

---

# BCT 文档

---

2021-06-7



百度智能云

目录

目录	2
Release Notes	3
Product Description	3
Product Introduction	3
Product Feature	3
Support Service Query	4
Open Beta Test Description	22
Pricing	22
Pricing	22
Operation Guide	22
Operation Record	22
Trace Storage	22
FAQs	23
FAQs	23

# Release Notes

Release Date	Feature Overview
2019-03	Released independently by Baidu AI Cloud <a href="#">Baidu Cloud trail (BCT)</a> . BCT (Baidu Cloud Trail) is a service supports supervision, compliance inspection, operation audit and risk audit on cloud accounts. You may log, conduct ongoing monitoring and retain account activities related to operations in the whole cloud infrastructure with the help of Cloud Trail.
2018-09	<ul style="list-style-type: none"><li>• Currently supported product line supports reference to <a href="#">Support Service Query</a></li><li>• It supports user operation record query. Including access key, region, error code, event name, event source, event time, request ID, source IP address, and user name.</li></ul>

## Product Description

### Product Introduction

BCT (Baidu Cloud Trail) is a service that supports supervision, compliance inspection, operation audit and risk audit on cloud accounts. You may log, conduct ongoing monitoring and retain account activities related to operations in the whole cloud infrastructure with the help of CloudTrail.

CloudTrail provides operation record query executed through Cloud Management Console. This event history record may simplify security analysis, resource change trace and troubleshooting works. In case there are other corresponding requirements for product operation records, submit [Ticket](#).

### Product Feature

#### Security Analysis

CloudTrail will record all the login operations of all accounts, when and which IP initiate the operation requirement and whether log in with multifactor authentication will be recorded in detail. You can make the security analysis with these key information easily.

#### Tracing the Changes of Resource

CloudTrail will record the changes of resource results for every event .You can count and trace the service conditions according to these records.

Refer to the details [Support Service Query](#)

#### Compliance Audit

If your organization has many members and you already used the Baidu AI Cloud IAM service to manage the identity of these members, you need to obtain the detailed operation records of each member, in order to meet the requirement of the new compliance audit of your organization. The operation trail which recorded by CloudTrail can meet these compliance audit.

### Locate the Problem

The detailed events and operations which recorded by CloudTrail is convenient for locate the problems.

For example, you can find out who, when and which IP initiate stop operation through CloudTrail when a BBC found to be down.

E.g.: The system volume was deleted and related the final create to fail when creating a cloud service.

## Support Service Query

### Description

The console allows users to query a record of 90 days in duration.

### Supported Production Lines

Product name	Support time
<a href="#">Account Login Service</a>	2018.9.27
<a href="#">Identity and Access Management</a>	2018.9.27
<a href="#">Enterprise Organization</a>	2018.9.27
<a href="#">Cloud Compute</a>	2018.9.27
<a href="#">Cloud Disk Storage</a>	2018.9.27
<a href="#">Baidu Object Storage</a>	2018.9.27
<a href="#">Baidu Load Balance</a>	2018.9.27
<a href="#">Multimedia Cloud Transcoder</a>	2018.9.27
<a href="#">SSL Certificate Service</a>	2018.9.27
<a href="#">Baidu Message Service BMS</a>	2018.9.27
<a href="#">Baidu MapReduce BMR</a>	2018.9.28
<a href="#">Content Delivery Network</a>	2018.10.30
<a href="#">Virtual Private Cloud</a>	2018.10.30
<a href="#">Baidu Log Service</a>	2018.10.30
<a href="#">Dedicated Cloud Compute</a>	2018.10.30
<a href="#">Relational Database Service</a>	2018.10.30
<a href="#">Data Transmission Service</a>	2018.10.31
<a href="#">Data Transmission Service</a>	2018.10.31
<a href="#">Elastic IP</a>	2018.11.12
<a href="#">[Tag Service](#Tag Service)</a>	2018.11.12
<a href="#">Simple Caching Service</a>	2018.11.14
<a href="#">Baidu Elasticsearch</a>	2018.11.14
<a href="#">Baidu Cloud Hosting</a>	2018.11.14
<a href="#">Distributed Database</a>	2018.11.15
<a href="#">Web Application Firewall</a>	2018.12.25
<a href="#">Baidu Edge Computing BEC</a>	2020.12.29

Support time is the user queryable time, that is, the user can view the operation record after the time.


