

Event Bridge

Event

Product Documentation



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Event

Event Structure

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An event is a data record of a status change. This document describes the details of event parameters in EventBridge.

Event release from an event source to EventBridge needs to comply with CloudEvents specifications. For more information, please see [CloudEvents - Version 1.0](#).

Below is a sample structure of event release from an event source to EventBridge:

```
{
  "specversion": "1.0",
  "id": "13a3f42d-7258-4ada-da6d-023a333b4662",
  "type": "cos:created:object",
  "source": "cos.cloud.tencent",
  "subject": "qcs::cos:ap-guangzhou:uid1250000000:bucketname",
  "time": "1615430559146",
  "region": "ap-guangzhou",
  "datacontenttype": "application/json;charset=utf-8",
  "data": {
    $data_value
  }
}
```

The event parameters are as detailed below:

Field	Description	Data Type
specversion	Event structure version (CloudEvents version. Currently, only v1.0 is supported.)	String
id	ID returned by <code>PUT Event</code> .	String
type	Type of the event input through <code>PUT Event</code> . The value is <code>COS:Created:PostObject</code> by default for a Tencent Cloud service. Different types are separated with colons.	String
source	Event source (which is required for a Tencent Cloud service event and is the abbreviation of <code>subject</code>). The value is <code>xxx.cloud.tencent</code> by default for a Tencent Cloud service.	String

Field	Description	Data Type
subject	Event source details, which can be customized. QCS description such as <code>qcs::dts:ap-guangzhou:appid/uin:xxx</code> is used for a Tencent Cloud service by default.	String
time	Event time, which is a GMT+0 timestamp in milliseconds such as <code>1615430559146</code> .	Timestamp
datacontenttype	Data structure declaration.	String
region	Region information.	String
data	Details of the event input through <code>PUT Event</code> .	Json

There are two types of events published from event sources to EventBridge:

- **Tencent Cloud service event**

Tencent Cloud services are automatically connected to EventBridge as event sources.

- **Custom application event**

To use your application as an event source, you need to configure a connector and deliver events to applications supported by the connector, or use an API/SDK to connect to EventBridge.

Custom Event

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Overview

Events generated by your own applications are custom events. You can deliver custom events in either of the following ways:

- **Using event connectors:** A connector is mainly used to proactively pull events from event sources such as the message queue service and gateways and push them to a custom event bus in **standard format**. You can bind one or more connectors in the custom event bus to automatically pull event content from message queues and gateways and push the content to the specified custom event bus. For more connector information, see [here](#).

Directions

The process of creating a custom event delivery linkage is as follows:

1. [Create a custom event bus](#).
2. [Create event connectors](#).
3. [Create event rules](#).

Tencent Cloud Service Event Overview

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Note :

All Ops events such as alarms and auditing events generated by Tencent Cloud services will be delivered to the Tencent Cloud service event bus, which is the default event bus and cannot be modified or deleted. You can go to the EventBridge console to bind rules and targets to the Tencent Cloud service event bus to distribute Tencent Cloud service events.

Tencent Cloud Service Event Overview

Tencent Cloud service events include **Cloud Monitor events** (such as CVM kernel faults and OOM exceptions) and **CloudAudit events** (available soon) that are generated by Tencent Cloud services. The event content to deliver varies depending on the event type:

- **Cloud Monitor event**

```
{
  "specversion": "1.0",
  "id": "13a3f42d-7258-4ada-da6d-023a333b4662",
  "source": "${ProductName}.cloud.tencent",
  "type": "cvm:ErrorEvent:ping_unreachable",
  "subject": "${resource ID}",
  "time": 1615430559146,
  "region": "ap-guangzhou",
  "resource": [
    "qcs::eb:ap-guangzhou:uid125000000:eventbusid/eventruleid"
  ],
  "datacontenttype": "application/json;charset=utf-8",
  "tags": {
    "key1": "value1",
    "key2": "value2"
  },
  "status": "1",
  "data": {
    "appId": "1250000011",
    "instanceId": "ins-sjdksjk",
    "projectId": "11",
```

```
"dimensions":{
  "ip":"127.0.0.1"
},
"additionalMsg":{
  "IP":"something unnormal"
}
}
}
```

