xxx",
"BoundTotal": 0,
"ExpireTime": "xxx",
"SpecName": "xxx",
"InstanceChargeType": 0,
"EnableGrafana": 0,
"DataRetentionTime": 0,
"GrafanaURL": "xxx",
"SubnetId": "xxx",
"InstanceName": "xxx",
"ChargeStatus": 0,
"ResourcePackageStatus": 1,
"ResourcePackageSpecName": "fff"
}
],
"Total": 1,
"RequestId": "xxx"
}
}
```


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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.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param

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DescribePrometheusGlobalNotification

Last updated：2023-03-21 10:17:14

1. API Description

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

This API is used to query the global alert notification channel.

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: DescribePrometheusGlobalNotification.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID

3. Output Parameters

Parameter Name	Type	Description
Notification	PrometheusNotificationItem	Global alert notification channel

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		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 global alert notification channel

This example shows you how to query the global alert notification channel.

Input Example

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

{
"InstanceId": "xx"
}
```

Output Example

```
{
"Response": {
"Notification": {
"AlertManager": {
"Url": "xx",
"ClusterId": "xx",
"ClusterType": "xx"
},
"RepeatInterval": "xx",
"WebHook": "xx",
"Enabled": true,
"PhoneNotifyOrder": [
1
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xx"
```

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```
],
"ReceiverGroups": [
"xx"
],
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xx",
"Type": "xx",
"TimeRangeEnd": "xx"
},
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon

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FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DescribePrometheusRecordRules

Last updated：2023-04-27 11:11:31

1. API Description

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

This API is used to get the list of recording rules, including those created by CRD resources in the associated cluster.

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: DescribePrometheusRecordRules.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Offset	No	Integer	Page offset
Limit	No	Integer	Number of results per page
Filters.N	No	Array of Filter	Filter

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3. Output Parameters

Parameter Name	Type	Description
Records	Array of PrometheusRecordRuleYamlItem	Recording rule
Total	Integer	Total number
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Pulling recording rules

This example shows you how to pull recording rules.

Input Example

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

{
"InstanceId": "xxx"
}
```

Output Example

```
{
"Response": {
"Records": [
{
"Content": "xdx",
"UpdateTime": "xdx",
"ClusterId": "xdx",
"Name": "xdx",
"TemplateId": "xdx",
"Id": "de",
```

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```
"Status": 1,
"Count": 1
}
],
"Total": 1,
"RequestId": "xxx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf

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FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DescribePrometheusTemp

Last updated：2023-04-27 11:11:31

1. API Description

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

This API is used to get the list of templates, where the default template is always on top.

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: DescribePrometheusTemp.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
Filters.N	No	Array of Filter	Fuzzy filter. Valid values: `Level` : Filter by template level `Name` : Filter by name `Describe` : Filter by description `ID` : Filter by templateId
Offset	No	Integer	Page offset
Limit	No	Integer	Number of results per page

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3. Output Parameters

Parameter Name	Type	Description
Templates	Array of PrometheusTemp	List of templates
Total	Integer	Total number
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Pulling the template list

This example shows you how to pull the template list.

Input Example

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

{
"Limit": 1,
"Filters": [
{
"Name": "ID",
"Values": [
"alert-test"
]
}
],
"Offset": 1
}
```

Output Example

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```
{
"Response": {
"Templates": [
{
"UpdateTime": "xxx",
"RecordRules": [
{
"Config": "xxx",
"Name": "xxx",
"TemplateId": "xxx"
}
],
"Version": "xxx",
"Name": "xxx",
"Level": "xxx",
"Describe": "xxx",
"TargetsTotal": 0,
"RawJobs": [
{
"Config": "xxx",
"Name": "xxx",
"TemplateId": "xxx"
}
],
"PodMonitors": [
{
"Config": "xxx",
"Name": "xxx",
"TemplateId": "xxx"
}
],
"TemplateId": "xxx",
"AlertDetailRules": [
{
"Name": "xxx",
"Rules": [
{
"Describe": "xxx",
"Name": "xxx",
"For": "xxx",
"Labels": [
{
"Name": "xxx",
"Value": "xxx"
}
],
```


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```
"Rule": "xxx",
"Template": "xxx",
"Annotations": [
{
"Name": "xxx",
"Value": "xxx"
}
]
}
],
"Notification": {
"AlertManager": {
"Url": "xxx",
"ClusterId": "xxx",
"ClusterType": "xxx"
},
"RepeatInterval": "xxx",
"WebHook": "xxx",
"Enabled": true,
"PhoneNotifyOrder": [
1
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xxx"
],
"ReceiverGroups": [
"xxx"
],
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xxx",
"Type": "xxx",
"TimeRangeEnd": "xxx"
},
"TemplateId": "xxx",
"ClusterId": "xxx",
"UpdatedAt": "xxx",
"Id": "xxx"
}
],
"IsDefault": true,
"ServiceMonitors": [
{
"Config": "xxx",
"Name": "xxx",
```


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```
"TemplateId": "xxx"
}
]
}
],
"Total": 1,
"RequestId": "xxx"
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
InternalError.Db	InternalError.Db

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InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param

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DescribePrometheusTempSync

Last updated：2023-08-11 16:08:59

1. API Description

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

This API is used to get the information of instances associated with a template. It takes effect for v2 instances.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusTempSync.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
TemplateId	Yes	String	Template ID

3. Output Parameters

Parameter Name	Type	Description
Targets	Array of	Details of the sync target

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	PrometheusTemplateSyncTarget	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 Getting the sync targets

This example shows you how to get the sync targets.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePrometheusTempSync
&TemplateId="temp-xxx"
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397",
"Targets": [
{
"Region": "ap-shanghai",
"InstanceId": "prom-xxx",
"ClusterId": "xxx",
"SyncTime": "2020-02-2"
}
]
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for NodeJS
- 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.DoTRPCTransferFailed	DoTRPCTransferFailed
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.Param	InternalError.Param
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.ResourceNotFound	InvalidParameter.ResourceNotFound
ResourceNotFound	The resource is not found.

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DescribePrometheusTargetsTMP

Last updated：2023-03-21 10:17:13

1. API Description

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

This API is used to get the targets information.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusTargetsTMP.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
ClusterType	Yes	String	Cluster type
ClusterId	Yes	String	Cluster ID
Filters.N	No	Array of Filter	Filters. You can filter by `RawJob` , `Job` , `ServiceMonitor` , `PodMonitor` , or `Health` . `Health` contains three values: `up` , `down` , `unknown` .

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3. Output Parameters

Parameter Name	Type	Description
Jobs	Array of PrometheusJobTargets	Targets information of all jobs
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 targets

This example shows you how to get the list of targets.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePrometheusTargetsTMP
&InstanceId=prom-xxx
&ClusterType=tke
&ClusterId=cls-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"Jobs": [
{}
],
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
InternalError	Internal error.
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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ModifyPrometheusTemp

Last updated：2023-03-21 10:17:12

1. API Description

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

This API is used to modify a template.

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

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

2. Input Parameters

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

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyPrometheusTemp.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
TemplateId	Yes	String	Template ID
Template	Yes	PrometheusTempModify	Modified content

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 Modifying the description of a template

This example shows you how to modify the description of a template.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=ModifyPrometheusTemp
&TemplateId=temp-xxx
&Template.Describe=A template
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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

Error Code	Description
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.Param	InternalError.Param
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.ResourceNotFound	InvalidParameter.ResourceNotFound
ResourceNotFound	The resource is not found.

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ModifyPrometheusAgentExternalLabels

Last updated：2023-03-22 17:00:01

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to modify the external labels of the associated cluster.

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: ModifyPrometheusAgentExternalLabels.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
ClusterId	Yes	String	Cluster ID
ExternalLabels.N	Yes	Array of Label	New external labels

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 Modifying a label

This example shows you how to modify a label.

Input Example

```
POST / HTTP/1.1
Host: monitor.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPrometheusAgentExternalLabels
<Common request parameters>

{
"InstanceId": "xx",
"ExternalLabels": [
{
"Name": "xx",
"Value": "xx"
}
],
"ClusterId": "xx"
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound

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ModifyPrometheusAlertPolicy

Last updated：2023-03-22 17:00:01

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to modify a TMP 2.0 instance alerting rule.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: ModifyPrometheusAlertPolicy.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
AlertRule	Yes	PrometheusAlertPolicyItem	Alert configuration

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 Modifying an alerting rule

This example shows you how to modify an alerting rule.

Input Example

```
POST / HTTP/1.1
Host: monitor.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPrometheusAlertPolicy
<Common request parameters>

{
"InstanceId": "xx",
"AlertRule": {
"Name": "xx",
"Rules": [
{
"Describe": "xx",
"Name": "xx",
"For": "xx",
"Labels": [
{
"Name": "xx",
"Value": "xx"
}
],
"Rule": "xx",
"Template": "xx",
"Annotations": [
{
"Name": "xx",
"Value": "xx"
}
]
}
],
```

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```
"Notification": {
"AlertManager": {
"Url": "xx",
"ClusterId": "xx",
"ClusterType": "xx"
},
"RepeatInterval": "xx",
"WebHook": "xx",
"Enabled": true,
"PhoneNotifyOrder": [
1
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xx"
],
"ReceiverGroups": [
1
],
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xx",
"Type": "xx",
"TimeRangeEnd": "xx"
},
"TemplateId": "xx",
"ClusterId": "xx",
"UpdatedAt": "xx",
"Id": "xx"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.Param	InvalidParameter.Param

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ModifyPrometheusGlobalNotification

Last updated：2023-03-21 10:17:12

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to modify the global alert notification channel.

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: ModifyPrometheusGlobalNotification.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Notification	Yes	PrometheusNotificationItem	Alert notification channel

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 Modifying the global alert notification channel

This example shows you how to modify the global alert notification channel.

Input Example

```
POST / HTTP/1.1
Host: monitor.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: ModifyPrometheusGlobalNotification
<Common request parameters>

{
"InstanceId": "xx",
"Notification": {
"AlertManager": {
"Url": "xx",
"ClusterId": "xx",
"ClusterType": "xx"
},
"RepeatInterval": "xx",
"WebHook": "xx",
"Enabled": true,
"PhoneNotifyOrder": [
1
],
"PhoneInnerInterval": 0,
"PhoneCircleInterval": 0,
"NotifyWay": [
"xx"
],
"ReceiverGroups": [
"xx"
],
"PhoneArriveNotice": true,
"PhoneCircleTimes": 0,
"TimeRangeStart": "xx",
```

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```
"Type": "xx",
"TimeRangeEnd": "xx"
}
}
```

Output Example

```
{
"Response": {
"RequestId": "xx"
}
}
```

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 NodeJS
- 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.ComponentClientCommon	FailedOperation.ComponentClientCommon

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FailedOperation.KubeCommon	FailedOperation.KubeCommon
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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RunPrometheusInstance

Last updated：2023-03-21 10:17:11

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to initialize a TMP instance, which is called when the integration center is enabled.

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: RunPrometheusInstance.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
SubnetId	No	String	Subnet ID. Initialization is performed with the subnet used by the instance by default and can also be performed with the subnet passed in by this parameter.

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 Initializing an instance

This example shows you how to initialize an instance.

Input Example

```
POST / HTTP/1.1
Host: monitor.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: RunPrometheusInstance
<Common request parameters>

{
"InstanceId": "prom-xxx"
}
```

Output Example

```
{
"Response": {
"RequestId": "xxx"
}
}
```

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 .NET
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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DescribeClusterAgentCreatingProgress

Last updated：2024-07-08 16:53:20

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to obtain the binding status between the TencentCloud Managed Service for Prometheus instance and the TKE cluster.

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: DescribeClusterAgentCreatingProgress.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	Yes	String	Common Params. For more information, please see the list of regions supported by the product.

3. Output Parameters

Parameter Name	Type	Description
RequestId	String	The unique request ID, generated by the server, will be returned for every request (if the

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		request fails to reach the server for other reasons, the request will not obtain a RequestId). RequestId is required for locating a problem.

4. Example

Example1 Obtaining the binding status between the TencentCloud Managed Service for Prometheus instance and the TKE cluster

This example shows you how to obtain the binding status between the TencentCloud Managed Service for Prometheus instance and the TKE cluster.

Input Example

```
POST / HTTP/1.1
Host: monitor.tencentcloudapi.com
Content-Type: application/json
X-TC-Action: DescribeClusterAgentCreatingProgress
<Common request parameters>

{}
```

Output Example

```
{
"Response": {
"RequestId": ""
}
}
```

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
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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
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
InvalidParameter.Param	InvalidParameter.Param

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SyncPrometheusTemp

Last updated：2023-04-18 10:55:41

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to sync a template to an instance or cluster. It takes effect for v2 instances.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: SyncPrometheusTemp.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
TemplateId	Yes	String	Instance ID
Targets.N	Yes	Array of PrometheusTemplateSyncTarget	Sync target

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 Syncing a template to an instance

This example shows you how to sync a template to an instance.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=SyncPrometheusTemp
&TemplateId="temp-xxx"
&Targets.0.Region="ap-shanghai"
&Targets.0.InstanceId="prom-xxx"
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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- 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.

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError.Db	InternalError.Db
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound
InvalidParameter.ResourceNotFound	InvalidParameter.ResourceNotFound
ResourceNotFound	The resource is not found.

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Monitoring APIs CreatePrometheusRecordRuleYaml

Last updated：2023-04-25 14:52:35

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to create a recording rule in the YAML way.

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: CreatePrometheusRecordRuleYaml.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Content	Yes	String	YAML content
Name	No	String	Rule name

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 Creating a recording rule

This example shows you how to create a recording rule.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=CreatePrometheusRecordRuleYaml
&InstanceId=prom-xxx
&Content=xxxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

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6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound
UnknownParameter	Unknown parameter.

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DeletePrometheusRecordRuleYaml

Last updated：2023-04-18 10:55:40

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to delete a recording instance.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DeletePrometheusRecordRuleYaml.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Names.N	Yes	Array of String	List of recording rules

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 Deleting a recording rule

This example shows you how to delete a recording rule.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DeletePrometheusRecordRuleYaml
&InstanceId=prom-xxx
&Names.0=xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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CreatePrometheusConfig

Last updated：2023-08-11 16:09:11

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to create Prometheus configurations.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: CreatePrometheusConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
ClusterType	Yes	String	Cluster type
ClusterId	Yes	String	Cluster ID
ServiceMonitors.N	No	Array of PrometheusConfigItem	Configuration of service monitors
PodMonitors.N	No	Array of	Configuration of pod monitors

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		PrometheusConfigItem	
RawJobs.N	No	Array of PrometheusConfigItem	Configuration of Prometheus raw job

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 a configuration

This example shows you how to add a configuration.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=CreatePrometheusConfig
&InstanceId=prom-xxx
&ClusterType=tke
&ClusterId=cls-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

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 NodeJS
- 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.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
ResourceInUse.ResourceExistAlready	ResourceInUse.ResourceExistAlready
ResourceNotFound	The resource is not found.

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DescribePrometheusConfig

Last updated：2023-08-11 16:09:10

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to get the Prometheus configuration.

A maximum of 20 requests can be initiated per second for this API.

We recommend you to use API Explorer
Try it
API Explorer provides a range of capabilities, including online call, signature authentication, SDK code generation, and API quick search. It enables you to view the request, response, and auto-generated examples.