## Support Event

### Account Login Service


Operator	Event name	Event specification	The type of source	Source specification
Account	ConsoleLogin	Log in	User	User name
Account	UpdateAccount	Update the basic information of the account	account	Account name
Account	CreateAccesskey	Create ACCESSKEY	account	Account name
Account	DeleteAccesskey	Delete ACCESSKEY	account	Account name

### Identity and Access Management

Operator	Event name	Event specification	The type of source	Resource name
Account/Sub account	CreateUser	Create Sub account	user	User name
Account/Sub account	UpdateUser	Update the basic information of the account (Include modify the password, close log in the control station and etc.)	user	User name
Account/Sub account	CreateUserAccesskey	Create Sub account AccessKey	user	User name
Account/Sub account	DeleteUserAccesskey	Delete Sub account AccessKey	user	User name
Account/Sub account	AttachPolicy	Authorized the users	user	User name
Account/Sub account	DeletePolicy	Unauthorized the users	user	User name
Account/Sub account	InactiveUser	Forbidden the Sub account	user	User name
Account/Sub account	DeleteUser	Delete Sub account	user	User name
Account/Sub account	CreatePolicy	Create Strategy	policy	Strategy Name
Account/Sub account	UpdatePolicy	Update the Strategy	policy	Strategy Name
Account/Sub account	DeletePolicy	Delete Policy	policy	Strategy Name

 Enterprise Organization

Operator	Event name	Event specification	The type of source	Resource name
Account/Sub account	CreateOrganization	Create Account Group	org	orgId
Account/Sub account	DeleteOrganization	Dissolve Account Group	org	orgId
Account/Sub account	CreateOrganizationScp	Create Account Group scp	scp	scpld
Account/Sub account	DeleteOrganizationScp	Delete Account Group scp	scp	scpld
Account/Sub account	InviteAccountIntoOrganization	Invite new user into the Account Group	org,account	orgId,accountId
Account/Sub account	ProcessOrganizationInvitation	Handle the invitation of the Account Group	org	orgId
Account/Sub account	RegisterAccountForOrganization	Register the new account in the Account Group	org	orgId
Account/Sub account	LeaveOrganization	Leave the Account Group	org,actor	orgId,actorId
Account/Sub account	AssignActorsToScp	Bind the Account or OrgUnit for Scp	actor,scp	actorId,scpld
Account/Sub account	AssignScpsToActor	Bind the Account or OrgUnit for Scp	actor,scp	actorId,scpld

 Cloud Compute

Operator	Event name	Event specification	The type of source	Resource name
Account/Sub account	CreateInstance	Create instance	Instance	Instance
Account/Sub account	DeleteInstance	Delete instance	Instance	Instance
Account/Sub account	RestartInstance	Restart instance	Instance	Instance
Account/Sub account	StopInstance	Stop instance	Instance	Instance
Account/Sub account	ChangeInstancePwd	Reset the password	Instance	Instance
Account/Sub account	AttachKeyPair	Bind the pair of secret key	Instance	Instance
Account/Sub account	DetachKeyPair	Unbind the pair of secret key	Instance	Instance
Account/Sub account	ResizeInstance	Up/down grade the configuration	Instance	Instance
Account/Sub account	RenewInstance	Renew	Instance	Instance
Account/Sub account	UpdateDescInstance	Change the comment	Instance	Instance
Account/Sub account	CreateSnapShot	Create the snapshot	SnapShot	snapshot
Account/Sub account	RollbackSnapShot	Roll back a snapshot.	SnapShot	snapshot
Account/Sub account	CreateAsp	Create an automatic snapshot policy	SnapShot	snapshot
Account/Sub account	AttachAsp	Bind the Auto-snapshot strategy to the disk	SnapShot	snapshot
Account/Sub account	DeleteAsp	Delete the Auto-snapshot strategy	SnapShot	snapshot
Account/Sub account	DeleteSnapShot	Delete a snapshot	SnapShot	snapshot
Account/Sub account	CreateImage	Create image	Image	Image
Account/Sub account	ShareImage	Share image	Image	Image
Account/Sub account	UnshareImage	Cancel image sharing	Image	Image
Account/Sub account	DeleteImage	Delete image	Image	Image