- **CloudAudit event**

```
{
  "specversion":"1.0",
  "id":"13a3f42d-7258-4ada-da6d-023a333b4662",
  "source":"${ProductName}.cloud.tencent",
  "type":"cvm:CloudEvent:ApiCall",
  "subject":"${resource ID}",
  "time": 1615430559146,
  "region":"ap-guangzhou",
  "resource":[
    "qcs::eb:ap-guangzhou:uid1250000000:eventbusid/eventruleid"
  ],
  "datacontenttype":"application/json;charset=utf-8",
  "tags":{
    "key1":"value1",
    "key2":"value2"
  },
  "data":{
    ${Raw API operation log}
  }
}
```

Supported Events

- [Cloud Monitor Event](#)
- [CloudAudit Event](#)

Best Practices

- [Real-Time Oceanus Alarm Message Push](#)
- [Automatic Backup and Restart of Exceptional CVM Instance](#)

Cloud Monitor Event

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Overview

Cloud Monitor events are collected from Tencent Cloud service modules and underlying infrastructure services. They are then aggregated, analyzed, condensed, and ultimately presented. Information sources are system logs and monitoring items under each module, which ensure the accuracy and value of the information passed through to customers.

Currently, [Tencent Cloud's Cloud Monitor](#) has been fully integrated into EventBridge. After you activate EventBridge, all Cloud Monitor events will be automatically delivered to the [Tencent Cloud service event bus](#).

Cloud Monitor Event Format

Taking a "ping unreachable" event generated by CVM as an example, the standard format for delivering the event to EventBridge is as follows:

```
{
  "specversion": "1.0",
  "id": "13a3f42d-7258-4ada-da6d-023a333b4662",
  "source": "${ProductName}.cloud.tencent",
  "type": "cvm:ErrorEvent:ping_unreachable",
  "subject": "${resource ID}",
  "time": 1615430559146,
  "region": "ap-guangzhou",
  "resource": [
    "qcs::eb:ap-guangzhou:uid125000000:eventbusid/eventruleid"
  ],
  "datacontenttype": "application/json;charset=utf-8",
  "tags": {
    "key1": "value1",
    "key2": "value2"
  },
  "status": "1",
  "data": {
    "appId": "1250000011",
    "instanceId": "ins-sjdkjsjk",
    "projectId": "11",
    "dimensions": {
```

```

"ip": "127.0.0.1"
},
"additionalMsg": {
  "IP": "something unnormal"
}
}
}
}

```

Cloud Monitor Event Source

Based on event information sources, causes, characteristics and forms, Cloud Monitor events are divided into two categories:

- Events generated by resource instances and products (such as CVM instances) that are purchased and used by customers in Tencent Cloud. These events are directly or indirectly triggered by customers during use. They belong to specific resource instances. Customers can control and manage them. Resource instances affected by and associated with events can be explicitly determined.
- Events generated by the underlying platform infrastructure and services that support Tencent Cloud services, such as Virtual Machine Manager (VMM) that supports CVM at the virtualization layer and the underlying physical machines, networks, and storage modules. These events are generated or caused by the infrastructure and services of Tencent Cloud, and are not the result of customer behavior. They belong to services. Customers cannot control events, which instead can only be handled by Tencent Cloud. Services or product modules affected by and associated with events can be determined, but the affected and associated resource instances cannot always be determined.

Event List

The following lists Cloud Monitor events generated by underlying platform infrastructure and services.

Event Type	Event	Cause	Impact
Problem	CVM storage problem	CVM infrastructure storage module	The I/O performance of the CVM instance decreases, and data read/write exceptions occur
Problem	CVM network connection problem	CVM infrastructure network	The speed of the CVM instance network slows down, or the network is disconnected

Event Type	Event	Cause	Impact
Problem	CVM running exception	CVM infrastructure	The CVM instance bears a high load or crashes, causing service unavailability

The following lists Cloud Monitor events generated by resource instances and products (such as CVM instances) that are purchased and used by customers in Tencent Cloud.