2. Input Parameters

The following request parameter list only provides API request parameters and some common parameters. For the complete common parameter list, see Common Request Parameters.

Parameter Name	Required	Type	Description
Action	Yes	String	Common Params. The value used for this API: DescribePrometheusConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
ClusterId	Yes	String	Cluster ID
ClusterType	Yes	String	Cluster type

3. Output Parameters

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Parameter Name	Type	Description
Config	String	Global configuration
ServiceMonitors	Array of PrometheusConfigItem	ServiceMonitor configuration
PodMonitors	Array of PrometheusConfigItem	PodMonitor configuration
RawJobs	Array of PrometheusConfigItem	Raw jobs
Probes	Array of PrometheusConfigItem	Probes
RequestId	String	The unique request ID, which is returned for each request. RequestId is required for locating a problem.

4. Example

Example1 Pulling the Prometheus configuration

This example shows you how to pull the Prometheus configuration.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePrometheusConfig
&InstanceId=prom-xxx
&ClusterType=tke
&ClusterId=cls-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397",
"Config": "xdfdfd",
"ServiceMonitors": [
{
"Name": "sm1",
"Config": "dfd"
}
```

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```
],
"PodMonitors": [
{
"Name": "pm1",
"Config": "fdfd"
}
],
"RawJobs": [
{
"Name": "job1",
"Config": "fd"
}
],
"Probes": [
{
"Name": "job1",
"Config": "fd"
}
]
}
}
```

5. Developer Resources

SDK

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Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

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The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.Db	FailedOperation.Db
FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Db	InternalError.Db
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DescribePrometheusRecordRuleYaml

Last updated：2023-03-21 10:16:59

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to get the YAML list of Prometheus recording rules.

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: DescribePrometheusRecordRuleYaml.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Offset	No	Integer	Page offset
Limit	No	Integer	Number of results per page
Filters.N	No	Array of Filter	Filter. Valid values: `Name` : Name `Values` : List of target names

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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 Getting the list of recording rules

This example shows you how to get the list of recording rules.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DescribePrometheusRecordRuleYaml
&InstanceId=prom-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for NodeJS

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- Tencent Cloud SDK 3.0 for .NET
- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf
FailedOperation.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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DeletePrometheusConfig

Last updated：2023-08-11 16:09:11

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to delete Prometheus configurations. If the target cluster does not exist, a result indicating success will be returned.

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: DeletePrometheusConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
ClusterType	Yes	String	Cluster type
ClusterId	Yes	String	Cluster ID
ServiceMonitors.N	No	Array of String	List of names of the service monitors to be deleted
PodMonitors.N	No	Array of	List of names of the pod monitors to be deleted

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		String	
RawJobs.N	No	Array of String	List of names of the raw jobs to be deleted

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 Prometheus configurations

This example shows you how to delete Prometheus configurations.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=DeletePrometheusConfig
&InstanceId=prom-xxx
&ClusterType=tke
&ClusterId=cls-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

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 NodeJS
- 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.ComponentClientHttp	FailedOperation.ComponentClientHttp
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound

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ModifyPrometheusRecordRuleYaml

Last updated：2023-03-21 10:16:58

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to modify a Prometheus recording instance through YAML.

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: ModifyPrometheusRecordRuleYaml.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
Name	Yes	String	Recording instance name
Content	Yes	String	New content

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 Modifying a recording rule

This example shows you how to modify a recording rule.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=ModifyPrometheusRecordRuleYaml
&InstanceId=prom-xxx
&Name=sss
&Content=xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for NodeJS
- Tencent Cloud SDK 3.0 for .NET

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- Tencent Cloud SDK 3.0 for C++

Command Line Interface

- Tencent Cloud CLI 3.0

6. Error Code

The following only lists the error codes related to the API business logic. For other error codes, see Common Error Codes.

Error Code	Description
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
InternalError	Internal error.
InternalError.Param	InternalError.Param
InvalidParameter	Invalid parameter.
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound

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ModifyPrometheusConfig

Last updated：2023-03-21 10:16:59

1. API Description

Domain name for API request: monitor.tencentcloudapi.com.

This API is used to modify the Prometheus configuration. If there are no configuration items, one will be added.

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: ModifyPrometheusConfig.
Version	Yes	String	Common Params. The value used for this API: 2018-07-24.
Region	No	String	Common Params. This parameter is not required for this API.
InstanceId	Yes	String	Instance ID
ClusterType	Yes	String	Cluster type
ClusterId	Yes	String	Cluster ID
ServiceMonitors.N	No	Array of PrometheusConfigItem	Configuration of service monitors
PodMonitors.N	No	Array of	Configuration of pod monitors

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		PrometheusConfigItem	
RawJobs.N	No	Array of PrometheusConfigItem	Configuration of Prometheus raw jobs

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 a configuration

This example shows you how to add a configuration.

Input Example

```
https://monitor.tencentcloudapi.com/?Action=ModifyPrometheusConfig
&InstanceId=prom-xxx
&ClusterType=tke
&ClusterId=cls-xxx
&<Common request parameters>
```

Output Example

```
{
"Response": {
"RequestId": "eac6b301-a322-493a-8e36-83b295459397"
}
}
```

5. Developer Resources

SDK

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- Tencent Cloud SDK 3.0 for Go
- Tencent Cloud SDK 3.0 for NodeJS
- 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.KubeCommon	FailedOperation.KubeCommon
InternalError	Internal error.
InternalError.Param	InternalError.Param
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter	Invalid parameter.
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound

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Data Types

Last updated：2024-07-08 17:35:43

AlarmEvent

Alarm event

Used by actions: DescribeAlarmEvents.

Name	Type	Description
EventName	String	Event name
Description	String	Event display name
Namespace	String	Alarm policy type

AlarmHierarchicalNotice

Notification template ID and the list of alarm notification levels. The values `Remind` and `Serious` indicate that the notification template only sends alarms at the `Remind` and `Serious` levels.

Used by actions: CreateAlarmPolicy, ModifyAlarmPolicyNotice.

Name	Type	Required	Description
NoticeId	String	No	Notification template ID Note: This field may return null, indicating that no valid values can be obtained.
Classification	Array of String	No	The list of alarm notification levels. The values `Remind` and `Serious` indicate that the notification template only sends alarms at the `Remind` and `Serious` levels. Note: This field may return null, indicating that no valid values can be obtained.

AlarmHierarchicalValue

The configuration of alarm level threshold

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Used by actions: CreateAlarmPolicy, ModifyAlarmPolicyCondition.

Name	Type	Required	Description
Remind	String	No	Threshold for the `Remind` level Note: This field may return null, indicating that no valid values can be obtained.
Warn	String	No	Threshold for the `Warn` level Note: This field may return null, indicating that no valid values can be obtained.
Serious	String	No	Threshold for the `Serious` level Note: This field may return null, indicating that no valid values can be obtained.

AlarmHistory

Alarm record data

Used by actions: DescribeAlarmHistories.

Name	Type	Description
AlarmId	String	Alarm record ID
MonitorType	String	Monitor type
Namespace	String	Policy type
AlarmObject	String	Alarm object
Content	String	Alarm content
FirstOccurTime	Integer	Timestamp of the first occurrence
LastOccurTime	Integer	Timestamp of the last occurrence
AlarmStatus	String	Alarm status. Valid values: ALARM (not resolved), OK (resolved), NO_CONF (expired), NO_DATA (insufficient data)
PolicyId	String	Alarm policy ID
PolicyName	String	Policy name
VPC	String	VPC of alarm object for basic product alarm

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ProjectId	Integer	Project ID
ProjectName	String	Project name
InstanceGroup	Array of InstanceGroups	Instance group of alarm object
ReceiverUids	Array of Integer	Recipient list
ReceiverGroups	Array of Integer	Recipient group list
NoticeWays	Array of String	Alarm channel list. Valid values: SMS (SMS), EMAIL (email), CALL (phone), WECHAT (WeChat)
OriginId	String	Alarm policy ID, which can be used when you call APIs (BindingPolicyObject, UnBindingAllPolicyObject, UnBindingPolicyObject) to bind/unbind instances or instance groups to/from an alarm policy
AlarmType	String	Alarm type
EventId	Integer	Event ID
Region	String	Region
PolicyExists	Integer	Whether the policy exists. Valid values: 0 (no), 1 (yes)
MetricsInfo	Array of AlarmHistoryMetric	Metric information Note: this field may return `null` , indicating that no valid values can be obtained.
Dimensions	String	Dimension information of an instance that triggered alarms. Note: this field may return `null` , indicating that no valid values can be obtained.

AlarmHistoryMetric

Metric information of alarm records

Used by actions: DescribeAlarmHistories.

Name	Type	Description
QceNamespace	String	Namespace used to query data by Tencent Cloud service monitoring type
MetricName	String	Metric name

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Period	Integer	Statistical period
Value	String	Value triggering alarm
Description	String	Metric display name

AlarmNotice

Alarm notification template details

Used by actions: DescribeAlarmNotice, DescribeAlarmNotices, DescribeAlarmPolicies, DescribeAlarmPolicy.

Name	Type	Required	Description
Id	String	Yes	Alarm notification template ID Note: this field may return null, indicating that no valid values can be obtained.
Name	String	Yes	Alarm notification template name Note: this field may return null, indicating that no valid values can be obtained.
UpdatedAt	String	Yes	Last modified time Note: this field may return null, indicating that no valid values can be obtained.
UpdatedBy	String	Yes	Last modified by Note: this field may return null, indicating that no valid values can be obtained.
NoticeType	String	Yes	Alarm notification type. Valid values: ALARM (for unresolved alarms), OK (for resolved alarms), ALL (for all alarms) Note: this field may return null, indicating that no valid values can be obtained.
UserNotices	Array of UserNotice	Yes	User notification list Note: this field may return null, indicating that no valid values can be obtained.
URLNotices	Array of URLNotice	Yes	Callback notification list Note: this field may return null, indicating that no valid values can be obtained.
IsPreset	Integer	Yes	Whether it is the system default notification template. Valid values: 0 (no), 1 (yes)

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			Note: this field may return null, indicating that no valid values can be obtained.
NoticeLanguage	String	Yes	Notification language. Valid values: zh-CN (Chinese), en-US (English) Note: this field may return null, indicating that no valid values can be obtained.
PolicyIds	Array of String	Yes	List of IDs of the alarm policies bound to alarm notification template Note: this field may return null, indicating that no valid values can be obtained.
AMPConsumerId	String	Yes	Backend AMP consumer ID. Note: This field may return null, indicating that no valid values can be obtained.
CLSNotices	Array of CLSNotice	Yes	Channel to push alarm notifications to CLS. Note: This field may return `null`, indicating that no valid values can be obtained.
Tags	Array of Tag	Yes	Tags bound to a notification template Note: This field may return null, indicating that no valid values can be obtained.

AlarmPolicy

Alarm policy details

Used by actions: DescribeAlarmPolicies, DescribeAlarmPolicy.

Name	Type	Description
PolicyId	String	Alarm policy ID Note: this field may return null, indicating that no valid values can be obtained.
PolicyName	String	Alarm policy name Note: this field may return null, indicating that no valid values can be obtained.
Remark	String	Remarks Note: this field may return null, indicating that no valid values can be obtained.

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MonitorType	String	Monitor type. Valid values: MT_QCE (Tencent Cloud service monitoring) Note: this field may return null, indicating that no valid values can be obtained.
Enable	Integer	Status. Valid values: 0 (disabled), 1 (enabled) Note: this field may return null, indicating that no valid values can be obtained.
UseSum	Integer	Number of instances bound to policy group Note: this field may return null, indicating that no valid values can be obtained.
ProjectId	Integer	Project ID. Valid values: -1 (no project), 0 (default project) Note: this field may return null, indicating that no valid values can be obtained.
ProjectName	String	Project name Note: this field may return null, indicating that no valid values can be obtained.
Namespace	String	Alarm policy type Note: this field may return null, indicating that no valid values can be obtained.
ConditionTemplateId	String	Trigger condition template ID Note: this field may return null, indicating that no valid values can be obtained.
Condition	AlarmPolicyCondition	Metric trigger condition Note: this field may return null, indicating that no valid values can be obtained.
EventCondition	AlarmPolicyEventCondition	Event trigger condition Note: this field may return null, indicating that no valid values can be obtained.
NoticeIds	Array of String	Notification rule ID list Note: this field may return null, indicating that no valid values can be obtained.
Notices	Array of AlarmNotice	Notification rule list Note: this field may return null, indicating that no valid values can be obtained.
TriggerTasks	Array of	Triggered task list

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	AlarmPolicyTriggerTask	Note: this field may return null, indicating that no valid values can be obtained.
ConditionsTemp	ConditionsTemp	Template policy group Note: this field may return null, indicating that no valid values can be obtained. Note: this field may return null, indicating that no valid values can be obtained.
LastEditUin	String	`Uin` of the last modifying user Note: this field may return null, indicating that no valid values can be obtained.
UpdateTime	Integer	Update time Note: this field may return null, indicating that no valid values can be obtained. Note: this field may return null, indicating that no valid values can be obtained.
InsertTime	Integer	Creation time Note: this field may return null, indicating that no valid values can be obtained. Note: this field may return null, indicating that no valid values can be obtained.
Region	Array of String	Region Note: this field may return null, indicating that no valid values can be obtained.
NamespaceShowName	String	Namespace display name Note: this field may return null, indicating that no valid values can be obtained.
IsDefault	Integer	Whether it is the default policy. Valid values: 1 (yes), 0 (no) Note: this field may return null, indicating that no valid values can be obtained.
CanSetDefault	Integer	Whether the default policy can be set. Valid values: 1 (yes), 0 (no) Note: this field may return null, indicating that no valid values can be obtained.
InstanceGroupId	Integer	Instance group ID Note: this field may return null, indicating that no valid values can be obtained.

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InstanceSum	Integer	Total number of instances in instance group Note: this field may return null, indicating that no valid values can be obtained.
InstanceGroupName	String	Instance group name Note: this field may return null, indicating that no valid values can be obtained.
RuleType	String	Trigger condition type. Valid values: STATIC (static threshold), DYNAMIC (dynamic) Note: this field may return null, indicating that no valid values can be obtained.
OriginId	String	Policy ID for instance/instance group binding and unbinding APIs (BindingPolicyObject, UnBindingAllPolicyObject, UnBindingPolicyObject) Note: this field may return null, indicating that no valid values can be obtained.
TagInstances	Array of TagInstance	Tag Note: This field may return `null` , indicating that no valid values can be obtained.
FilterDimensionsParam	String	Information on the filter dimension associated with a policy. Note: This field may return `null` , indicating that no valid values can be obtained.
IsOneClick	Integer	Whether it is a quick alarm policy. Note: This field may return `null` , indicating that no valid values can be obtained.
OneClickStatus	Integer	Whether the quick alarm policy is enabled. Note: This field may return `null` , indicating that no valid values can be obtained.
AdvancedMetricNumber	Integer	The number of advanced metrics. Note: This field may return `null` , indicating that no valid values can be obtained.
IsBindAll	Integer	Whether the policy is associated with all objects Note: This field may return null, indicating that no valid values can be obtained.
Tags	Array of Tag	Policy tag Note: This field may return null, indicating that no valid values can be obtained.

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AlarmPolicyCondition

Metric trigger condition of alarm policy

Used by actions: CreateAlarmPolicy, DescribeAlarmPolicies, DescribeAlarmPolicy, ModifyAlarmPolicyCondition.