## Cloud Disk Storage

Operator	Event name	Event specification	The type of source
Account	CreateSnapshot	Create CDS snapshot	resource-Cds
Account	RollbackSnapshot	Rollback CDS snapshot	resource-Cds
Account	RenameSnapshot	Rename CDS snapshot	resource-Cds
Account	CreateVoumeSnapshot	Creative the virtual system disk or CDS disk snapshot	resource-Cds
Account	CreateCds	Create CDS disk	resource-Cds
Account	SimpleCreateVolume	Create CDS disk: support the batch, simplified the version	resource-Cds
Account	ResizeCds	Change of CDS disk configuration	resource-Cds
Account	RenameCds	Rename the disk	resource-Cds
Account	UpdateCdsDesc	Modify the description of the disk	resource-Cds
Account	DeleteCds	Delete the disk	resource-Cds
Account	AttachCds	Mount CDS	resource-Cds
Account	DetachCds	Unload CDS	resource-Cds


## Baidu Object Storage



Operator	Event name	Event specification	The type of source	Resource name
Account/Sub account	CreateBucket	Create Bucket	Bucket	Bucket
Account/Sub account	DeleteBucket	Delete Bucket	Bucket	Bucket
Account/Sub account	CreateBucketReplication	Set cross-region replication rules	Bucket	Bucket
Account/Sub account	DeleteBucketReplication	Delete cross-region synchronous replication configuration	Bucket	Bucket
Account/Sub account	UpdateBucketLogging	Enable/disable Bucket access log	Bucket	Bucket
Account/Sub account	CreateBucketLifecycle	Create the lifecycle management rule	Bucket	Bucket
Account/Sub account	DeleteBucketLifecycle	Delete the define lifecycle management rule	Bucket	Bucket
Account/Sub account	CreateBucketStorageclass	Set the default storage class of Bucket	Bucket	Bucket
Account/Sub account	UpdateBucketEncryption	Enable/disable encryption of the specified Bucket.	Bucket	Bucket
Account/Sub account	CreateBucketStaticWebsite	Set the static website trusteeship	Bucket	Bucket
Account/Sub account	DeleteBucketStaticWebsite	Delete the static website trusteeship which set by bucket	Bucket	Bucket
Account/Sub account	CreateBucketCors	Set a rule of Cross of Resource Sharing	Bucket	Bucket
Account/Sub account	DeleteBucketCors	Disable CORS function of Bucket, and clear all rules	Bucket	Bucket
Account/Sub account	UpdateBucketCopyrightProtection	Enable/disable original protection function of Bucket	Bucket	Bucket

 Baidu Load Balance

Operator	Event name	Event specification	The type of source	Resource name
Account/Sub account	CreateBaiduLoadBalancer	Create BLB ID	BLB	BLB instance
Account/Sub account	UpdateLoadBalancer	Modify the name / description of the BLB	BLB	BLB instance
Account/Sub account	DeleteLoadBalancer	Delete BLB	BLB	BLB instance
Account/Sub account	CreateTCPListener	Create TCP monitor The number of the port	BLB_listener	BLB monitor
Account/Sub account	CreateUDPListener	Create UDP monitor The number of the port	BLB_listener	BLB monitor
Account/Sub account	CreateHTTPListener	Create HTTP monitor The number of the port	BLB_listener	BLB monitor
Account/Sub account	CreateHTTPSListener	Create HTTPS monitor The number of the port	BLB_listener	BLB monitor
Account/Sub account	UpdateTCPListener	Modify TCP monitor configuration Port number, modify configuration content	BLB_listener	BLB monitor
Account/Sub account	UpdateUDPListener	Modify UDP monitor configuration Port number, modify configuration content	BLB_listener	BLB monitor
Account/Sub account	UpdateHTTPListener	Modify HTTP monitor configuration Port number, modify configuration content	BLB_listener	BLB monitor
Account/Sub account	UpdateHTTPSListener	Modify HTTPS monitor configuration Port number, modify configuration content	BLB_listener	BLB monitor
Account/Sub account	DeleteListeners	Delete monitor The number of the port	BLB_listener	BLB monitor
Account/Sub account	AddBackendServers	Add backend server: ID	BLB_rs	BLB Backend server
Account/Sub account	UpdateBackendServers	Add backend server: ID, weight	BLB_rs	BLB Backend server
Account/Sub account	RemoveBackendServers	Delete backend server: ID	BLB_rs	BLB Backend server