CVM

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Kernel failure	Guest Core Error	Exception	CVM instance	No	An OS kernel bug or driver issue causes a fatal error in the OS kernel	<ol style="list-style-type: none"> 1. Check whether any kernel driver modules are loaded into the system other than those provided by the kernel. Try not to load these modules and observe the operating status of the system. 2. View released bug reports of the kernel and OS, and try to upgrade the kernel. 3. By default, kdump is enabled for CVM. When a panic occurs, system memory dump information will be generated in the /var/crash directory. You can analyze it with the crash tool

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
OOM	Guest Oom	Exception	CVM instance	No	System memory usage is overloaded	<ol style="list-style-type: none">1. Check whether the memory capacity configured in the current system meets business requirements. If additional capacity is required, we recommend upgrading the CVM memory configuration.2. View processes that are killed during OOM based on system logs such as dmesg and /var/log/messages to check whether the memory used by processes is as expected. Use tools such as valgrind to analyze whether memory leakage occurs

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Ping failure	Ping Unreachable	Exception	CVM instance	Yes	The network of the CVM instance is not pingable	<ol style="list-style-type: none"> 1. Check whether the running status of the CVM instance is normal. If any exceptions occur (for example, the system crashes), force restart the CVM instance in the console to restore it. 2. If the CVM instance is running normally, check the CVM network configuration, including the internal network service, firewall, and security group configuration
Read-only disk	DiskReadonly	Exception	CVM instance	Yes	Data cannot be written into the disk	<ol style="list-style-type: none"> 1. Check whether the disk is full 2. In Linux, run the <code>df -i`</code> command to check whether inode is used up 3. Check whether the file system is damaged
Server restart	Guest Reboot	Status change	CVM instance	No	The CVM instance restarts	This event is triggered when the CVM instance restarts. Check whether the status change is as expected

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Packet loss caused by over-limit outbound internet bandwidth	PacketDroppedByQoS WAN OutBandwidth	Exception	CVM instance	Yes	The public network outbound bandwidth of the CVM instance exceeds the upper limit, causing packet loss. Packet loss caused by bandwidth glitches is not reflected in the bandwidth view because the minimum granularity for bandwidth statistics is 10 (total traffic in 10 seconds/10 seconds). If the constant bandwidth is not significantly exceeded, the event can be ignored	Increase the upper limit of the public network bandwidth. If the maximum purchase limit is reached, you can reduce the bandwidth consumption of the server through load balancing and other means

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
CVM nvme device error	Nvme Error	Exception	CVM instance	No	CVM NVMe disk failure	<ol style="list-style-type: none"> 1. Isolate the read/write of the disk and unmount the corresponding directory 2. Submit a ticket and wait for the technical personnel to replace the disk 3. After the disk is replaced, format the new disk before use
The instance has been restarted (host system error)	Guest Restarted_HostFailure	Status change	CVM instance	No	The CVM host is abnormal. The instance has been troubleshooted and restarted	Check whether the service is recovered. If so, you can ignore the event
Planned instance restart (maintenance of host system)	Guest Scheduled ToRes	Status change	CVM instance	No	The CVM host is abnormal and is being repaired	If your business has the disaster recovery capability, perform a primary-secondary switch and authorize maintenance in time

Cloud Load Balancer

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
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Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Blocked public IP	VipBlockInfo	Exception	CLB instance	Yes	The CLB public IP under attack is blocked after an exception is detected by the security system	Submit a ticket to query the specific blocking causes and unblocking solutions
Server port status has an exception	RsPort Status Change	Exception	Real server port	Yes	An exception is found at the real server port of the public network CLB instance during health check	View the service status of the real server port

VPN Gateway

Event	Event Name	Event Type	Dimension	Recoverable	Description	Solution and Suggestion
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Event	Event Name	Event Type	Dimension	Recoverable	Description	Solution and Suggestion
Packet loss caused by over-limit outbound internet bandwidth	Packet DroppedByQosWanOutBandwidth	Exception	VPN Gateway instance	Yes	The public network outbound bandwidth of a VPN gateway instance exceeds the upper limit, causing packet loss. Packet loss caused by bandwidth glitches is not reflected in the bandwidth view because the minimum granularity for bandwidth statistics is 10 (total traffic in 10 seconds/10 seconds). If the constant bandwidth is not significantly exceeded, the event can be ignored	Increase the upper limit for public network bandwidth
Packet loss caused by over-limit connections	Packet DroppedByQosConnectionSession	Exception	VPN Gateway instance	Yes	The number of connections to the VPN Gateway instance exceeds the limit, causing packet loss	Submit a ticket to contact us
VPN tunnel disconnected	VpnconnectionDisconnected	Exception	VPN Gateway instance	Yes	The number of connections to the VPN Gateway instance exceeds the limit, causing packet loss	Submit a ticket to contact us