Name	Type	Required	Description
IsUnionRule	Integer	Yes	Judgment condition of an alarm trigger condition (`0` : Any; `1` : All; `2` : Composite). When the value is set to `2` (i.e., composite trigger conditions), this parameter should be used together with `ComplexExpression` . Note: This field may return null, indicating that no valid values can be obtained.
Rules	Array of AlarmPolicyRule	Yes	Alarm trigger condition list Note: this field may return null, indicating that no valid values can be obtained.
ComplexExpression	String	No	The judgment expression of composite alarm trigger conditions, which is valid when the value of `IsUnionRule` is `2` . This parameter is used to determine that an alarm condition is met only when the expression values are `True` for multiple trigger conditions. Note: This field may return null, indicating that no valid values can be obtained.

AlarmPolicyEventCondition

Event trigger condition of alarm policy

Used by actions: CreateAlarmPolicy, DescribeAlarmPolicies, DescribeAlarmPolicy, ModifyAlarmPolicyCondition.

Name	Type	Required	Description
Rules	Array of AlarmPolicyRule	Yes	Alarm trigger condition list Note: this field may return null, indicating that no valid values can be obtained.

AlarmPolicyFilter

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Filter condition of alarm policy

Used by actions: CreateAlarmPolicy, ModifyAlarmPolicyCondition.

Name	Type	Required	Description
Type	String	Yes	Filter condition type. Valid values: DIMENSION (uses dimensions for filtering) Note: this field may return null, indicating that no valid values can be obtained.
Dimensions	String	No	JSON string generated by serializing the `AlarmPolicyDimension` two-dimensional array. The one-dimensional arrays are in OR relationship, and the elements in a one-dimensional array are in AND relationship Note: this field may return null, indicating that no valid values can be obtained.

AlarmPolicyRule

Trigger condition of alarm policy

Used by actions: CreateAlarmPolicy, ModifyAlarmPolicyCondition.

Name	Type	Required	Description
MetricName	String	No	Metric name or event name. The supported metrics can be queried via DescribeAlarmMetrics and the supported events via DescribeAlarmEvents. Note: this field may return `null` , indicating that no valid value is obtained.
Period	Integer	No	Statistical period in seconds. The valid values can be queried via DescribeAlarmMetrics. Note: this field may return `null` , indicating that no valid value is obtained.
Operator	String	No	Operator intelligent = intelligent detection without threshold eq = equal to ge = greater than or equal to gt = greater than le = less than or equal to

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			lt = less than ne = not equal to day_increase = day-on-day increase day_decrease = day-on-day decrease day_wave = day-on-day fluctuation week_increase = week-on-week increase week_decrease = week-on-week decrease week_wave = week-on-week fluctuation cycle_increase = cyclical increase cycle_decrease = cyclical decrease cycle_wave = cyclical fluctuation re = regex match The valid values can be queried via DescribeAlarmMetrics. Note: this field may return `null`, indicating that no valid value is obtained.
Value	String	No	Threshold. The valid value range can be queried via DescribeAlarmMetrics. Note: this field may return `null`, indicating that no valid value is obtained.
ContinuePeriod	Integer	No	Number of periods. `1`: continue for one period; `2`: continue for two periods; and so on. The valid values can be queried via DescribeAlarmMetrics. Note: this field may return `null`, indicating that no valid value is obtained.
NoticeFrequency	Integer	No	Alarm interval in seconds. Valid values: 0 (do not repeat), 300 (alarm once every 5 minutes), 600 (alarm once every 10 minutes), 900 (alarm once every 15 minutes), 1800 (alarm once every 30 minutes), 3600 (alarm once every hour), 7200 (alarm once every 2 hours), 10800 (alarm once every 3 hours), 21600 (alarm once every 6 hours), 43200 (alarm once every 12 hours), 86400 (alarm once every day) Note: this field may return null, indicating that no valid values can be obtained.
IsPowerNotice	Integer	No	Whether the alarm frequency increases exponentially. Valid values: 0 (no), 1 (yes) Note: this field may return null, indicating that no valid values can be obtained.

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Filter	AlarmPolicyFilter	No	Filter condition for one single trigger rule Note: this field may return null, indicating that no valid values can be obtained.
Description	String	No	Metric display name, which is used in the output parameter Note: this field may return null, indicating that no valid values can be obtained.
Unit	String	No	Unit, which is used in the output parameter Note: this field may return null, indicating that no valid values can be obtained.
RuleType	String	No	Trigger condition type. `STATIC` : static threshold; `dynamic` : dynamic threshold. If you do not specify this parameter when creating or editing a policy, `STATIC` is used by default. Note: this field may return `null` , indicating that no valid value is obtained.
IsAdvanced	Integer	No	Whether it is an advanced metric. 0: No; 1: Yes. Note: This field may return `null` , indicating that no valid values can be obtained.
IsOpen	Integer	No	Whether the advanced metric feature is enabled. 0: No; 1: Yes. Note: This field may return `null` , indicating that no valid values can be obtained.
ProductId	String	No	Integration center product ID. Note: This field may return `null` , indicating that no valid values can be obtained.
ValueMax	Float	No	Maximum value Note: This field may return null, indicating that no valid values can be obtained.
ValueMin	Float	No	Minimum value Note: This field may return null, indicating that no valid values can be obtained.
HierarchicalValue	AlarmHierarchicalValue	No	The configuration of alarm level threshold Note: This field may return null, indicating that no valid values can be obtained.

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AlarmPolicyTriggerTask

Task triggered by alarm policy

Used by actions: CreateAlarmPolicy, DescribeAlarmPolicies, DescribeAlarmPolicy, ModifyAlarmPolicyTasks.

Name	Type	Required	Description
Type	String	Yes	Triggered task type. Valid value: AS (auto scaling) Note: this field may return null, indicating that no valid values can be obtained.
TaskConfig	String	Yes	Configuration information in JSON format, such as {"Key1":"Value1","Key2":"Value2"} Note: this field may return null, indicating that no valid values can be obtained.

BindingPolicyObjectDimension

Dimensions of instances bound to a policy

Used by actions: BindingPolicyObject.

Name	Type	Required	Description
Region	String	Yes	Region name.
RegionId	Integer	No	Region ID.
Dimensions	String	No	Instance dimension information in the following format: {"unInstanceId":"ins-00jvv9mo"}. The dimension information varies by Tencent Cloud services. For more information, please see: Dimension List
EventDimensions	String	No	Event dimensions.

CLSNotice

The operation of pushing alarm notifications to CLS

Used by actions: CreateAlarmNotice, DescribeAlarmNotice, DescribeAlarmNotices, ModifyAlarmNotice.

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Name	Type	Required	Description
Region	String	Yes	Region.
LogSetId	String	Yes	Logset ID.
TopicId	String	Yes	Topic ID.
Enable	Integer	No	Status. Valid values: `0` (disabled), `1` (enabled). Default value: `1` (enabled). This parameter can be left empty.

CommonNamespace

Unified namespace information

Used by actions: DescribeAllNamespaces.

Name	Type	Description
Id	String	Namespace ID
Name	String	Namespace name
Value	String	Namespace value
ProductName	String	Product name
Config	String	Configuration information
AvailableRegions	Array of String	List of supported regions
SortId	Integer	Sort ID
DashboardId	String	Unique ID in Dashboard

CommonNamespaceNew

Policy type information

Used by actions: DescribeAllNamespaces.

Name	Type	Description
Id	String	Namespace ID

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Name	String	Namespace name
MonitorType	String	Monitoring type
Dimensions	Array of DimensionNew	Dimension information

Condition

Alarm condition

Used by actions: DescribeConditionsTemplateList.

Name	Type	Description
AlarmNotifyPeriod	Integer	Alarm notification frequency.
AlarmNotifyType	Integer	Predefined repeated notification policy. `0` : One-time alarm; `1` : exponential alarm; `2` : consecutive alarm.
CalcType	String	Detection method. Note: This field may return `null` , indicating that no valid values can be obtained.
CalcValue	String	Detection value. Note: This field may return `null` , indicating that no valid values can be obtained.
ContinueTime	String	Duration in seconds. Note: This field may return null, indicating that no valid values can be obtained.
MetricID	Integer	Metric ID.
MetricDisplayName	String	Displayed metric name.
Period	Integer	Statistical period.
RuleID	Integer	Rule ID.
Unit	String	Metric unit.
IsAdvanced	Integer	Whether it is an advanced metric. Valid values: `0` (no), `1` (yes).
IsOpen	Integer	Whether the advance metric feature is enabled. Valid values: `0` (no), `1` (yes).

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ProductId	String	Product ID. Note: This field may return null, indicating that no valid values can be obtained.

ConditionsTemp

Alarm trigger condition template

Used by actions: DescribeAlarmPolicies, DescribeAlarmPolicy.

Name	Type	Description
TemplateName	String	Template name Note: This field may return null, indicating that no valid values can be obtained.
Condition	AlarmPolicyCondition	Metric trigger condition Note: this field may return null, indicating that no valid values can be obtained.
EventCondition	AlarmPolicyEventCondition	Event trigger condition Note: this field may return null, indicating that no valid values can be obtained.

CreatePolicyGroupCondition

Alarm threshold condition passed in when a policy is created.

Used by actions: CreatePolicyGroup.

Name	Type	Required	Description
MetricId	Integer	Yes	Metric ID.
AlarmNotifyType	Integer	Yes	Alarm sending and converging type. The value 0 indicates that alarms are sent consecutively. The value 1 indicates that alarms are sent exponentially.
AlarmNotifyPeriod	Integer	Yes	Alarm sending period in seconds. The value <0 indicates that no alarm will be triggered. The value 0 indicates that an alarm is triggered only once. The value >0 indicates that an alarm is triggered at the interval of triggerTime.

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CalcType	Integer	No	Comparative type. The value 1 indicates greater than. The value 2 indicates greater than or equal to. The value 3 indicates smaller than. The value 4 indicates smaller than or equal to. The value 5 indicates equal to. The value 6 indicates not equal to. This parameter is optional if a default comparative type is configured for the metric.
CalcValue	Float	No	Comparative value. This parameter is optional if the metric has no requirement.
CalcPeriod	Integer	No	Data aggregation period in seconds. This parameter is optional if the metric has a default value.
ContinuePeriod	Integer	No	Number of consecutive periods after which an alarm will be triggered.
RuleId	Integer	No	If a metric is created based on a template, the `RuleId` of the metric in the template must be passed in.

CreatePolicyGroupEventCondition

Event alarm condition passed in when a policy is created.

Used by actions: CreatePolicyGroup.

Name	Type	Required	Description
EventId	Integer	Yes	Alarm event ID.
AlarmNotifyType	Integer	Yes	Alarm sending and converging type. The value 0 indicates that alarms are sent consecutively. The value 1 indicates that alarms are sent exponentially.
AlarmNotifyPeriod	Integer	Yes	Alarm sending period in seconds. The value <0 indicates that no alarm will be triggered. The value 0 indicates that an alarm is triggered only once. The value >0 indicates that an alarm is triggered at the interval of triggerTime.
RuleId	Integer	No	If a metric is created based on a template, the `RuleId` of the metric in the template must be passed in.

DataPoint

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Monitoring data point

Used by actions: GetMonitorData.

Name	Type	Description
Dimensions	Array of Dimension	Combination of instance object dimensions
Timestamps	Array of Float	The array of timestamps indicating at which points in time there is data. Missing timestamps have no data points (i.e., missed)
Values	Array of Float	The array of monitoring values, which is in one-to-one correspondence to Timestamps

DescribeAccidentEventListAlarms

Output parameter type of the DescribeAccidentEventList API

Used by actions: DescribeAccidentEventList.

Name	Type	Description
BusinessTypeDesc	String	Event type. Note: This field may return null, indicating that no valid value was found.
AccidentTypeDesc	String	Event type. Note: This field may return null, indicating that no valid value was found.
BusinessID	Integer	ID of the event type. The value 1 indicates service issues. The value 2 indicates other subscriptions. Note: This field may return null, indicating that no valid value was found.
EventStatus	Integer	Event status ID. The value 0 indicates that the event has been recovered. The value 1 indicates that the event has not been recovered. Note: This field may return null, indicating that no valid value was found.
AffectResource	String	Affected object. Note: This field may return null, indicating that no valid value was found.
Region	String	Region where the event occurs. Note: This field may return null, indicating that no valid value was found.
OccurTime	String	Time when the event occurs. Note: This field may return null, indicating that no valid value was found.

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UpdateTime	String	Update time. Note: This field may return null, indicating that no valid value was found.

DescribeBasicAlarmListAlarms

Alarms returned by DescribeBasicAlarmList

Used by actions: DescribeBasicAlarmList.

Name	Type	Description
Id	Integer	Alarm ID.
ProjectId	Integer	Project ID. Note: This field may return null, indicating that no valid value was found.
ProjectName	String	Project name. Note: This field may return null, indicating that no valid value was found.
Status	Integer	Alarm status ID. Valid values: 0 (not resolved), 1 (resolved), 2/3/5 (insufficient data), 4 (expired) Note: this field may return null, indicating that no valid values can be obtained.
AlarmStatus	String	Alarm status. Valid values: ALARM (not resolved), OK (resolved), NO_DATA (insufficient data), NO_CONF (expired) Note: this field may return null, indicating that no valid values can be obtained.
GroupId	Integer	Policy group ID. Note: This field may return null, indicating that no valid value was found.
GroupName	String	Policy group name. Note: This field may return null, indicating that no valid value was found.
FirstOccurTime	String	Occurrence time. Note: This field may return null, indicating that no valid value was found.
Duration	Integer	Duration in seconds. Note: This field may return null, indicating that no valid value was found.
LastOccurTime	String	End time. Note: This field may return null, indicating that no valid value was found.
Content	String	Alarm content. Note: This field may return null, indicating that no valid value was found.

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ObjName	String	Alarm object. Note: This field may return null, indicating that no valid value was found.
ObjId	String	Alarm object ID. Note: This field may return null, indicating that no valid value was found.
ViewName	String	Policy type. Note: This field may return null, indicating that no valid value was found.
Vpc	String	VPC, which is unique to CVM. Note: This field may return null, indicating that no valid value was found.
MetricId	Integer	Metric ID. Note: This field may return null, indicating that no valid value was found.
MetricName	String	Metric name. Note: This field may return null, indicating that no valid value was found.
AlarmType	Integer	Alarm type. The value 0 indicates metric alarms. The value 2 indicates product event alarms. The value 3 indicates platform event alarms. Note: This field may return null, indicating that no valid value was found.
Region	String	Region. Note: This field may return null, indicating that no valid value was found.
Dimensions	String	Dimensions of an alarm object. Note: This field may return null, indicating that no valid value was found.
NotifyWay	Array of String	Notification method. Note: This field may return null, indicating that no valid value was found.
InstanceGroup	Array of InstanceGroup	Instance group information. Note: This field may return null, indicating that no valid value was found.

DescribeBindingPolicyObjectListDimension

Dimensions of the DescribeBindingPolicyObjectList API

Used by actions: DescribeBindingPolicyObjectList.

Name	Type	Required	Description
RegionId	Integer	Yes	Region ID.
Region	String	Yes	Region abbreviation.

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Dimensions	String	Yes	Combined JSON string of dimensions.
EventDimensions	String	Yes	Combined JSON string of event dimensions.

DescribeBindingPolicyObjectListInstance

Object instance information returned by the DescribeBindingPolicyObjectListInstance API.