 Multimedia Cloud Transcoder

Operator	Event name	Event specification	The type of source	Resource name
Account/Sub account	PostPipeline	Create queue	Pipeline	Queue
Account/Sub account	DeletePipeline	Delete the appoint queue	Pipeline	Queue
Account/Sub account	PostTranscoding	Create Multimedia Cloud Transcoding mission	TranscodingJob	Transcoding mission
Account/Sub account	PostPreset	Create template	Preset	Transcode template
Account/Sub account	DeletePreset	Delete the appoint template	Preset	Transcode template
Account/Sub account	UpdatePreset	Update the template	Preset	Transcode template
Account/Sub account	PostThumbnail	Create the Thumbnail mission	Thumbnail	Thumbnail mission
Account/Sub account	PostWatermark	Create the watermark	Watermark	Watermark
Account/Sub account	GetWatermarklist	Inquiry the watermark of the current user	Watermark	Watermark
Account/Sub account	DelteteWatermark	Delete the watermark	Watermark	Watermark
Account/Sub account	PostNotification	Create the notice	Notification	notice
Account/Sub account	DeleteNotification	Delete the notice	Notification	notice

#### SSL Certificate Service

Operator	Event name	Event specification	The type of source	Resource name
Account	ApplyCertification	Purchase the certificate	Certification	Certificate
Account	DownloadCertification	Download the certificate	Certification	Certificate
Account	UploadCertification	Upload the certificate	Certification	Certificate
Account	DeleteCertification	Delete the certificate	Certification	Certificate

#### Baidu Message Service

Operator	Event name	Event specification	The type of source	Resource name
Account	CreateTopic	Create the subject	Topic	topic_name
Account	DeleteTopic	Delete the subject	Topic	topic_name
Account	AddTopicPartition	Expand the partition	Topic	topic_name
Account	CreateCertificate	Create the certificate	Cert	uuid
Account	DeleteCertificate	Delete the certificate	Cert	uuid
Account	RegenerateCertificate	Rebuild the certificate	Cert	uuid
Account	ModifyCertificates	Modify the certificate	Cert	uuid
Account	AddTopicAuthorization	Topic new authorization	Topic	topic_name
Account	UpdateTopicAuthorization	Topic authorization change	Topic	topic_name

#### Baidu MapReduceBMR


Operator	Event name	Event specification	The type of source
Account	CreateBMRCcluster	Create clusters	BMRCcluster
Account	RenameBMRCcluster	Modify the cluster name	BMRCcluster
Account	RenewBMRCcluster	Renew	BMRCcluster
Account	ResizeBMRCcluster	Change the configuration	BMRCcluster
Account	SaveBMRCclusterAsTemplate	Save as a template	BMRCcluster
Account	DeleteBMRCcluster	Release cluster	BMRCcluster
Account	CreateBMRPlate	Create template	BMRTemplate
Account	DeleteBMRPlate	Delete template	BMRTemplate
Account	CreateBMRStep	Create operation	BMRStep
Account	CancelBMRStep	Cancel operation	BMRStep
Account	CreateBMRTask	New timed task	BMRTask
Account	DeleteBMRTask	Delete timed task	BMRTask
Account	StopBMRTask	Close the timed mission	BMRTask
Account	StartBMRTask	Open the timed mission	BMRTask