Peering connection

Event	Event Name	Event Type	Dimension	Recoverable	Description	Solution and Suggestion
Packet loss caused by over-limit inbound bandwidth	Packet Droppe dByQo sInBan dwidth	Exception	Peering Connection instance	Yes	The public network inbound bandwidth of a peering connection instance exceeds the upper limit, causing packet loss. Packet loss caused by bandwidth glitches is not reflected in the bandwidth view because the minimum granularity for bandwidth statistics is 10 (total traffic in 10 seconds/10 seconds). If the constant bandwidth is not significantly exceeded, the event can be ignored	Increase the upper limit for public network bandwidth

Event	Event Name	Event Type	Dimension	Recoverable	Description	Solution and Suggestion
Packet loss caused by over-limit outbound bandwidth	Packet Droppe dByQo sOutB andwid th	Exception	Peering Connection instance	Yes	The public network inbound bandwidth of a peering connection instance exceeds the upper limit, causing packet loss. Packet loss caused by bandwidth glitches is not reflected in the bandwidth view because the minimum granularity for bandwidth statistics is 10 (total traffic in 10 seconds/10 seconds). If the constant bandwidth is not significantly exceeded, the event can be ignored	Increase the upper limit for public network bandwidth

NAT Gateway

Event	Event Name	Event Type	Dimension	Recoverable	Description	Solution and Suggestion
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Event	Event Name	Event Type	Dimension	Recoverable	Description	Solution and Suggestion
Packet loss caused by over-limit connections	Packet DroppedByConnLimit	Exception	NAT Gateway instance	Yes	There are too many connections to the NAT gateway instance. The maximum number of connections from one EIP to the same destination service is 55,000. If the limit is exceeded, packet loss occurs	Submit a ticket to contact us
Packet loss caused by over-limit outbound bandwidth	Packet DroppedByBandwidthLimit	Exception	NAT Gateway instance	Yes	The public network outbound bandwidth of a NAT gateway instance exceeds the upper limit, causing packet loss. Packet loss caused by bandwidth glitches is not reflected in the bandwidth view because the minimum granularity for bandwidth statistics is 10 (total traffic in 10 seconds/10 seconds). If the constant bandwidth is not significantly exceeded, the event can be ignored	Increase the upper limit for public network bandwidth

TKE

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Host node OOM	oom	Exception	Service dimension	Yes	OOM occurs on the host node due to high memory utilization	Check the causes of OOM on the host node by querying monitoring data, syslog, demsg, and more

TencentDB for MySQL

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
OOM	OutOfMemory	Exception	TencentDB for MySQL instance	Yes	Database memory usage is overloaded	Check whether the memory capacity configured in the database meets business requirements. If additional capacity is required, we recommend upgrading the MySQL memory configuration
Primary-secondary switch	PrimarySwitch	Exception	TencentDB for MySQL instance	No	A primary-secondary switch occurs	This event can be triggered when a physical machine fails. Check whether the instance status is normal

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Read-only instance removal	RORemoval	Exception	TencentDB for MySQL instance	Yes	A read-only instance fails or exceeds the latency threshold	If the read-only group contains only one instance, switch the read traffic after the read-only instance is removed to avoid a single point of failure. We recommend purchasing at least two read-only instances for the group
Instance migration caused by server failure	ServerfailureInstanceMigration	Exception	TencentDB for MySQL instance	No	Server failure results in instance migration	The migration time is subject to the maintenance window. Change the migration time promptly if needed. The new migration time will be subject to the new maintenance window
Auditing function is not enabled	Auditclose	Exception	TencentDB for MySQL instance	No	This event has been disused	This event has been disused

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Instance replication status	InstRepStatus	Exception	TencentDB for MySQL instance	Yes	The master-replica synchronization between the read-only instance and master instance is abnormal. You need to configure the read-only instance	This exception can be caused by the size of the read-only instance or by large transactions in the master instance. You can increase the read-only instance configuration or reduce large transactions as needed
The database agent mount node is removed	ProxyNodeRemoval	Exception	TencentDB for MySQL instance	No	Read-only nodes that satisfy the minimum number of reserved read-only nodes and whose removal time is delayed are removed due to an excessive delay, connection failure, I/O thread exception, or SQL thread exception	If the database proxy has only one read-only instance, you are advised to configure at least two read-only instances for the database proxy to avoid single points of failure caused by read-only instances