Used by actions: DescribeBindingPolicyObjectList.

Name	Type	Description
UniqueId	String	Unique ID of the object.
Dimensions	String	Dimension set of an object instance, which is a jsonObj string.
IsShielded	Integer	Whether the object is shielded. The value 0 indicates that the object is not shielded. The value 1 indicates that the object is shielded.
Region	String	Region where the object resides.

DescribeBindingPolicyObjectListInstanceGroup

Instance group information returned by the DescribeBindingPolicyObjectList API

Used by actions: DescribeBindingPolicyObjectList.

Name	Type	Description
InstanceGroupId	Integer	Instance group ID.
ViewName	String	Alarm policy type name.
LastEditUin	String	Uin that was last edited.
GroupName	String	Instance group name.
InstanceSum	Integer	Number of instances.
UpdateTime	Integer	Update time.
InsertTime	Integer	Creation time.
Regions	Array of String	Regions where the instances reside.

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		Note: This field may return null, indicating that no valid value was found.

DescribePolicyConditionListCondition

Policy conditions returned by the DescribePolicyConditionList API

Used by actions: DescribePolicyConditionList.

Name	Type	Description
PolicyViewName	String	Policy view name.
EventMetrics	Array of DescribePolicyConditionListEventMetric	Event alarm conditions. Note: This field may return null, indicating that no valid value was found.
IsSupportMultiRegion	Boolean	Whether to support multiple regions.
Metrics	Array of DescribePolicyConditionListMetric	Metric alarm conditions. Note: This field may return null, indicating that no valid value was found.
Name	String	Policy type name.
SortId	Integer	Sorting ID.
SupportDefault	Boolean	Whether to support default policies.
SupportRegions	Array of String	List of regions that support this policy type. Note: This field may return null, indicating that no valid value was found.
DeprecatingInfo	DescribePolicyConditionListResponseDeprecatingInfo	Deprecated information Note: This field may return null, indicating that no valid values can be obtained.

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DescribePolicyConditionListConfigManual

DescribePolicyConditionList.ConfigManual

Used by actions: DescribePolicyConditionList.

Name	Type	Description
CalcType	DescribePolicyConditionListConfigManualCalcType	Check method. Note: This field may return null, indicating that no valid value was found.
CalcValue	DescribePolicyConditionListConfigManualCalcValue	Threshold. Note: This field may return null, indicating that no valid value was found.
ContinueTime	DescribePolicyConditionListConfigManualContinueTime	Duration. Note: This field may return null, indicating that no valid value was found.
Period	DescribePolicyConditionListConfigManualPeriod	Data period. Note: This field may return null, indicating that no valid value was found.
PeriodNum	DescribePolicyConditionListConfigManualPeriodNum	Number of periods. Note: This field may return null, indicating that no valid value was found.
StatType	DescribePolicyConditionListConfigManualStatType	Statistics method. Note: This field may return null, indicating that no valid value was found.

DescribePolicyConditionListConfigManualCalcType

DescribePolicyConditionList.ConfigManual.CalcType

Used by actions: DescribePolicyConditionList.

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Name	Type	Description
Keys	Array of Integer	Value of CalcType. Note: This field may return null, indicating that no valid value was found.
Need	Boolean	Required or not.

DescribePolicyConditionListConfigManualCalcValue

DescribePolicyConditionList.ConfigManual.CalcValue

Used by actions: DescribePolicyConditionList.

Name	Type	Description
Default	String	Default value. Note: This field may return null, indicating that no valid value was found.
Fixed	String	Fixed value. Note: This field may return null, indicating that no valid value was found.
Max	String	Maximum value. Note: This field may return null, indicating that no valid value was found.
Min	String	Minimum value. Note: This field may return null, indicating that no valid value was found.
Need	Boolean	Required or not.

DescribePolicyConditionListConfigManualContinueTime

DescribePolicyConditionList.ConfigManual.ContinueTime

Used by actions: DescribePolicyConditionList.

Name	Type	Description
Default	Integer	Default duration in seconds. Note: This field may return null, indicating that no valid value was found.
Keys	Array of Integer	Custom durations in seconds. Note: This field may return null, indicating that no valid value was found.
Need	Boolean	Required or not.

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DescribePolicyConditionListConfigManualPeriod

DescribePolicyConditionList.ConfigManual.Period

Used by actions: DescribePolicyConditionList.

Name	Type	Description
Default	Integer	Default period in seconds. Note: This field may return null, indicating that no valid value was found.
Keys	Array of Integer	Custom periods in seconds. Note: This field may return null, indicating that no valid value was found.
Need	Boolean	Required or not.

DescribePolicyConditionListConfigManualPeriodNum

DescribePolicyConditionList.ConfigManual.PeriodNum

Used by actions: DescribePolicyConditionList.

Name	Type	Description
Default	Integer	Number of default periods. Note: This field may return null, indicating that no valid value was found.
Keys	Array of Integer	Number of custom periods. Note: This field may return null, indicating that no valid value was found.
Need	Boolean	Required or not.

DescribePolicyConditionListConfigManualStatType

DescribePolicyConditionList.ConfigManual.StatType

Used by actions: DescribePolicyConditionList.

Name	Type	Description
P5	String	Data aggregation method in a period of 5 seconds.

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		Note: This field may return null, indicating that no valid value was found.
P10	String	Data aggregation method in a period of 10 seconds. Note: This field may return null, indicating that no valid value was found.
P60	String	Data aggregation method in a period of 1 minute. Note: This field may return null, indicating that no valid value was found.
P300	String	Data aggregation method in a period of 5 minutes. Note: This field may return null, indicating that no valid value was found.
P600	String	Data aggregation method in a period of 10 minutes. Note: This field may return null, indicating that no valid value was found.
P1800	String	Data aggregation method in a period of 30 minutes. Note: This field may return null, indicating that no valid value was found.
P3600	String	Data aggregation method in a period of 1 hour. Note: This field may return null, indicating that no valid value was found.
P86400	String	Data aggregation method in a period of 1 day. Note: This field may return null, indicating that no valid value was found.

DescribePolicyConditionListEventMetric

DescribePolicyConditionList.EventMetric

Used by actions: DescribePolicyConditionList.

Name	Type	Description
EventId	Integer	Event ID.
EventShowName	String	Event name.
NeedRecovered	Boolean	Whether to recover.
Type	Integer	Event type, which is a reserved field. Currently, it is fixed to 2.

DescribePolicyConditionListMetric

Metric alarm configuration.

Used by actions: DescribePolicyConditionList.

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Name	Type	Description
ConfigManual	DescribePolicyConditionListConfigManual	Metric configuration. Note: This field may return null, indicating that no valid value was found.
MetricId	Integer	Metric ID.
MetricShowName	String	Metric name.
MetricUnit	String	Metric unit.

DescribePolicyConditionListResponseDeprecatingInfo

DescribePolicyConditionListResponseDeprecatingInfo

Used by actions: DescribePolicyConditionList.

Name	Type	Description
Hidden	Boolean	Whether to hide Note: This field may return null, indicating that no valid values can be obtained.
NewViewNames	Array of String	Names of new views Note: This field may return null, indicating that no valid values can be obtained.
Description	String	Description Note: This field may return null, indicating that no valid values can be obtained.

DescribePolicyGroupInfoCallback

User callback information output by the policy query

Used by actions: DescribePolicyGroupInfo.

Name	Type	Description
CallbackUrl	String	URL of the user callback API.
ValidFlag	Integer	Status of the user callback API. The value 0 indicates that the API is not verified. The

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		value 1 indicates that the API is verified. The value 2 indicates that a URL exists but the API fails to be verified.
VerifyCode	String	Verification code of the user callback API.

DescribePolicyGroupInfoCondition

Alarm threshold conditions output by the policy query.

Used by actions: DescribePolicyGroupInfo, DescribePolicyGroupList.

Name	Type	Description
MetricShowName	String	Metric name.
Period	Integer	Data aggregation period in seconds.
MetricId	Integer	Metric ID.
RuleId	Integer	Threshold rule ID.
Unit	String	Metric unit.
AlarmNotifyType	Integer	Alarm sending and converging type. The value 0 indicates that alarms are sent consecutively. The value 1 indicates that alarms are sent exponentially.
AlarmNotifyPeriod	Integer	Alarm sending period in seconds. If the value is less than 0, no alarm will be triggered. If the value is 0, an alarm will be triggered only once. If the value is greater than 0, an alarm will be triggered at the interval of `triggerTime` .
CalcType	Integer	Comparative type. The value 1 indicates greater than. The value 2 indicates greater than or equal to. The value 3 indicates smaller than. The value 4 indicates smaller than or equal to. The value 5 indicates equal to. The value 6 indicates not equal to. The value 7 indicates day-on-day increase. The value 8 indicates day-on-day decrease. The value 9 indicates week-on-week increase. The value 10 indicates week-on-week decrease. The value 11 indicates periodical increase. The value 12 indicates periodical decrease.
CalcValue	String	Threshold.
ContinueTime	Integer	Duration at which an alarm will be triggered in seconds.
MetricName	String	Alarm metric name.

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DescribePolicyGroupInfoConditionTpl

Template-based policy group information output by the policy query

Used by actions: DescribePolicyGroupInfo, DescribePolicyGroupList.

Name	Type	Description
GroupId	Integer	Policy group ID.
GroupName	String	Policy group name.
ViewName	String	Policy type.
Remark	String	Policy group remarks.
LastEditUin	String	Uin that was last edited.
UpdateTime	Integer	Update time. Note: This field may return null, indicating that no valid value was found.
InsertTime	Integer	Creation time. Note: This field may return null, indicating that no valid value was found.
IsUnionRule	Integer	Whether the 'AND' rule is used. Note: This field may return null, indicating that no valid value was found.

DescribePolicyGroupInfoEventCondition

Event alarm conditions output by the policy query

Used by actions: DescribePolicyGroupInfo, DescribePolicyGroupList.

Name	Type	Description
EventId	Integer	Event ID.
RuleId	Integer	Event alarm rule ID.
EventShowName	String	Event name.
AlarmNotifyPeriod	Integer	Alarm sending period in seconds. The value <0 indicates that no alarm will be triggered. The value 0 indicates that an alarm is triggered only once. The value >0 indicates that an alarm is triggered at the interval of triggerTime.
AlarmNotifyType	Integer	Alarm sending and converging type. The value 0 indicates that alarms are sent

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		consecutively. The value 1 indicates that alarms are sent exponentially.

DescribePolicyGroupInfoReceiverInfo

Alarm recipient information output by the policy query

Used by actions: DescribePolicyGroupInfo, DescribePolicyGroupList.

Name	Type	Description
ReceiverGroupList	Array of Integer	List of alarm recipient group IDs.
ReceiverUserList	Array of Integer	List of alarm recipient IDs.
StartTime	Integer	Start time of the alarm period. Value range: [0,86400). Convert the Unix timestamp to Beijing time and then remove the date. For example, 7200 indicates “10:0:0”.
EndTime	Integer	End time of the alarm period. The meaning is the same as that of StartTime.
ReceiverType	String	Recipient type. Valid values: group and user.
NotifyWay	Array of String	Alarm notification method. Valid values: "SMS", "SITE", "EMAIL", "CALL", and "WECHAT".
UidList	Array of Integer	Uid of the alarm call recipient. Note: This field may return null, indicating that no valid value was found.
RoundNumber	Integer	Number of alarm call rounds.
RoundInterval	Integer	Intervals of alarm call rounds in seconds.
PersonInterval	Integer	Alarm call intervals for individuals in seconds.
NeedSendNotice	Integer	Whether to send an alarm call delivery notice. The value 0 indicates that no notice needs to be sent. The value 1 indicates that a notice needs to be sent.
SendFor	Array of String	Alarm call notification time. Valid values: OCCUR (indicating that a notice is sent when the alarm is triggered) and RECOVER (indicating that a notice is sent when the alarm is recovered).

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RecoverNotify	Array of String	Notification method when an alarm is recovered. Valid value: SMS.
ReceiveLanguage	String	Alarm language. Note: This field may return null, indicating that no valid value was found.

DescribePolicyGroupListGroup

DescribePolicyGroupList.Group

Used by actions: DescribePolicyGroupList.

Name	Type	Description
GroupId	Integer	Policy group ID.
GroupName	String	Policy group name.
IsOpen	Boolean	Whether it is enabled.
ViewName	String	Policy view name.
LastEditUin	String	Uin that was last edited.
UpdateTime	Integer	Last modified time.
InsertTime	Integer	Creation time.
UseSum	Integer	Number of instances that are bound to the policy group.
NoShieldedSum	Integer	Number of unshielded instances that are bound to the policy group.
IsDefault	Integer	Whether it is the default policy. The value 0 indicates that it is not the default policy. The value 1 indicates that it is the default policy.
CanSetDefault	Boolean	Whether the policy can be configured as the default policy.
ParentGroupId	Integer	Parent policy group ID.
Remark	String	Remarks of the policy group.

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ProjectId	Integer	ID of the project to which the policy group belongs.
Conditions	Array of DescribePolicyGroupInfoCondition	Threshold rule list. Note: This field may return null, indicating that no valid value was found.
EventConditions	Array of DescribePolicyGroupInfoEventCondition	Product event rule list. Note: This field may return null, indicating that no valid value was found.
ReceiverInfos	Array of DescribePolicyGroupInfoReceiverInfo	Recipient list. Note: This field may return null, indicating that no valid value was found.
ConditionsTemp	DescribePolicyGroupInfoConditionTpl	Template-based policy group. Note: This field may return null, indicating that no valid value was found.
InstanceGroup	DescribePolicyGroupListGroupInstanceGroup	Instance group that is bound to the policy group. Note: This field may return null, indicating that no valid value was found.
IsUnionRule	Integer	The 'AND' or 'OR' rule. The value 0 indicates the 'OR' rule (indicating that an alarm will be triggered if any rule meets the threshold condition). The value 1 indicates the 'AND' rule (indicating that an alarm will be triggered when all rules meet the threshold conditions). Note: This field may return null, indicating that no valid value was found.

DescribePolicyGroupListGroupInstanceGroup

Instance group that is bound to a policy group of the DescribePolicyGroupList API

Used by actions: DescribePolicyGroupList.

Name	Type	Description
InstanceGroupId	Integer	Instance group name ID.
ViewName	String	Policy type view name.

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LastEditUin	String	Uin that was last edited.
GroupName	String	Instance group name.
InstanceSum	Integer	Number of instances.
UpdateTime	Integer	Update time.
InsertTime	Integer	Creation time.

DescribeProductEventListDimensions

Input parameter Dimensions of the DescribeProductEventList API

Used by actions: DescribeProductEventList.

Name	Type	Required	Description
Name	String	Yes	Dimension name.
Value	String	Yes	Dimension value.

DescribeProductEventListEvents

Events returned by the DescribeProductEventList API

Used by actions: DescribeProductEventList.

Name	Type	Description
EventId	Integer	Event ID. Note: This field may return null, indicating that no valid value was found.
EventCName	String	Event name in Chinese. Note: This field may return null, indicating that no valid value was found.
EventEName	String	Event name in English. Note: This field may return null, indicating that no valid value was found.
EventName	String	Event name abbreviation.