#### Content Delivery Network

Operator	Event name	Event specification	The type of source	Source specification
Account	UpdateDomainRange	Open/close range Back-to-Origin	Domain	Domain name
Account	UpdateDomainHost	Set Back-to-Origin host	Domain	Domain name
Account	UpdateDomainSeo	Update seo setting	Domain	Domain name
Account	UpdateDomainHeader	Set http beginning	Domain	Domain name
Account	UpdateDomainMp4	Open/close mp4 video drag	Domain	Domain name
Account	UpdateDomainFlv	Open/close flv video drag	Domain	Domain name
Account	UpdateDomainQPSLimit	Update qps limit	Domain	Domain name
Account	UpdateDomainCorsConfig	Open/close cross domain access	Domain	Domain name
Account	UpdateDomainAuthority	Update Authentication setting	Domain	Domain name
Account	UpdateDomainWhiteReferers	Update refer white list	Domain	Domain name
Account	UpdateDomainWhiteIps	Update ip white list	Domain	Domain name
Account	UpdateDomainBlackIps	Update ip black list	Domain	Domain name
Account	StopDomain	Stop cdn domain speed up	Domain	Domain name
Account	UpdateDomainProtocol	Open/close agreement tracking Back-to-Origin	Domain	Domain name
Account	UpdateDomainCacheTtl	Update the cache expiration time	Domain	Domain name
Account	CreateDomain	Create cdn domain speed up	Domain	Domain name
Account	UpdateDomainCacheKey	Update cache key calculation strategy	Domain	Domain name
Account	UpdateDomainErrorPage	Update wrong page	Domain	Domain name
Account	UpdateDomainMobileAccess	Open/close mobile content distribution	Domain	Domain name
Account	UpdateDomainWaf	Open/close waf	Domain	Domain name
Account	DeleteDomain	Delete cdn	Domain	Domain name
Account	StartDomain	Open domain speed up	Domain	Domain name
Account	UpdateDomainHttps	Update https configuration	Domain	Domain name
Account	UpdateDomainSwitchAccessControlConfig	Set up anti-hotlinking chain	Domain	Domain name
Account	UpdateDomainBlackReferers	Update refer black list	Domain	Domain name
Account	UpdateDomainSetAllowEmptyReferer	Set if allow empty refer	Domain	Domain name
Account	UpdateDomainBos	Open/close private bucket Back-to-Origin	Domain	Domain name
Account	UpdateDomainBackSource	Open/close Back-to-Origin follow 302	Domain	Domain name

 Virtual Private Cloud

Operator	Event name	Event specification	The type of source	Source specification
Account	CreateVpcRule	Add routing table	Vpc	Private net
Account	DeleteSubnet	Delete subnet	Subnet	subnet
Account	CreateSubnet	Create subnet	Subnet	subnet
Account	CopySecurityGroup	Copy the safety group	SecurityGroup	Security group
Account	DeleteSecurityGroup	Delete the safety group	SecurityGroup	Security group
Account	CreateSecurityGroup	Create the safety group	SecurityGroup	Security group
Account	CreateVpc	Create vpc	Vpc	Private net
Account	DeleteVpcRule	Delete routing table	Vpc rule	Routing table rule
Account	DeleteVpc	Delete vpc	Vpc	Private net
Account	CreateNat	Create nat	Nat	Nat gateway
Account	ResizeNat	Upgrade nat	Nat	Nat gateway
Account	RenewNat	renew nat	Nat	Nat gateway
Account	AuthorizeRuleSecurityGroup	Authorize the safety group rule	SecurityGroup	Security group
Account	RevokeRuleSecurityGroup	Delete the safety group rule	SecurityGroup	Security group
Account	UpdateSecurityGroupInfo	Update the basic information of the safety group	SecurityGroup	Security group
Account	UpdateSecurityGroupRules	Update the safety group rule	SecurityGroup	Security group
Account	CreateVpn	Create vpn	vpn	Vpn gateway
Account	ResizeVpn	Upgrade vpn	vpn	Vpn gateway
Account	RenewVpn	renew vpn	vpn	Vpn gateway
Account	CreatePeer	Create peer to peer connection	PeerConn	Peer-to-peer connection
Account	ResizePeer	Upgrade peer to peer connection	PeerConn	Peer-to-peer connection
Account	RenewPeer	Renew peer to peer connection	PeerConn	Peer-to-peer connection
Account	UpdateVpc	Modify vpc attribute	Vpc	Private net
Account	CreateAclRule	Create acl strategy	Subnet	subnet
Account	JoinBccInstanceAndSecurityGroup	The security group connection bcc instance	BccInstance,SecurityGroup	Bbc virtual machine instance, security group
Account	UpdateSubnet	Update the subnet	Subnet	subnet