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Database agent exception	ProxyNot Available	Exception	TencentDB for MySQL instance	Yes	The proxy node is faulty and cannot provide the proxy service.	If the database proxy is abnormal, the database proxy VIP cannot be used to access the database instance. Ensure that the database proxy failover capability is enabled

TencentDB for Redis

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Primary-secondary switch	MasterSlaveSwitched	Status change	TencentDB for Redis instance	No	A TencentDB for Redis switch occurs	This event will cause Redis service disconnection and brief unavailability. Check whether your business has an automatic reconnection mechanism to ensure fast business recovery

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Service unavailable	ServiceNotAvailable	Exception	TencentDB for Redis instance	Yes	A TencentDB for Redis fault occurs and the service is unavailable	We will recover the service as soon as possible and send a service recovery notice when the service is recovered. If you have a disaster recovery instance, try to switch your business over to it
Read replica failover	ReadOnlyReplicaSwitched	Status change	TencentDB for Redis instance	No	A TencentDB for Redis read-only replica switch occurs	We will recover the service as soon as possible and send a service recovery notice when the service is recovered. If you have a disaster recovery instance, try to switch your business over to it or add a read-only replica

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
The read-only replica is unavailable	Readonly ReplicaNotAvailable	Exception	TencentDB for Redis instance	Yes	A TencentDB for Redis read-only replica fault occurs	We will recover the service as soon as possible and send a service recovery notice when the service is recovered. If you have a disaster recovery instance, try to switch your business over to it or add a read-only replica

TencentDB for MongoDB

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Insufficient oplog backup	oplogInsufficient	Exception	TencentDB for MongoDB instance	No	When TencentDB for MongoDB backs up data, it cannot read the full oplog from the last backup to the current backup. This affects database rollback to any time point in the last seven days	We recommend adjusting the size or backup frequency of the TencentDB for MongoDB oplog in the MongoDB console . If you do not need this event notification, disable it on the backup page in the MongoDB console

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
The number of connections exceeds the limit	connectionOverlimit	Exception	TencentDB for MongoDB instance	Yes	The number of connections to the instance exceeds the limit	Check whether the maximum number of connections configured for the TencentDB for MongoDB instance meets business requirements. If additional connections are required, we recommend upgrading the instance configuration
Primary-secondary switch	primaryswitch	Exception	TencentDB for MongoDB instance	Yes	A primary-secondary switch occurs	This event can be triggered when a physical machine fails. Check whether the instance status is normal
The disk capacity has run out	instanceOutOfDisk	Exception	TencentDB for MongoDB instance	Yes	The disk capacity is full and the instance becomes read-only	Clean up the disk

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Instance rollback	instanceRollback	Exception	TencentDB for MongoDB instance	Yes	Instance data rollback	This event may be triggered if the primary node fails and a primary-secondary switch occurs when some data on the primary node has not been synced to the secondary node. Check whether the instance status is normal
Node CPU exception	NodeCPUAbnormal	Exception	TencentDB for MongoDB instance	Yes	When the CPU usage of any node in the cluster reaches 80%, this alarm is triggered	A single alarm of this type only indicates that the instance has a high load on a single node. You can use other instance running statistics such as the number of connections and slow logs as well to evaluate the overall running status of the cluster. If necessary, upgrade the configuration of the TencentDB for MongoDB instance

TencentDB for PostgreSQL

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
HA switch	HASwitch	Exception	TencentDB for PostgreSQL instance	Yes	A TencentDB for PostgreSQL HA switch occurs	Submit a ticket to contact us

Direct Connect (connection, dedicated tunnel)

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Connection downtime	Direct ConnectDown	Exception	Connection	Yes	The physical link of the connection is interrupted or has an exception	<ol style="list-style-type: none"> 1. Check whether the physical link has an exception or is interrupted (for example, the fiber cable is cut off, or the line is unplugged) 2. Check whether the receiving port and optical/electrical modules are normal 3. Check whether the network device port is disabled