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		Note: This field may return null, indicating that no valid value was found.
ProductCName	String	Product name in Chinese. Note: This field may return null, indicating that no valid value was found.
ProductEName	String	Product name in English. Note: This field may return null, indicating that no valid value was found.
ProductName	String	Product name abbreviation. Note: This field may return null, indicating that no valid value was found.
InstanceId	String	Instance ID. Note: This field may return null, indicating that no valid value was found.
InstanceName	String	Instance name. Note: This field may return null, indicating that no valid value was found.
ProjectId	String	Project ID. Note: This field may return null, indicating that no valid value was found.
Region	String	Region. Note: This field may return null, indicating that no valid value was found.
Status	String	Status. Note: This field may return null, indicating that no valid value was found.
SupportAlarm	Integer	Whether to support alarms. Note: This field may return null, indicating that no valid value was found.
Type	String	Event type. Note: This field may return null, indicating that no valid value was found.
StartTime	Integer	Start time. Note: This field may return null, indicating that no valid value was found.
UpdateTime	Integer	Update time.

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		Note: This field may return null, indicating that no valid value was found.
Dimensions	Array of DescribeProductEventListEventsDimensions	Instance object information. Note: This field may return null, indicating that no valid value was found.
AdditionMsg	Array of DescribeProductEventListEventsDimensions	Additional information of the instance object. Note: This field may return null, indicating that no valid value was found.
IsAlarmConfig	Integer	Whether to configure alarms. Note: This field may return null, indicating that no valid value was found.
GroupInfo	Array of DescribeProductEventListEventsGroupInfo	Policy information. Note: This field may return null, indicating that no valid value was found.
ViewName	String	Display name Note: This field may return `null`, indicating that no valid values can be obtained.

DescribeProductEventListEventsDimensions

Dimensions of events returned by the DescribeProductEventList API

Used by actions: DescribeProductEventList.

Name	Type	Description
Key	String	Dimension name in English. Note: This field may return null, indicating that no valid value was found.
Name	String	Dimension name in Chinese. Note: This field may return null, indicating that no valid value was found.
Value	String	Dimension value. Note: This field may return null, indicating that no valid value was found.

DescribeProductEventListEventsGroupInfo

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GroupInfo in Events returned by the DescribeProductEventList API

Used by actions: DescribeProductEventList.

Name	Type	Description
GroupId	Integer	Policy ID. Note: This field may return null, indicating that no valid value was found.
GroupName	String	Policy name. Note: This field may return null, indicating that no valid value was found.

DescribeProductEventListOverView

OverView object returned by the DescribeProductEventList API

Used by actions: DescribeProductEventList.

Name	Type	Description
StatusChangeAmount	Integer	Number of events whose statuses have changed. Note: This field may return null, indicating that no valid value was found.
UnConfigAlarmAmount	Integer	Number of events whose alarm statuses are not configured. Note: This field may return null, indicating that no valid value was found.
UnNormalEventAmount	Integer	Number of events with exceptions. Note: This field may return null, indicating that no valid value was found.
UnRecoverAmount	Integer	Number of events that have not been recovered. Note: This field may return null, indicating that no valid value was found.

Dimension

Combination of instance object dimensions

Used by actions: DescribeStatisticData, GetMonitorData.

Name	Type	Required	Description
Name	String	Yes	Instance dimension name
Value	String	Yes	Instance dimension value

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DimensionNew

Dimension information of the policy type

Used by actions: DescribeAllNamespaces.

Name	Type	Description
Key	String	Dimension key ID displayed on the backend
Name	String	Dimension key name displayed on the frontend
IsRequired	Boolean	Whether it is required
Operators	Array of Operator	List of supported operators
IsMultiple	Boolean	Whether multiple items can be selected
IsMutable	Boolean	Whether it can be modified after creation
IsVisible	Boolean	Whether it is displayed to users
CanFilterPolicy	Boolean	Whether it can be used to filter policies
CanFilterHistory	Boolean	Whether it can be used to filter historical alarms
CanGroupBy	Boolean	Whether it can be used as an aggregate dimension
MustGroupBy	Boolean	Whether it must be used as an aggregate dimension
ShowValueReplace	String	The key to be replaced on the frontend Note: This field may return null, indicating that no valid values can be obtained.

DimensionsDesc

Dimension information

Used by actions: DescribeBaseMetrics.

Name	Type	Description
Dimensions	Array of String	Array of dimension names

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EventCondition

Event alarm conditions

Used by actions: DescribeConditionsTemplateList.

Name	Type	Description
AlarmNotifyPeriod	String	Alarm notification frequency. Note: This field may return `null` , indicating that no valid values can be obtained.
AlarmNotifyType	String	Predefined repeated notification policy. `0` : One-time alarm; `1` : exponential alarm; `2` : consecutive alarm Note: This field may return `null` , indicating that no valid values can be obtained.
EventID	String	Event ID.
EventDisplayName	String	Displayed event name.
RuleID	String	Rule ID.

Filter

Query filter

Used by actions: DescribePrometheusAlertPolicy, DescribePrometheusInstancesOverview, DescribePrometheusRecordRuleYaml, DescribePrometheusRecordRules, DescribePrometheusTargetsTMP, DescribePrometheusTemp.

Name	Type	Required	Description
Type	String	No	Filter method. Valid values: `=` , `!=` , `in` .
Key	String	No	Filter dimension name
Value	String	No	Filter value. For the `in` filter method, separate multiple values by comma.
Name	String	No	Filter name
Values	Array of String	No	Filter value range

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GrafanaAccountInfo

TCMG authorized account information

Used by actions: DescribeSSOAccount.

Name	Type	Description
UserId	String	User account ID
Role	Array of GrafanaAccountRole	User permission
Notes	String	Remarks
CreateAt	Timestamp ISO8601	Creation time
InstanceId	String	Instance ID Note: This field may return null, indicating that no valid values can be obtained.
Uin	String	User's root account UIN

GrafanaAccountRole

TCMG account permission

Used by actions: CreateSSOAccount, DescribeSSOAccount, UpdateSSOAccount.

Name	Type	Required	Description
Organization	String	No	Organization
Role	String	No	Permission

GrafanaChannel

Grafana alert channel

Used by actions: DescribeGrafanaChannels.

Name	Type	Description

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ChannelId	String	Channel ID
ChannelName	String	Channel name
Receivers	Array of String	Array of alert channel template IDs
CreatedAt	Timestamp ISO8601	Creation time
UpdatedAt	Timestamp ISO8601	Update time
OrganizationIds	Array of String	All valid organizations in an alert channel Note: This field may return null, indicating that no valid values can be obtained.

GrafanaInstanceInfo

Instance type when the Grafana instance is queried

Used by actions: DescribeGrafanaInstances.

Name	Type	Description
InstanceName	String	Instance name
InstanceId	String	Instance ID
Region	String	Region
VpcId	String	VPC ID
SubnetIds	Array of String	Array of subnet IDs
InternetUrl	String	Grafana private network address
InternalUrl	String	Grafana public network address
CreatedAt	Timestamp	Creation time
InstanceStatus	Integer	Status. Valid values: `1` (creating), `2` (running), `3` (abnormal), `4` (restarting), `5` (stopping), `6` (stopped), `7` (deleted).
TagSpecification	Array of PrometheusTag	Instance tag Note: This field may return null, indicating that no valid values

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		can be obtained.
Zone	String	Instance AZ
InstanceChargeType	Integer	Billing mode. Valid value: `1` (monthly subscription).
VpcName	String	VPC name
SubnetName	String	Subnet name
RegionId	Integer	Region ID
RootUrl	String	The full URL used to access this instance
EnableSSO	Boolean	Whether to enable SSO
Version	String	Version number
EnableSSOCamCheck	Boolean	Whether to enable CAM authentication during SSO

GrafanaIntegrationConfig

Grafana instance configuration

Used by actions: DescribeGrafanaIntegrations.

Name	Type	Description
IntegrationId	String	Integration ID
Kind	String	Integration type
Content	String	Integration content
Description	String	Integration description
GrafanaURL	String	Grafana redirection address Note: This field may return null, indicating that no valid values can be obtained.

GrafanaNotificationChannel

Grafana notification channel

Used by actions: DescribeGrafanaNotificationChannels.

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Name	Type	Description
ChannelId	String	Channel ID
ChannelName	String	Channel name
Receivers	Array of String	Array of notification channel template IDs
CreatedAt	Timestamp ISO8601	Creation time
UpdatedAt	Date	Update time
OrgId	String	Default valid organization. This parameter has been deprecated. Please use `OrganizationIds` instead.
ExtraOrgIds	Array of String	Extra valid organization. This parameter has been deprecated. Please use `OrganizationIds` instead. Note: This field may return null, indicating that no valid values can be obtained.
OrgIds	String	Valid organization. This parameter has been deprecated. Please use `OrganizationIds` instead. Note: This field may return null, indicating that no valid values can be obtained.
OrganizationIds	String	All valid organizations in an alert channel Note: This field may return null, indicating that no valid values can be obtained.

GrafanaPlugin

Grafana plugin

Used by actions: DescribeInstalledPlugins, InstallPlugins.

Name	Type	Required	Description
PluginId	String	Yes	Grafana plugin ID
Version	String	Yes	Grafana plugin version Note: This field may return null, indicating that no valid values can be obtained.

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Instance

Array of instance dimension combinations

Used by actions: GetMonitorData.

Name	Type	Required	Description
Dimensions	Array of Dimension	Yes	Combination of instance dimensions

InstanceGroup

InstanceGroup in Alarms returned by the DescribeBasicAlarmList API

Used by actions: DescribeBasicAlarmList.

Name	Type	Description
InstanceGroupId	Integer	Instance group ID. Note: This field may return null, indicating that no valid value was found.
InstanceGroupName	String	Instance group name. Note: This field may return null, indicating that no valid value was found.

InstanceGroups

Instance group of alarm object

Used by actions: DescribeAlarmHistories.

Name	Type	Description
Id	Integer	Instance group ID
Name	String	Instance group name

IntegrationConfiguration

Export integration configuration

Used by actions: DescribeExporterIntegrations.

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Name	Type	Description
Name	String	Name
Kind	String	Type
Content	String	Content
Status	Integer	Status
Category	String	Instance type
InstanceDesc	String	Instance description
GrafanaDashboardURL	String	Dashboard URL

Label

Tags in K8s, which generally exist in the form of an array.

Used by actions: CreatePrometheusAlertPolicy, CreatePrometheusClusterAgent, DescribePrometheusAlertPolicy, DescribePrometheusClusterAgents, ModifyPrometheusAgentExternalLabels, ModifyPrometheusAlertPolicy, ModifyPrometheusTemp.

Name	Type	Required	Description
Name	String	Yes	Label name
Value	String	Yes	Label value

LogAlarmReq

Log alarm request information

Used by actions: CreateAlarmPolicy, ModifyAlarmPolicyCondition.

Name	Type	Required	Description
InstanceId	String	Yes	APM instance ID
Filter	Array of LogFilterInfo	Yes	Search condition
AlarmMerge	String	Yes	The switch to enable/disable alarm merging

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AlarmMergeTime	String	Yes	Alarm merging time

LogFilterInfo

Log alarm search condition structure

Used by actions: CreateAlarmPolicy, ModifyAlarmPolicyCondition.

Name	Type	Required	Description
Key	String	Yes	Field name
Operator	String	Yes	Comparison operator
Value	String	Yes	Field value

ManagementCommand

Prometheus agent management command line

Used by actions: GetPrometheusAgentManagementCommand.

Name	Type	Description
Install	String	Agent installation command Note: This field may return null, indicating that no valid values can be obtained.
Restart	String	Agent restart command Note: This field may return null, indicating that no valid values can be obtained.
Stop	String	Agent stop command Note: This field may return null, indicating that no valid values can be obtained.
StatusCheck	String	Agent status detection command Note: This field may return null, indicating that no valid values can be obtained.
LogCheck	String	Agent log detection command Note: This field may return null, indicating that no valid values can be obtained.

Metric

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Metric, which can be used to set alarms and query data

Used by actions: DescribeAlarmMetrics.

Name	Type	Description
Namespace	String	Alarm policy type
MetricName	String	Metric name
Description	String	Metric display name
Min	Float	Minimum value
Max	Float	Maximum value
Dimensions	Array of String	Dimension list
Unit	String	Unit
MetricConfig	MetricConfig	Metric configuration Note: this field may return null, indicating that no valid values can be obtained.
IsAdvanced	Integer	Whether it is an advanced metric. 1: Yes; 0: No. Note: This field may return `null` , indicating that no valid values can be obtained.
IsOpen	Integer	Whether the advanced metric feature is enabled. 1: Yes; 0: No. Note: This field may return `null` , indicating that no valid values can be obtained.
ProductId	Integer	Integration center product ID. Note: This field may return `null` , indicating that no valid values can be obtained.
Operators	Array of Operator	Matching operator Note: This field may return null, indicating that no valid values can be obtained.
Periods	Array of Integer	Metric monitoring granularity Note: This field may return null, indicating that no valid values can be obtained.
IsLatenessMetric	Integer	

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MetricConfig

Metric configuration

Used by actions: DescribeAlarmMetrics.

Name	Type	Description
Operator	Array of String	Allowed operator
Period	Array of Integer	Allowed data cycle in seconds
ContinuePeriod	Array of Integer	Allowed number of continuous cycles

MetricData

`DescribeMetricData` output parameters

Used by actions: DescribeStatisticData.

Name	Type	Description
MetricName	String	Metric name
Points	Array of MetricDataPoint	Monitoring data point

MetricDataPoint

`DescribeMetricData` output parameters

Used by actions: DescribeStatisticData.

Name	Type	Description
Dimensions	Array of Dimension	Combination of instance object dimensions
Values	Array of Point	Data point list

MetricObjectMeaning

Meaning of metric data

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Used by actions: DescribeBaseMetrics.

Name	Type	Description
En	String	Meaning of the metric in English
Zh	String	Meaning of the metric in Chinese

MetricSet

Description of the unit and supported statistical period of the business metric

Used by actions: DescribeBaseMetrics.

Name	Type	Description
Namespace	String	Namespace. Each Tencent Cloud product has a namespace
MetricName	String	Metric Name
Unit	String	Unit used by the metric
UnitCname	String	Unit used by the metric
Period	Array of Integer	Statistical period in seconds supported by the metric, such as 60 and 300
Periods	Array of PeriodsSt	Metric method during the statistical period
Meaning	MetricObjectMeaning	Meaning of the statistical metric
Dimensions	Array of DimensionsDesc	Dimension description
MetricCName	String	Metric name (in Chinese). Note: this field may return `null` , indicating that no valid values can be obtained.
MetricEName	String	Metric name (in English). Note: this field may return `null` , indicating that no valid values can be obtained.

MidQueryCondition

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`DescribeMidDimensionValueList` query conditions

Used by actions: DescribeStatisticData.

Name	Type	Required	Description
Key	String	Yes	Dimension
Operator	String	Yes	Operator. Valid values: eq (equal to), ne (not equal to), in
Value	Array of String	Yes	Dimension value. If `Operator` is `eq` or `ne`, only the first element will be used

ModifyPolicyGroupCondition

Modification of the metric threshold condition passed in by the alarm policy group.

Used by actions: ModifyPolicyGroup.