 Baidu Log Service

Operator	Event name	Event specification	The type of source	Source specification
Account	StopBlsTask	Stop bls task	Bls task	Bls transmission task
Account	StartBlsTask	Start bls task	Bls task	Bls transmission task
Account	RemoveBlsTask	Delete bls task	Bls task	Bls transmission task
Account	UpdateBlsTask	Update bls task	Bls task	Bls transmission task
Account	CreateBlsTask	Create bls tasks	Bls task	Bls transmission task

#### Dedicated Cloud Compute

Operator	Event name	Event specification	The type of source	Source specification
Main account/sub-account	CreateDccInstance	Create DCC server	DccInstance	Instance
Main account/sub-account	CreateInstanceOnDcc	Create the virtual machine on DCC	DccInstance	Instance
Main account/sub-account	RenameDccInstance	Rename DCC server	DccInstance	Instance
Main account/sub-account	UpdateDccInstanceDescription	Update a comment.	DccInstance	Instance
Main account/sub-account	UpdateDccInstanceVCpu	Update vcpu	DccInstance	Instance

#### Relational Database Service

Operator	Event name	Event specification	The type of source	Source specification
Account	RenameDBInstance	Rename a RDS instance.	DBInstance	Database instance
Account	CreateDBInstance	Create bls instance	DBInstanceProxy,DBInstanceReplica,DBInstance	Database instance proxy, database instance replication set, database instance
Account	ResizeDBInstance	Upgrade a rds instance.	DBInstanceProxy,DBInstanceReplica,DBInstance	Database instance proxy, database instance replication set, database instance
Account	UpdateDBInstanceFirewallSetting	Update the rds firewall setting.	DBInstance	Database instance
Account	RebaseDBInstance	Roll back a rds instance.	DBInstance	Database instance
Account	DeleteDBAccount	Delete a rds account.	Account	Database account
Account	UpdateDBInstanceParams	Update a rds instance parameter.	DBInstance	Database instance
Account	DeleteDatabase	Delete a database.	Database	Database
Account	UpdateDBAccountPassword	Update the rds account password.	Account	Database account
Account	CreateDBInstance	Create a database instance.	DBInstance	Database instance

Account	UpdateDBAccountDescription	Update a rds account comment.	Account	Database account
Account	CreateDBAccount	Create a rds account.	Account	Database account
Account	CreateDatabase	Create a database.	DBInstance,Database	Database instance, database
Account	UpdateDBInstanceInternetAccess	Enable/disable the extranet access permission of rds instances.	DBInstance	Database instance
Account	UpdateDBInstanceReplication	Update an instance synchronization mode.	DBInstance	Database instance
Account	UpdateDatabaseDescription	Update a rds instance comment.	Database	Database
Account	UpdateDBInstanceDomain	Update a rds instance domain name.	DBInstance	Database instance
Account	UpdateDBInstanceWhiteList	Update a rds instance white list.	DBInstance	Database instance
Account	DeleteDBInstance	Delete a database instance.	DBInstance	Database instance
Account	UpdateDBInstanceBackupSetting	Update the rds instance backup setting.	DBInstance	Database instance
Account	RebootDBInstance	Restart instance	DBInstance	Database instance
Account	ModifySyncModeDBInstance	Modify a database synchronization mode.	DBInstance	Database instance
Account	ModifyEndpointDBInstance	Modify database connection information.	DBInstance	Database instance
Account	ModifyPublicAccessDBInstance	Enable/disable database public network access.	DBInstance	Database instance
Account	ModifyBackupPolicyAccessDBInstance	Modify a database backup policy.	DBInstance	Database instance
Account	ResizeDBInstance	Database scaling	DBInstance	Database instance
Account	DeleteDBInstance	Delete a rds instance.	DBInstance	Database instance