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Dedicated tunnel downtime	Direct Connect TunnelDown	Exception	Dedicated tunnel	Yes	The physical link of the connection is interrupted or has an exception	<ol style="list-style-type: none"> 1. Check whether the physical link has an exception or is interrupted (for example, the fiber cable is cut off, or the line is unplugged) 2. Check whether the receiving port and optical/electrical modules are normal 3. Check whether the network device port is disabled
Dedicated tunnel BGP session downtime	Direct Connect Tunnel BGP SessionDown	Exception	Dedicated tunnel	Yes	The dedicated tunnel BGP session is interrupted	<ol style="list-style-type: none"> 1. Check whether the BGP process of the network device is normal 2. Check whether the dedicated tunnel is normal 3. Check whether the physical line is normal
Alarm for exceeded number of BGP tunnel routes	Direct Connect Tunnel Route Table Overload	Exception	Dedicated tunnel	No	The number of BGP session routes in a dedicated tunnel exceeds the threshold by 80%	Check whether routes published by the BGP session of the dedicated tunnel have reached 80% of the threshold, which is 100 by default. For more information, see Use Limits .

Event	Event Name	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Dedicated channel BFD detection interrupted	Direct Connect Tunnel BFD Down	Exception	Dedicated tunnel	Yes	The dedicated tunnel BFD is interrupted	<ol style="list-style-type: none"> 1. Check whether the dedicated tunnel is normal 2. Check whether the physical line is normal

Anti-DDoS

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
DDoS abnormal traffic	DDoSAbnormalFlow	Exception	Anti-DDoS instance	No	-	Submit a ticket to contact us
DDoS Attack	DDoSAlarm	Exception	Anti-DDoS instance	No	-	Submit a ticket to contact us
Block	DDoSBlock	Exception	Anti-DDoS instance	No	-	Submit a ticket to contact us
CC attack	CCAlarm	Exception	Anti-DDoS instance	No	-	Submit a ticket to contact us

Database backup service

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Full backup error	FullBackFail	Exception	Back task instance	No	This event alarm will be triggered if a full backup task is interrupted or abnormal	Submit a ticket to contact us

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Incremental backup error	Increment BackFail	Exception	Back task instance	No	This event alarm will be triggered if an incremental backup task is interrupted or abnormal	Submit a ticket to contact us
Data recovery error	RestoreFail	Exception	Back task instance	No	This event alarm will be triggered if a data recovery task is interrupted or abnormal	Submit a ticket to contact us
Data recovered successfully	RestoreSuccess	Exception	Back task instance	No	This event notification will be triggered if a data recovery task is successfully completed	Submit a ticket to contact us

Tencent Cloud Service Engine

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Service instance error	InstanceTurnUnHealth	Exception	Instance	No	-	Submit a ticket to contact us
Service instance isolated	InstanceOpenIsolate	Exception	Instance	No	-	Submit a ticket to contact us
Abnormal instance recovered	InstanceTurnHealth	Exception	Instance	No	-	Submit a ticket to contact us

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
Service instance released from isolation	InstanceC loselsolat e	Exception	Instance	No	-	Submit a ticket to contact us
The service instance goes offline	InstanceO ffline	Exception	Instance	No	-	Submit a ticket to contact us

Stream Compute Service

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
TaskManager is under a high back pressure	Oceanus Backpres sureHigh	Exception	Task instance	No	-	Submit a ticket to contact us
TaskManager is under a severely high back pressure	Oceanus Backpres sureTooHi gh	Exception	Instance	No	-	Submit a ticket to contact us
TaskManager CPU workload is too high	OceanusT askmanag erLoadTo oHigh	Exception	Instance	No	-	Submit a ticket to contact us
TaskManager Pod exited abnormally	OceanusT askmanag erPodExit Unexpect edly	Exception	Instance	No	-	Submit a ticket to contact us

Event Name	Event Parameter	Event Type	Dimension	Recoverable	Event Description	Solution and Suggestion
JobManager Pod exited abnormally	OceanusJobmanagerPodExitUnexpectedly	Exception	Instance	No	-	Submit a ticket to contact us
TaskManager Full GC takes too long	OceanusTaskmanagerFullGcTooLong	Exception	Instance	No	-	Submit a ticket to contact us

Cloud Audit Event

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Overview

Tencent Cloud CloudAudit can be used to retrieve the historical records of API calls under your Tencent Cloud account, including API calls via the Tencent Cloud console, Tencent Cloud SDKs, command line tools, and other Tencent Cloud services. This means that any deployment behavior on Tencent Cloud is monitored, and you can find out the source IP address and time when a sub-user or collaborator calls a Tencent Cloud API.