Name	Type	Required	Description
MetricId	Integer	Yes	Metric ID.
CalcType	Integer	Yes	Comparative type. The value 1 indicates greater than. The value 2 indicates greater than or equal to. The value 3 indicates smaller than. The value 4 indicates smaller than or equal to. The value 5 indicates equal to. The value 6 indicates not equal to.
CalcValue	String	Yes	Threshold.
CalcPeriod	Integer	Yes	Data period of the detected metric.
ContinuePeriod	Integer	Yes	Number of consecutive periods.
AlarmNotifyType	Integer	Yes	Alarm sending and convergence type. The value 0 indicates that alarms are sent consecutively. The value 1 indicates that alarms are sent exponentially.
AlarmNotifyPeriod	Integer	Yes	Alarm sending period in seconds. If the value is less than 0, no alarm will be triggered. If the value is 0, an alarm will be triggered only once. If the value is greater than 0, an alarm will be triggered at the interval of triggerTime.
RuleId	Integer	No	Rule ID. No filling means new addition while filling in ruleId means to modify existing rules.

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ModifyPolicyGroupEventCondition

Modification of the event alarm condition passed in by the alarm policy group.

Used by actions: ModifyPolicyGroup.

Name	Type	Required	Description
EventId	Integer	Yes	Event ID.
AlarmNotifyType	Integer	Yes	Alarm sending and convergence type. The value 0 indicates that alarms are sent consecutively. The value 1 indicates that alarms are sent exponentially.
AlarmNotifyPeriod	Integer	Yes	Alarm sending period in seconds. If the value is less than 0, no alarm will be triggered. If the value is 0, an alarm will be triggered only once. If the value is greater than 0, an alarm will be triggered at the interval of triggerTime.
RuleId	Integer	No	Rule ID. No filling means new addition while filling in ruleId means to modify existing rules.

MonitorTypeInfo

Monitoring type details

Used by actions: DescribeMonitorTypes.

Name	Type	Description
Id	String	Monitoring type ID
Name	String	Monitoring type
SortId	Integer	Sort order

MonitorTypeNamespace

Policy type

Used by actions: DescribeAlarmHistories.

Name	Type	Required	Description

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MonitorType	String	Yes	Monitor type
Namespace	String	Yes	Policy type value

NoticeBindPolicys

Binding between a notification template and a policy

Used by actions: DeleteAlarmNotices.

Name	Type	Required	Description
NoticeId	String	No	Alert notification template ID
PolicyIds	Array of String	No	List of IDs of the alerting rules bound to an alarm notification template

Operator

Operators supported by the instance

Used by actions: DescribeAlarmMetrics, DescribeAllNamespaces.

Name	Type	Description
Id	String	Operator ID
Name	String	Operator name

PeriodsSt

Statistical method during the period

Used by actions: DescribeBaseMetrics.

Name	Type	Description
Period	String	Period
StatType	Array of String	Statistical method

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Point

Monitoring data point

Used by actions: DescribeStatisticData.

Name	Type	Description
Timestamp	Integer	Time point when this monitoring data point is generated
Value	Float	Monitoring data point value Note: this field may return null, indicating that no valid values can be obtained.

PolicyGroup

Policy group information

Used by actions: DescribeConditionsTemplateList.

Name	Type	Description
CanSetDefault	Boolean	Whether the alarm policy can be set to default.
GroupID	Integer	Alarm policy group ID.
GroupName	String	Alarm policy group name.
InsertTime	Integer	Creation time.
IsDefault	Integer	Whether the alarm policy is set to default.
Enable	Boolean	Whether the alarm policy is enabled.
LastEditUin	Integer	UIN of the last modifier.
NoShieldedInstanceCount	Integer	Number of unshielded instances.
ParentGroupID	Integer	Parent policy group ID.
ProjectID	Integer	Project ID.
ReceiverInfos	Array of PolicyGroupReceiverInfo	Alarm recipient information. Note: This field may return `null`, indicating that no valid values can be obtained.
Remark	String	Remarks.

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UpdateTime	Integer	Modification time.
TotalInstanceCount	Integer	The total number of associated instances.
ViewName	String	View.
IsUnionRule	Integer	Whether the logical relationship between rules is AND.

PolicyGroupReceiverInfo

Information on recipients in the policy template list (API v2018)

Used by actions: DescribeConditionsTemplateList.

Name	Type	Description
EndTime	Integer	End time of a valid time period.
NeedSendNotice	Integer	Whether it is required to send notifications.
NotifyWay	Array of String	Alarm receiving channel. Note: This field may return `null` , indicating that no valid values can be obtained.
PersonInterval	Integer	Alarm call intervals for individuals in seconds.
ReceiverGroupList	Array of Integer	Message recipient group list. Note: This field may return `null` , indicating that no valid values can be obtained.
ReceiverType	String	Recipient type.
ReceiverUserList	Array of Integer	Recipient list. The list of recipient IDs that is queried by a platform API. Note: This field may return `null` , indicating that no valid values can be obtained.
RecoverNotify	Array of String	Alarm resolution notification method. Note: This field may return `null` , indicating that no valid values can be obtained.
RoundInterval	Integer	Alarm call interval per round in seconds.
RoundNumber	Integer	Number of alarm call rounds.
SendFor	Array	Alarm call notification time. Valid values: `OCCUR` (indicating that a

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	of String	notification is sent when the alarm is triggered) and `RECOVER` (indicating that a notification is sent when the alarm is resolved). Note: This field may return `null`, indicating that no valid values can be obtained.
StartTime	Integer	Start time of a valid time period.
UIDList	Array of Integer	UID of the alarm call recipient. Note: This field may return `null`, indicating that no valid values can be obtained.

PrometheusAgent

prometheus agent

Used by actions: DescribePrometheusAgents.

Name	Type	Description
Name	String	Agent name Note: This field may return null, indicating that no valid values can be obtained.
AgentId	String	Agent ID
InstanceId	String	Instance ID
Ipv4	String	Agent IP Note: This field may return null, indicating that no valid values can be obtained.
HeartbeatTime	String	Heartbeat time Note: This field may return null, indicating that no valid values can be obtained.
LastError	String	Last error Note: This field may return null, indicating that no valid values can be obtained.
AgentVersion	String	Agent version Note: This field may return null, indicating that no valid values can be obtained.
Status	Integer	Agent status

PrometheusAgentInfo

Information of managed Prometheus agent

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Used by actions: DeletePrometheusClusterAgent.

Name	Type	Required	Description
ClusterType	String	Yes	Cluster type
ClusterId	String	Yes	Cluster ID
Describe	String	No	Remarks

PrometheusAgentOverview

Overview of managed Prometheus agent

Used by actions: DescribePrometheusClusterAgents.

Name	Type	Description
ClusterType	String	Cluster type
ClusterId	String	Cluster ID

Status	String	Agent status. Valid values:
		`normal`
		`abnormal`

ClusterName	String	Cluster name
ExternalLabels	Array of Label	External labels External labels, which will be attached to all metrics in this cluster Note: This field may return null, indicating that no valid values can be obtained.
Region	String	Cluster region Note: This field may return null, indicating that no valid values can be obtained.
VpcId	String	ID of the VPC where the cluster resides Note: This field may return null, indicating that no valid values can be obtained.
FailedReason	String	Recorded information of failed operations, such as association. Note: This field may return null, indicating that no valid values can be obtained.
Name	String	Agent name

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		Note: This field may return null, indicating that no valid values can be obtained.

PrometheusAlertManagerConfig

Self-built AlertManager configuration used by the alert channel

Used by actions: CreatePrometheusAlertPolicy, CreatePrometheusGlobalNotification, DescribePrometheusAlertPolicy, DescribePrometheusGlobalNotification, ModifyPrometheusAlertPolicy, ModifyPrometheusGlobalNotification, ModifyPrometheusTemp.

Name	Type	Required	Description
Url	String	Yes	AlertManager URL
ClusterType	String	No	Type of the cluster where AlertManager is deployed Note: This field may return null, indicating that no valid values can be obtained.
ClusterId	String	No	ID of the cluster where AlertManager is deployed Note: This field may return null, indicating that no valid values can be obtained.

PrometheusAlertPolicyItem

TMP alerting rule instance

Used by actions: CreatePrometheusAlertPolicy, CreatePrometheusTemp, DescribePrometheusAlertPolicy, DescribePrometheusTemp, ModifyPrometheusAlertPolicy, ModifyPrometheusTemp.

Name	Type	Required	Description
Name	String	Yes	Rule name
Rules	Array of PrometheusAlertRule	Yes	List of rules
Id	String	No	Alerting rule ID Note: This field may return null, indicating that no valid values can be obtained.
TemplateId	String	No	If the alert comes from a template, `TemplateId` is the template ID.

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			Note: This field may return null, indicating that no valid values can be obtained.
Notification	PrometheusNotificationItem	No	Alert channel, which may be returned as null if used in a template. Note: This field may return null, indicating that no valid values can be obtained.
UpdatedAt	String	No	Last modification time Note: This field may return null, indicating that no valid values can be obtained.
ClusterId	String	No	If the alerting rule comes from the user cluster CRD resource definition, `ClusterId` is the cluster ID. Note: This field may return null, indicating that no valid values can be obtained.

PrometheusAlertRule

Prometheus alerting rule

Used by actions: CreatePrometheusAlertPolicy, DescribePrometheusAlertPolicy, ModifyPrometheusAlertPolicy, ModifyPrometheusTemp.

Name	Type	Required	Description
Name	String	Yes	Rule name
Rule	String	Yes	Prometheus statement
Labels	Array of Label	Yes	Additional tags
Template	String	Yes	Alert sending template
For	String	Yes	Duration
Describe	String	No	Rule description Note: This field may return null, indicating that no valid values can be obtained.
Annotations	Array of Label	No	See `annotations` in the Prometheus rule Note: This field may return null, indicating that no valid values can be obtained.

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RuleState	Integer	No	Alerting rule status Note: This field may return null, indicating that no valid values can be obtained.

PrometheusClusterAgentBasic

Basic information of the cluster associated with a Tencent Cloud Observability Platform (TCOP)-integrated TMP instance.

Used by actions: CreatePrometheusClusterAgent.

Name	Type	Required	Description
Region	String	Yes	Cluster ID
ClusterType	String	Yes	Cluster type
ClusterId	String	Yes	Cluster ID
EnableExternal	Boolean	Yes	Whether to enable public network CLB
InClusterPodConfig	PrometheusClusterAgentPodConfig	No	Pod configurations of components deployed in the cluster
ExternalLabels	Array of Label	No	External labels, which will be attached to all metrics collected by this cluster
NotInstallBasicScrape	Boolean	No	Whether to install the default collection configuration.
NotScrape	Boolean	No	Whether to collect metrics (`true` : Drop all metrics; `false` : Collect default metrics)
OpenDefaultRecord	Boolean	No	Whether to enable the default recording rule

PrometheusClusterAgentPodConfig

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Additional pod configurations of the components deployed in the cluster when a cluster is associated

Used by actions: CreatePrometheusClusterAgent.

Name	Type	Required	Description
HostNet	Boolean	No	Whether to use HostNetWork
NodeSelector	Array of Label	No	A parameter used to specify the running nodes for a pod
Tolerations	Array of Toleration	No	Tolerable taints

PrometheusConfigItem

Prometheus configuration

Used by actions: CreatePrometheusConfig, CreatePrometheusTemp, DescribePrometheusConfig, DescribePrometheusGlobalConfig, DescribePrometheusTemp, ModifyPrometheusConfig, ModifyPrometheusTemp.

Name	Type	Required	Description
Name	String	Yes	Name
Config	String	Yes	Configuration content
TemplateId	String	No	If the configuration comes from a template, this parameter is the template ID, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.
Targets	Targets	No	Number of targets Note: This field may return null, indicating that no valid values can be obtained.

PrometheusInstanceGrantInfo

Instance authorization information

Used by actions: DescribePrometheusInstances.

Name	Type	Description
HasChargeOperation	Integer	Whether there is permission to operate on the billing information. Valid

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		values: 1 (yes), 2 (no).
HasVpcDisplay	Integer	Whether there is permission to display the VPC information. Valid values: 1 (yes), 2 (no).
HasGrafanaStatusChange	Integer	Whether there is permission to change the Grafana status. Valid values: 1 (yes), 2 (no).
HasAgentManage	Integer	Whether there is permission to manage agents. Valid values: 1 (yes), 2 (no).
HasTkeManage	Integer	Whether there is permission to manage TKE integrations. Valid values: 1 (yes), 2 (no).
HasApiOperation	Integer	Whether there is permission to display the API information. Valid values: 1 (yes), 2 (no).

PrometheusInstanceTenantUsage

TMP usage information

Used by actions: DescribePrometheusInstanceUsage.

Name	Type	Description
InstanceId	String	Instance ID Note: This field may return null, indicating that no valid values can be obtained.
CalcDate	String	Billing cycle Note: This field may return null, indicating that no valid values can be obtained.
Total	Float	Total usage Note: This field may return null, indicating that no valid values can be obtained.
Basic	Float	Usage of basic (free) metrics Note: This field may return null, indicating that no valid values can be obtained.
Fee	Float	Usage of paid metrics Note: This field may return null, indicating that no valid values can be obtained.

PrometheusInstancesItem

Prometheus service response body

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Used by actions: DescribePrometheusInstances.

Name	Type	Description
InstanceId	String	Instance ID.
InstanceName	String	Instance name.
InstanceChargeType	Integer	Instance billing mode. Valid values: • 2: Monthly subscription • 3: Pay-as-you-go
RegionId	Integer	Region ID
Zone	String	AZ
VpcId	String	VPC ID
SubnetId	String	Subnet ID
DataRetentionTime	Integer	Storage period Note: This field may return null, indicating that no valid values can be obtained.
InstanceStatus	Integer	Instance status. Valid values: • 1: Creating • 2: Running • 3: Abnormal • 4: Rebooting • 5: Terminating • 6: Service suspended • 8: Suspending service for overdue payment • 9: Service suspended for overdue payment
GrafanaURL	String	Grafana dashboard URL Note: This field may return null, indicating that no valid values can be obtained.
CreatedAt	String	Creation time
EnableGrafana	Integer	Whether Grafana is enabled

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		• 0: Disabled • 1: Enabled
IPv4Address	String	Instance IPv4 address Note: This field may return null, indicating that no valid values can be obtained.
TagSpecification	Array of PrometheusTag	List of tags associated with the instance. Note: This field may return null, indicating that no valid values can be obtained.
ExpireTime	String	Expiration time of the purchased instance Note: This field may return null, indicating that no valid values can be obtained.
ChargeStatus	Integer	Billing status • 1: Normal • 2: Expired • 3: Terminated • 4: Assigning • 5: Assignment failed Note: This field may return null, indicating that no valid values can be obtained.
SpecName	String	Specification name Note: This field may return null, indicating that no valid values can be obtained.
AutoRenewFlag	Integer	Auto-renewal flag • 0: Auto-renewal not enabled • 1: Auto-renewal enabled • 2: Auto-renewal prohibited • -1: Invalid Note: This field may return null, indicating that no valid values can be obtained.
IsNearExpire	Integer	Expiring soon • 0: No

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		• 1: Yes Note: This field may return null, indicating that no valid values can be obtained.
AuthToken	String	The token required for data writing Note: This field may return null, indicating that no valid values can be obtained.
RemoteWrite	String	Prometheus remote write address Note: This field may return null, indicating that no valid values can be obtained.
ApiRootPath	String	Prometheus HTTP API root address Note: This field may return null, indicating that no valid values can be obtained.
ProxyAddress	String	Proxy address Note: This field may return null, indicating that no valid values can be obtained.
GrafanaStatus	Integer	Grafana status • 1: Creating • 2: Running • 3: Abnormal • 4: Restarting • 5: Terminating • 6: Service suspended • 7: Deleted Note: This field may return null, indicating that no valid values can be obtained.
GrafanaIpWhiteList	String	Grafana IP allowlist, where IPs are separated by comma. Note: This field may return null, indicating that no valid values can be obtained.
Grant	PrometheusInstanceGrantInfo	Instance authorization information Note: This field may return null, indicating that no valid values can be obtained.