## Data Transmission Service

Operator	Event name	Event specification	The type of source	Source specification
Account	CreateDts	Create a dts data transmission task.	Dts	Data transmission task
Account	StartDts	Start a dts data transmission task	Dts	Data transmission task
Account number	PauseDts	Suspend a dts data transmission task.	Dts	Data transmission task
Account	StopDts	Stop a dts data transmission task.	Dts	Data transmission task
Account	DeleteDts	Delete a dts data transmission task.	Dts	Data transmission task

## Cloud DNS



Operator	Event name	Event specification	The type of source	Source specification
Account	AddDomain	Add domain name resolution.	Zone	Domain name resolution
Account	BatchAddDomain	Add domain name resolutions in batch.	Zone	Domain name resolution
Account	UpdateDomain	Update a domain name resolution.	Zone	Domain name resolution
Account	DeleteDomain	Delete a domain name resolution.	Zone	Domain name resolution
Account	CreateZone	Add a domain name.	Zone	Domain name resolution
Account	DeleteZone	Delete a domain name.	Zone	Domain name resolution
Account	CreateZone	Create a updated version of domain name.	Zone	Domain name resolution
Account	ResizeZone	Upgrade a domain name.	Zone	Domain name resolution
Account	RenewZone	Renewal domain name	Zone	Domain name resolution

## Elastic IP

Operator	Event name	Event specification	The type of source	Source specification
Account	RenameEip	Rename eip.	Eip	Elastic public network IP
Account	CreateEip	Create eip.	Eip	Elastic public network IP
Account	ResizeEip	Upgrade eip.	Eip	Elastic public network IP
Account	RenewEip	renew eip	Eip	Elastic public network IP
Account	BindEip	Bind eip.	Eip	Elastic public network IP
Account	UnbindEip	Unbind eip.	Eip	Elastic public network IP
Account	PurchaseReservedEip	renew eip	Eip	Elastic public network IP
Account	DeleteEip	Delete eip.	Eip	Elastic public network IP
Account	CreateEipGroup	Create eipgroup.	EipGroup	Shared bandwidth
Account	ResizeEipGroup	Upgrade eipgroup.	EipGroup	Shared bandwidth
Account	RenewEipGroup	renew eipgroup	EipGroup	Shared bandwidth
Account	CreateEipBp	Create eipbp.	EipBp	Eip shared bandwidth
Account	ResizeEipBp	Upgrade eipbp.	EipBp	Eip shared bandwidth
Account	RenewEipBp	renew eipbp	EipBp	Eip shared bandwidth
Account	RenameEipBp	Rename EipBp.	EipBp	Eip shared bandwidth
Account	SetAutoReleaseEipBp	Set an EipBp automatic release policy.	EipBp	Eip shared bandwidth
Account	DeleteEipBp	Delete eipbp.	EipBp	Eip shared bandwidth

## Tag Service

Operator	Event name	Event specification	The type of source
Account	CreateTag	Create a tag.	Tag
Account	DeleteTag	Delete tag	Tag

#### Simple Caching Service

Operator	Event name	Event specification	The type of source	Source specification
Account	CreateScs	Create scs.	Scs	Cache
Account	ResizeScs	Upgrade scs.	Scs	Cache
Account	RenewScs	renew scs	Scs	Cache
Account	ClearScs	Clear scs.	Scs	Cache
Account	DeleteScs	Delete scs.	Scs	Cache