Currently, Tencent Cloud CloudAudit has been fully integrated into EventBridge. You can use the default Tencent Cloud service event bus to receive **write** operations on the cloud for management and Ops. For the services and APIs that support CloudAudit, see [CloudAudit-Enabled Services and APIs](#).

Event Format

```
{
  "specversion": "1.0",
  "id": "13a3f42d-7258-4ada-da6d-023a33*****",
  "source": "${ProductName}.cloud.tencent",
  "type": "cvm:CloudEvent:ApiCall",
  "subject": "${resource ID}",
  "time": 1615430559146,
  "region": "ap-guangzhou",
  "resource": [
    "qcs::eb:ap-guangzhou:uid1250000000:eventbusid/eventruleid"
  ],
  "datacontenttype": "application/json;charset=utf-8",
  "tags": {
    "key1": "value1",
    "key2": "value2"
  },
  "data": {
    ${Raw API operation log}
  }
}
```

The event parameters are as detailed below:

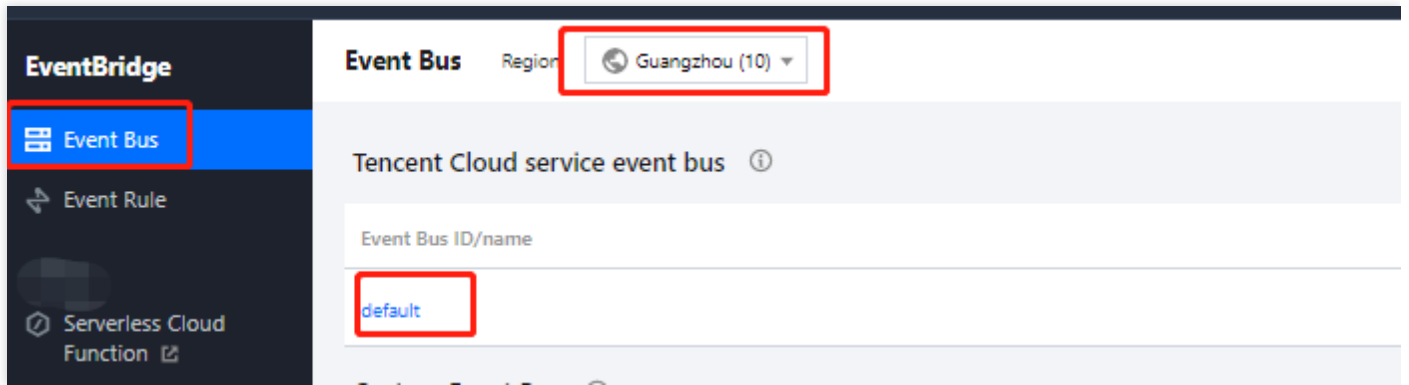
Field	Description	Data Type
-------	-------------	-----------

Field	Description	Data Type
specversion	Event structure version (CloudEvents version. Currently, only CloudEvents - Version 1.0 is supported.)	String
id	ID returned by <code>PUT Event</code> .	String
type	Type of the event input through <code>PUT Event</code> . CloudAudit events are classified into three types based on the event source: <code>\${Product name abbreviation}:CloudEvent:ApiCall</code> , <code>\${Product name abbreviation}:CloudEvent:ConsoleCall</code> , <code>\${Product name abbreviation}:CloudEvent:MiniProgramCall</code> .	String
source	Event source (which is required for a Tencent Cloud service event and is the abbreviation of <code>subject</code>). The value is <code>xxx.cloud.tencent</code> by default for a Tencent Cloud service.	String
subject	Event source details, which can be customized. QCS description such as <code>qcs::dts:ap-guangzhou:appid/uin:xxx</code> is used for a Tencent Cloud service by default.	String
time	Event time, which is a GMT+0 timestamp in milliseconds such as <code>1615430559146</code> .	Timestamp
datacontenttype	Data structure declaration.	String
region	Region information.	String
data	Details of the event input through <code>PUT Event</code> . For a CloudAudit event, pass in the complete CloudAudit log here.	Json

Call Method

Before receiving CloudAudit events, make sure that you have **activated the CloudAudit service and created related service roles**.

1. Log in to the [EventBridge console](#) and open the **Tencent Cloud service event bus** under the **Guangzhou region**.



2. On the event bus details page, select to enable CloudAudit.
3. On the **Event Rule** page, select an event bus, create an event rule, filter event types, and bind delivery targets. For detailed directions, see [Creating Event Rule](#).