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GrafanaInstanceId	String	ID of the bound Grafana instance Note: This field may return null, indicating that no valid values can be obtained.
AlertRuleLimit	Integer	The alert rule limit Note: This field may return null, indicating that no valid values can be obtained.
RecordingRuleLimit	Integer	The recording rule limit Note: This field may return null, indicating that no valid values can be obtained.
MigrationType	Integer	Migration status. 0: Not migrating; 1: Migrating from source instance; 2: Migrating to target instance. Note: This field may return null, indicating that no valid values can be obtained.

PrometheusInstancesOverview

TMP v2 instance overview

Used by actions: DescribePrometheusInstancesOverview.

Name	Type	Description
InstanceId	String	Instance ID
InstanceName	String	Instance name
VpcId	String	VPC ID
SubnetId	String	Subnet ID
InstanceStatus	Integer	Running status. Valid values: `1` (creating); `2` (running); `3` (abnormal); `4` (restarting); `5` (terminating); `6` (stopped); `7` (deleted).
ChargeStatus	Integer	Billing status. Valid values: `1` (normal); `2` (expired); `3` (terminated); `4` (assigning); `5` (failed to assign) Note: This field may return null, indicating that no valid values can be obtained.
EnableGrafana	Integer	Whether Grafana is enabled. Valid values: `0` (no); `1` (yes).
GrafanaURL	String	Grafana dashboard URL

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		Note: This field may return null, indicating that no valid values can be obtained.
InstanceChargeType	Integer	Instance payment type. Valid values: `1` (trial edition); `2` (prepaid)
SpecName	String	Specification name Note: This field may return null, indicating that no valid values can be obtained.
DataRetentionTime	Integer	Storage period Note: This field may return null, indicating that no valid values can be obtained.
ExpireTime	String	Expiration time of the purchased instance Note: This field may return null, indicating that no valid values can be obtained.
AutoRenewFlag	Integer	Auto-renewal flag. Valid values: `0` (auto-renewal not enabled); `1` (auto-renewal enabled); `2` (auto-renewal prohibited); `-1` (invalid). Note: This field may return null, indicating that no valid values can be obtained.
BoundTotal	Integer	Total number of bound clusters
BoundNormal	Integer	Total number of bound clusters in the normal status
ResourcePackageStatus	Integer	Resource pack status (`0` : Unavailable; `1` : Available) Note: This field may return null, indicating that no valid values can be obtained.
ResourcePackageSpecName	String	Resource pack specification name Note: This field may return null, indicating that no valid values can be obtained.

PrometheusJobTargets

Targets of a Prometheus job

Used by actions: DescribePrometheusTargetsTMP.

Name	Type	Description

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PrometheusNotificationItem

Alert notification channel configuration

Used by actions: CreatePrometheusAlertPolicy, CreatePrometheusGlobalNotification, DescribePrometheusAlertPolicy, DescribePrometheusGlobalNotification, ModifyPrometheusAlertPolicy, ModifyPrometheusGlobalNotification, ModifyPrometheusTemp.

Name	Type	Required	Description
Enabled	Boolean	Yes	Whether it is enabled

Type	String	Yes	Channel type. Default value: `amp` .
			Valid values:
			`amp`
			`webhook`
			`alertmanager`

WebHook	String	No	If `Type` is `webhook` , this field is required. Note: This field may return null, indicating that no valid values can be obtained.
AlertManager	PrometheusAlertManagerConfig	No	If `Type` is `alertmanager` , this field is required. Note: This field may return null, indicating that no valid values can be obtained.
RepeatInterval	String	No	Convergence time
TimeRangeStart	String	No	Effect start time
TimeRangeEnd	String	No	Effect end time
NotifyWay	Array of String	No	Alert notification channel. Valid values: `SMS` , `EMAIL` , `CALL` , `WECHAT` . Note: This field may return null, indicating that no valid values can be obtained.
ReceiverGroups	Array of String	No	Alert recipient group (user group) Note: This field may return null,

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			indicating that no valid values can be obtained.
PhoneNotifyOrder	Array of Integer	No	Alert call sequence. Note: If `NotifyWay` is `CALL`, this parameter will be used. Note: This field may return null, indicating that no valid values can be obtained.
PhoneCircleTimes	Integer	No	Number of alert calls. Note: If `NotifyWay` is `CALL`, this parameter will be used. Note: This field may return null, indicating that no valid values can be obtained.
PhoneInnerInterval	Integer	No	Alert call interval within a cycle in seconds. Note: If `NotifyWay` is `CALL`, this parameter will be used. Note: This field may return null, indicating that no valid values can be obtained.
PhoneCircleInterval	Integer	No	Alert call cycle interval in seconds. Note: If `NotifyWay` is `CALL`, this parameter will be used. Note: This field may return null, indicating that no valid values can be obtained.
PhoneArriveNotice	Boolean	No	Alert call receipt notification Note: If `NotifyWay` is `CALL`, this parameter will be used. Note: This field may return null, indicating that no valid values can be obtained.

PrometheusRecordRuleYamlItem

Details of the Prometheus recording rule instance, including the cluster ID.

Used by actions: DescribePrometheusRecordRules.

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Name	Type	Description
Name	String	Instance name
UpdateTime	String	Last update time
TemplateId	String	YAML content
Content	String	If the recording rule comes from a template, `TemplateId` is the template ID. Note: This field may return null, indicating that no valid values can be obtained.
ClusterId	String	If the recording rule comes from the user cluster CRD resource definition, `ClusterId` is the cluster ID. Note: This field may return null, indicating that no valid values can be obtained.
Status	Integer	Status Note: This field may return null, indicating that no valid values can be obtained.
Id	String	id Note: This field may return null, indicating that no valid values can be obtained.
Count	Integer	Number of rules Note: This field may return null, indicating that no valid values can be obtained.

PrometheusRuleKV

KV parameter of the Prometheus alerting rule

Used by actions: CreateAlertRule, DescribeAlertRules, UpdateAlertRule.

Name	Type	Required	Description
Key	String	Yes	Key
Value	String	Yes	Value

PrometheusRuleSet

Set of Prometheus alerting rules

Used by actions: DescribeAlertRules.

Name	Type	Description

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RuleId	String	Rule ID
RuleName	String	Rule name
RuleState	Integer	Rule status code
Type	String	Rule category Note: This field may return null, indicating that no valid values can be obtained.
Labels	Array of PrometheusRuleKV	List of rule tags Note: This field may return null, indicating that no valid values can be obtained.
Annotations	Array of PrometheusRuleKV	List of rule annotations Note: This field may return null, indicating that no valid values can be obtained.
Expr	String	Rule expression Note: This field may return null, indicating that no valid values can be obtained.
Duration	String	Rule alert duration Note: This field may return null, indicating that no valid values can be obtained.
Receivers	Array of String	List of alert recipient groups Note: This field may return null, indicating that no valid values can be obtained.
Health	String	Rule status. Valid values: • unknown: Unknown • pending: Loading • ok: Running • err: Error
CreatedAt	String	Rule creation time Note: This field may return null, indicating that no valid values can be obtained.
UpdatedAt	String	Rule update time Note: This field may return null, indicating that no valid values can be obtained.

PrometheusScrapeJob

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Prometheus scrape task

Used by actions: DescribePrometheusScrapeJobs.

Name	Type	Description
Name	String	Task name Note: This field may return null, indicating that no valid values can be obtained.
AgentId	String	Agent ID
JobId	String	Task ID
Config	String	Configuration Note: This field may return null, indicating that no valid values can be obtained.

PrometheusTag

TMP tag

Used by actions: CreateGrafanaInstance, CreatePrometheusMultiTenantInstancePostPayMode, DescribeGrafanaInstances, DescribePrometheusInstances.

Name	Type	Required	Description
Key	String	Yes	Tag key
Value	String	Yes	Tag value Note: This field may return null, indicating that no valid values can be obtained.

PrometheusTemp

Template instance

Used by actions: CreatePrometheusTemp, DescribePrometheusTemp.

Name	Type	Required	Description
Name	String	Yes	Template name

Level	String	Yes	Template dimension. Valid values:
			`instance`
			`cluster`

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Describe	String	No	Template description Note: This field may return null, indicating that no valid values can be obtained.
RecordRules	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `instance`. List of recording rules in the template Note: This field may return null, indicating that no valid values can be obtained.
ServiceMonitors	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `cluster`. List of ServiceMonitor rules in the template. Note: This field may return null, indicating that no valid values can be obtained.
PodMonitors	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `cluster`. List of PodMonitor rules in the template. Note: This field may return null, indicating that no valid values can be obtained.
RawJobs	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `cluster`. List of RawJob rules in the template. Note: This field may return null, indicating that no valid values can be obtained.
TemplateId	String	No	Template ID, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.
UpdateTime	String	No	Last update time, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.
Version	String	No	The current version, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.
IsDefault	Boolean	No	Whether it is the default template provided by the system, which is used as an output parameter.

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			Note: This field may return null, indicating that no valid values can be obtained.
AlertDetailRules	Array of PrometheusAlertPolicyItem	No	This parameter is valid if `Level` is `instance`. List of alert configurations in the template Note: This field may return null, indicating that no valid values can be obtained.
TargetsTotal	Integer	No	Number of associated instances Note: This field may return null, indicating that no valid values can be obtained.

PrometheusTempModify

Modifiable items in the TMP template

Used by actions: ModifyPrometheusTemp.

Name	Type	Required	Description
Name	String	No	Name
Describe	String	No	Description Note: This field may return null, indicating that no valid values can be obtained.
ServiceMonitors	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `cluster`. List of ServiceMonitor rules in the template. Note: This field may return null, indicating that no valid values can be obtained.
PodMonitors	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `cluster`. List of PodMonitor rules in the template. Note: This field may return null, indicating that no valid values can be obtained.
RawJobs	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `cluster`. List of RawJob rules in the template. Note: This field may return null, indicating that no valid values can be obtained.

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RecordRules	Array of PrometheusConfigItem	No	This parameter is valid if `Level` is `instance`. List of recording rules in the template Note: This field may return null, indicating that no valid values can be obtained.
AlertDetailRules	Array of PrometheusAlertPolicyItem	No	Modification content, which is valid only if template type is `Alert`. Note: This field may return null, indicating that no valid values can be obtained.

PrometheusTemplateSyncTarget

Sync target of the TMP template

Used by actions: DeletePrometheusTempSync, DescribePrometheusTempSync, SyncPrometheusTemp.

Name	Type	Required	Description
Region	String	Yes	Target region
InstanceId	String	Yes	Target instance
ClusterId	String	No	Cluster ID, which is required only if the `Level` of the collection template is `cluster`. Note: This field may return null, indicating that no valid values can be obtained.
SyncTime	String	No	Last sync time, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.
Version	String	No	The currently used template version, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.
ClusterType	String	No	Cluster type, which is required only if the `Level` of the collection template is `cluster`. Note: This field may return null, indicating that no valid values can be obtained.
InstanceName	String	No	Instance name, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.

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ClusterName	String	No	Cluster name, which is used as an output parameter. Note: This field may return null, indicating that no valid values can be obtained.

PrometheusZoneItem

Region information returned by `PrometheusZoneItem`

Used by actions: DescribePrometheusZones.

Name	Type	Description
Zone	String	AZ
ZoneId	Integer	AZ ID
ZoneState	Integer	AZ status. Valid values: `0` (Unavailable), `1` (Available).
RegionId	Integer	Region ID
ZoneName	String	AZ name

ReceiverInfo

Recipient information.

Used by actions: ModifyAlarmReceivers.

Name	Type	Required	Description
StartTime	Integer	Yes	Start time of the alarm period. Value range: [0,86400). Convert the Unix timestamp to Beijing time and then remove the date. For example, 7200 indicates “10:0:0”.
EndTime	Integer	Yes	End time of the alarm period. The meaning is the same as that of StartTime.
NotifyWay	Array of String	Yes	Alarm notification method. Valid values: "SMS", "SITE", "EMAIL", "CALL", and "WECHAT".
ReceiverType	String	Yes	Recipient type. Valid values: group and user.

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Id	Integer	No	ReceiverId
SendFor	Array of String	No	Alarm call notification time. Valid values: OCCUR (indicating that a notice is sent when the alarm is triggered) and RECOVER (indicating that a notice is sent when the alarm is recovered).
UidList	Array of Integer	No	UID of the phone call alarm.
RoundNumber	Integer	No	Number of alarm call rounds.
PersonInterval	Integer	No	Alarm call intervals for individuals in seconds.
RoundInterval	Integer	No	Intervals of alarm call rounds in seconds.
RecoverNotify	Array of String	No	Notification method when an alarm is recovered. Valid value: SMS.
NeedSendNotice	Integer	No	Whether to send an alarm call delivery notice. The value 0 indicates that no notice needs to be sent. The value 1 indicates that a notice needs to be sent.
ReceiverGroupList	Array of Integer	No	Recipient group list. The list of recipient group IDs that is queried by API.
ReceiverUserList	Array of Integer	No	Recipient list. The list of recipient IDs that is queried by API.
ReceiveLanguage	String	No	Language of received alarms. Enumerated values: zh-CN and en-US.

RecordingRuleSet

Response structure information of the Prometheus recording rule

Used by actions: DescribeRecordingRules.

Name	Type	Description
RuleId	String	Rule ID
RuleState	Integer	Rule status code

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Name	String	Group name
Group	String	Rule group
Total	Integer	Number of rules
CreatedAt	String	Rule creation time
UpdatedAt	String	Rule update time
RuleName	String	Rule name Note: This field may return null, indicating that no valid values can be obtained.

ServiceDiscoveryItem

Prometheus scrape configuration information

Used by actions: CreateServiceDiscovery, DescribeServiceDiscovery.

Name	Type	Description
Name	String	Scrape configuration name
Namespace	String	Namespace of the scrape configuration
Kind	String	Scrape configuration type: ServiceMonitor/PodMonitor
NamespaceSelector	String	Namespace selection method Note: This field may return null, indicating that no valid values can be obtained.
Selector	String	Label selection method Note: This field may return null, indicating that no valid values can be obtained.
Endpoints	String	`Endpoints` information (PodMonitor does not have this parameter)
Yaml	String	Scrape configuration information Note: This field may return null, indicating that no valid values can be obtained.

Tag

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Tag

Used by actions: CreateAlarmNotice, CreateAlarmPolicy, DescribeAlarmNotice, DescribeAlarmNotices, DescribeAlarmPolicies, DescribeAlarmPolicy.

Name	Type	Required	Description
Key	String	Yes	Tag key
Value	String	Yes	Tag value

TagInstance

Instance tag information of the alarm policy

Used by actions: DescribeAlarmPolicies, DescribeAlarmPolicy.

Name	Type	Description
Key	String	Tag key Note: This field may return `null` , indicating that no valid values can be obtained.
Value	String	Tag value Note: This field may return `null` , indicating that no valid values can be obtained.
InstanceSum	Integer	Number of instances Note: This field may return `null` , indicating that no valid values can be obtained.
ServiceType	String	Service type, for example, CVM Note: This field may return `null` , indicating that no valid values can be obtained.
RegionId	String	Region ID Note: This field may return `null` , indicating that no valid values can be obtained.
BindingStatus	Integer	Binding status. 2: bound; 1: binding Note: This field may return `null` , indicating that no valid values can be obtained.
TagStatus	Integer	Tag status. 2: existent; 1: nonexistent Note: This field may return `null` , indicating that no valid values can be

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		obtained.

Targets

Number of scrape targets

Used by actions: CreatePrometheusConfig, DescribePrometheusConfig, DescribePrometheusGlobalConfig, ModifyPrometheusConfig, ModifyPrometheusTemp.

Name	Type	Required	Description
Total	Integer	No	The total count Note: This field may return null, indicating that no valid values can be obtained.
Up	Integer	No	Number of online targets Note: This field may return null, indicating that no valid values can be obtained.
Down	Integer	No	Number of offline targets Note: This field may return null, indicating that no valid values can be obtained.
Unknown	Integer	No	Number of unknown status Note: This field may return null, indicating that no valid values can be obtained.

TaskStepInfo

Task step information

Used by actions: DescribePrometheusInstanceInitStatus.

Name	Type	Description
Step	String	Step name

LifeState	String	Lifecycle
		`pending`
		`running`
		`success`
		`failed`

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StartAt	String	Step start time Note: This field may return null, indicating that no valid values can be obtained.
EndAt	String	Step end time Note: This field may return null, indicating that no valid values can be obtained.
FailedMsg	String	If `LifeState` is `failed` , this field displays the error message. Note: This field may return null, indicating that no valid values can be obtained.

TemplateGroup

Template list

Used by actions: DescribeConditionsTemplateList.

Name	Type	Description
Conditions	Array of Condition	Metric alarm rules. Note: This field may return `null` , indicating that no valid values can be obtained.
EventConditions	Array of EventCondition	Event alarm rules. Note: This field may return `null` , indicating that no valid values can be obtained.
PolicyGroups	Array of PolicyGroup	The associated alarm policy groups. Note: This field may return `null` , indicating that no valid values can be obtained.
GroupID	Integer	Template-based policy group ID.
GroupName	String	Template-based policy group name.
InsertTime	Integer	Creation time.
LastEditUin	Integer	UIN of the last modifier.
Remark	String	Remarks.
UpdateTime	Integer	Update time.
ViewName	String	View.
IsUnionRule	Integer	Whether the logical relationship between rules is AND.

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Toleration

Kubernetes taint

Used by actions: CreatePrometheusClusterAgent.

Name	Type	Required	Description
Key	String	No	Key of the taint to which the toleration is applied
Operator	String	No	The key-value relationship
Effect	String	No	The taint effect to be matched

URLNotice

Alarm notification template – callback notification details

Used by actions: CreateAlarmNotice, DescribeAlarmNotice, DescribeAlarmNoticeCallbacks, DescribeAlarmNotices, ModifyAlarmNotice.

Name	Type	Required	Description
URL	String	Yes	Callback URL, which can contain up to 256 characters Note: this field may return null, indicating that no valid values can be obtained.
IsValid	Integer	No	Whether verification is passed. Valid values: 0 (no), 1 (yes) Note: this field may return null, indicating that no valid values can be obtained.
ValidationCode	String	No	Verification code Note: this field may return null, indicating that no valid values can be obtained.
StartTime	Integer	No	Start time of the notification in seconds, which is calculated from 00:00:00. Note: this field may return `null` , indicating that no valid values can be obtained.
EndTime	Integer	No	End time of the notification in seconds, which is calculated from 00:00:00. Note: this field may return `null` , indicating that no valid values can be obtained.

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Weekday	Array of Integer	No	Notification cycle. The values 1-7 indicate Monday to Sunday. Note: This field may return `null` , indicating that no valid values can be obtained.

UserNotice

Alarm notification template - user notification details

Used by actions: CreateAlarmNotice, DescribeAlarmNotice, DescribeAlarmNotices, ModifyAlarmNotice.

Name	Type	Required	Description
ReceiverType	String	Yes	Recipient type. Valid values: USER (user), GROUP (user group) Note: this field may return null, indicating that no valid values can be obtained.
StartTime	Integer	Yes	Notification start time, which is expressed by the number of seconds since 00:00:00. Value range: 0-86399 Note: this field may return null, indicating that no valid values can be obtained.
EndTime	Integer	Yes	Notification end time, which is expressed by the number of seconds since 00:00:00. Value range: 0-86399 Note: this field may return null, indicating that no valid values can be obtained.
NoticeWay	Array of String	Yes	Notification channel list. Valid values: `EMAIL` (email), `SMS` (SMS), `CALL` (phone), `WECHAT` (WeChat), `RTX` (WeCom) Note: This field may return `null` , indicating that no valid values can be obtained.
UserIds	Array of Integer	No	User `uid` list Note: this field may return null, indicating that no valid values can be obtained.
GroupIds	Array of Integer	No	User group ID list Note: this field may return null, indicating that no valid values can be obtained.
PhoneOrder	Array of Integer	No	Phone polling list Note: this field may return null, indicating that no valid values can be obtained.

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PhoneCircleTimes	Integer	No	Number of phone pollings. Value range: 1-5 Note: this field may return null, indicating that no valid values can be obtained.
PhoneInnerInterval	Integer	No	Call interval in seconds within one polling. Value range: 60-900 Note: this field may return null, indicating that no valid values can be obtained.
PhoneCircleInterval	Integer	No	Polling interval in seconds. Value range: 60-900 Note: this field may return null, indicating that no valid values can be obtained.
NeedPhoneArriveNotice	Integer	No	Whether receipt notification is required. Valid values: 0 (no), 1 (yes) Note: this field may return null, indicating that no valid values can be obtained.
PhoneCallType	String	No	Dial type. `SYNC` (simultaneous dial), `CIRCLE` (polled dial). Default value: `CIRCLE` . Note: This field may return `null` , indicating that no valid values can be obtained.
Weekday	Array of Integer	No	Notification cycle. The values 1-7 indicate Monday to Sunday. Note: This field may return `null` , indicating that no valid values can be obtained.
OnCallFormIDs	Array of String	No	List of schedule IDs Note: This field may return null, indicating that no valid values can be obtained.

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Error Codes

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Feature Description

If there is an Error field in the response, it means that the API call failed. For example:

```
{
"Response": {
"Error": {
"Code": "AuthFailure.SignatureFailure",
"Message": "The provided credentials could not be validated. Please check your si
gnature is correct."
},
"RequestId": "ed93f3cb-f35e-473f-b9f3-0d451b8b79c6"
}
}
```

Code in Error indicates the error code, and Message indicates the specific information of the error.

Error Code List

Common Error Codes

Error Code	Description
ActionOffline	This API has been deprecated.
AuthFailure.InvalidAuthorization	`Authorization` in the request header is invalid.
AuthFailure.InvalidSecretId	Invalid key (not a TencentCloud API key type).
AuthFailure.MFAFailure	MFA failed.
AuthFailure.SecretIdNotFound	Key does not exist. Check if the key has been deleted or disabled in the console, and if not, check if the key is correctly entered. Note that whitespaces should not exist before or after the key.
AuthFailure.SignatureExpire	Signature expired. Timestamp and server time cannot differ by more than five minutes. Please

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	ensure your current local time matches the standard time.
AuthFailure.SignatureFailure	Invalid signature. Signature calculation error. Please ensure you've followed the signature calculation process described in the Signature API documentation.
AuthFailure.TokenFailure	Token error.
AuthFailure.UnauthorizedOperation	The request is not authorized. For more information, see the CAM documentation.
DryRunOperation	DryRun Operation. It means that the request would have succeeded, but the DryRun parameter was used.
FailedOperation	Operation failed.
InternalError	Internal error.
InvalidAction	The API does not exist.
InvalidParameter	Incorrect parameter.
InvalidParameterValue	Invalid parameter value.
InvalidRequest	The multipart format of the request body is incorrect.
IpInBlacklist	Your IP is in uin IP blacklist.
IpNotInWhitelist	Your IP is not in uin IP whitelist.
LimitExceeded	Quota limit exceeded.
MissingParameter	A parameter is missing.
NoSuchProduct	The product does not exist.
NoSuchVersion	The API version does not exist.
RequestLimitExceeded	The number of requests exceeds the frequency limit.
RequestLimitExceeded.GlobalRegionUinLimitExceeded	Uin exceeds the frequency limit.
RequestLimitExceeded.IPLimitExceeded	The number of ip requests exceeds the frequency limit.
RequestLimitExceeded.UinLimitExceeded	The number of uin requests exceeds the frequency

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	limit.
RequestSizeLimitExceeded	The request size exceeds the upper limit.
ResourceInUse	Resource is in use.
ResourceInsufficient	Insufficient resource.
ResourceNotFound	The resource does not exist.
ResourceUnavailable	Resource is unavailable.
ResponseSizeLimitExceeded	The response size exceeds the upper limit.
ServiceUnavailable	Service is unavailable now.
UnauthorizedOperation	Unauthorized operation.
UnknownParameter	Unknown parameter.
UnsupportedOperation	Unsupported operation.
UnsupportedProtocol	HTTP(S) request protocol error; only GET and POST requests are supported.
UnsupportedRegion	API does not support the requested region.

Service Error Codes

Error Code	Description
AuthFailure	Error with CAM signature/authentication.
AuthFailure.AccessCAMFail	Access authentication failed.
FailedOperation.AccessSTSFail	Failed to access STS.
FailedOperation.AccessTKEFail	Failed to access the TKE cluster.
FailedOperation.AccessTagFail	Failed to access the tag service.
FailedOperation.AgentNotAllowed	For the agent in this status, the operation is not allowed.
FailedOperation.AgentVersionNotSupported	The agent version does not support this operation. Upgrade the agent.
FailedOperation.AgentsNotInUninstallStage	There are agents running on this instance.
FailedOperation.AlertFilterRuleDeleteFailed	Failed to delete the filter rule.

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FailedOperation.AlertPolicyCreateFailed	Failed to create the alarm policy.
FailedOperation.AlertPolicyDeleteFailed	Failed to delete the alarm policy.
FailedOperation.AlertPolicyDescribeFailed	Failed to query the alarm policy.
FailedOperation.AlertPolicyModifyFailed	Failed to modify the alarm policy.
FailedOperation.AlertTriggerRuleDeleteFailed	Failed to delete the trigger condition.
FailedOperation.BadYamlFormat	The YAML format is incorrect.
FailedOperation.ComponentClientCommon	FailedOperation.ComponentClientCommon
FailedOperation.ComponentClientHttp	FailedOperation.ComponentClientHttp
FailedOperation.ComponentClientUnpack	FailedOperation.ComponentClientUnpack
FailedOperation.CreateInstance	Failed to create the instance.
FailedOperation.CreateInstanceLimited	This account is not allowed to create instances.
FailedOperation.DataColumnNotFound	The data table field doesn't exist.
FailedOperation.DataQueryFailed	Failed to query the data.
FailedOperation.DataTableNotFound	The data table doesn't exist.
FailedOperation.Db	FailedOperation.Db
FailedOperation.DbQueryFailed	Failed to query the database.
FailedOperation.DbRecordCreateFailed	Failed to create the database record.
FailedOperation.DbRecordDeleteFailed	Failed to delete the database record.
FailedOperation.DbRecordNotFound	FailedOperation.DbRecordNotFound
FailedOperation.DbRecordUpdateFailed	Failed to update the database record.
FailedOperation.DbTransactionBeginFailed	Failed to start the database transaction.
FailedOperation.DbTransactionCommitFailed	Failed to submit the database transaction.
FailedOperation.DimQueryRequestFailed	Failed to query the service in the request dimension.
FailedOperation.DivisionByZero	The dividend is zero.
FailedOperation.DoHTTPTransferFailed	Backend service timed out.

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FailedOperation.DoTRPCTransferFailed	DoTRPCTransferFailed
FailedOperation.DruidQueryFailed	Failed to query analysis data.
FailedOperation.DruidTableNotFound	The druid table does not exist.
FailedOperation.DuplicateName	The name already exists.
FailedOperation.ErrNotOpen	You have not enabled pay-as-you-go billing for API requests.
FailedOperation.ErrOwed	You have overdue payments.
FailedOperation.GenerateInstanceIDFailed	An error occurred while generating the resource ID.
FailedOperation.InstanceNotFound	The instance does not exist.
FailedOperation.InstanceNotRunning	The instance is not running.
FailedOperation.InternalError	Internal service error.
FailedOperation.KubeClientConf	FailedOperation.KubeClientConf
FailedOperation.KubeCommon	FailedOperation.KubeCommon
FailedOperation.RegionUnavailable	The region is unavailable.
FailedOperation.ResourceExist	The resource already exists.
FailedOperation.ResourceNotFound	The resource does not exist.
FailedOperation.ResourceOperating	The resource is being manipulated.
FailedOperation.SendRequest	Failed to send the authorization request.
FailedOperation.ServiceNotEnabled	The service is not enabled and can be used only after being enabled.
FailedOperation.TKEClientAuthFail	There is no access to TKE.
FailedOperation.TKEEndpointStatusError	The TKE endpoint is inaccessible.
FailedOperation.TKEResourceConflict	A conflict occurred while updating the TKE resource.
FailedOperation.ZoneUnavailable	The AZ is unavailable.
InternalError.CallbackFail	Error with the callback.
InternalError.Db	InternalError.Db
InternalError.DbRecordNotFound	InternalError.DbRecordNotFound

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InternalError.DependsApi	Error with another dependent API.
InternalError.DependsDb	Error with the dependent db.
InternalError.DependsMq	Error with the dependent mq.
InternalError.ExeTimeout	Execution timed out.
InternalError.Param	InternalError.Param
InternalError.System	System error.
InternalError.TaskNotFound	InternalError.TaskNotFound
InternalError.TaskResultFormat	An error occurred while parsing the task result.
InternalError.UnexpectedInternal	InternalError.UnexpectedInternal
InvalidParameter.ClusterNotFound	InvalidParameter.ClusterNotFound
InvalidParameter.DupTask	The task has already been submitted.
InvalidParameter.InvalidParameter	Invalid parameter.
InvalidParameter.InvalidParameterParam	Invalid parameter.
InvalidParameter.MissAKSK	The platform configuration is missing.
InvalidParameter.Param	InvalidParameter.Param
InvalidParameter.ParamError	Incorrect parameter.
InvalidParameter.PromClusterNotFound	InvalidParameter.PromClusterNotFound
InvalidParameter.PromInstanceNotFound	InvalidParameter.PromInstanceNotFound
InvalidParameter.ResourceNotFound	InvalidParameter.ResourceNotFound
InvalidParameter.SecretIdOrSecretKeyError	Error with the platform configuration.
InvalidParameter.UnsupportedProduct	This product doesn't support scan.
InvalidParameterValue.DashboardNameExists	The dashboard name already exists.
InvalidParameterValue.VersionMismatch	The version does not match.
LimitExceeded.MetricQuotaExceeded	Quota limit on metrics is reached. Requests containing unregistered metrics are prohibited.

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OperationDenied	Operation denied.
ResourceInUse.ResourceExistAlready	ResourceInUse.ResourceExistAlready
ResourceNotFound.NotExistTask	The task does not exist.
ResourcesSoldOut	The resources have been sold out.

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