#### Baidu Elasticsearch

Operator	Event name	Event specification	The type of source	Source specification
Account	DeleteBesCluster	Delete a bes cluster.	BesCluster	Bes cluster
Account	ChangePasswdBesCluster	Modify a bes password.	BesCluster	Bes cluster
Account	StopDeployBesCluster	Stop bes cluster deployment.	BesCluster	Bes cluster
Account	CreateBesCluster	Create bes clusters	BesCluster	Bes cluster
Account	ResizeBesCluster	Upgrade a bes cluster.	BesCluster	Bes cluster
Account	RenewBesCluster	Renew a bes cluster.	BesCluster	Bes cluster

#### Baidu Cloud Hosting

Operator	Event name	Event specification	The type of source	Source specification
Account	CreateBch	Create bch.	Bch, Bchlp	Cloud virtual host, exclusive IP service
Account	ResizeBch	Upgrade bch.	Bch, Bchlp	Cloud virtual host, exclusive IP service
Account	RenewBch	Renew bch.	Bch, Bchlp	Cloud virtual host, exclusive IP service

#### Distributed Database

Operator	Event name	Event specification	The type of source	Source specification
Account	CreateDBCluster	Create drds.	DBCluster	-
Account	ResizeDBCluster	Upgrade drds.	DBCluster	-
Account	RenewDBCluster	Renew drds	DBCluster	-
Account	DeleteDBCluster	Delete a drds cluster.	DBCluster	-
Account	CreateDBClusterAccount	Create a drds cluster account.	DBCluster,Account	Database account
Account	CreateDBClusterDatabase	Create a drds database.	Database,DBCluster	Database
Account	UpdateDatabasePrivileges	Update drds permission.	DBCluster,Database,Account	Database, database account
Account	DeleteDBClusterDatabase	Delete a drds database.	DBCluster,Database	Database
Account	UpdateDBAccountPassword	Update a drds account password.	Account,DBCluster	Database account
Account	UpdateDBAccountPrivileges	Update drds account permission.	Account,DBCluster,Database	Database account, database
Account	DeleteDBAccount	Delete a drds account.	Account,DBCluster	Database account
Account	UpdateDBClusterWhiteList	Update a drds white list.	DBCluster	-
Account	UpdateDatabaseDescription	Update a rds instance comment.	Database	Database
Account	RenameDBCluster	Rename a drds cluster.	DBCluster	-
Account	UpdateInternetAccessDBCluster	Update public network access permission of drds clusters.	DBCluster	-
Account	UpdateDomainDBCluster	Update a drds cluster domain name.	DBCluster	-

## Web Application Firewall

Operator	Event name	Event specification	The type of source	Source specification
Account	UpdateBLBWAFconfig	Change BLB WAF settings.	wafInstance	WAF instance
Account	UpdateCDNWAFconfig	Change CDN WAF settings.	wafInstance	WAF instance
Account	UpdateWAFDesc	Change WAF instance comments.	wafInstance	WAF instance
Account	CreateWafInstance	Purchase WAF instances.	wafInstance	WAF instance
Account	RenewWafInstance	Renew WAF instances.	wafInstance	WAF instance

## Baidu Edge Computing (BEC)

Operator	Event name	Event Description	Resource type	Resource description
Account	CreateBecService	Create Container Application	Service	Container Application
Account	StartBecService	Enable Container Application	Service	Container Application

Account	StopBecService	Stop Container Application	Service	Container Application
Account	DeleteBecService	Delete Container Application	Service	Container Application
Account	UpdateBecServiceReplicas	Upgrade	Service	Container Application
Account	UpdateBecServiceResource	Batch Change	Service	Container Application
Account	UpdateBecServiceImage	Modify Mirror	Service	Container Application
Account	UpdateBecDeploymentReplicas	Scaling	Deployment	Container Deployment
Account	DeleteBecDeployment	Delete	Deployment	Container Deployment
Account	RestartBecPod	Restart	Pod	Container Group
Account	CreateBecBlb	New Load Balance	Blb	Load Balance
Account	BatchDeleteBecBlb	Delete Load Balance	Blb	Load Balance
Account	CreateBecBlbMonitor	New Listening Setting	Blb	Load Balance
Account	DeleteBecBlbMonitor	Delete Listening Setting	Blb	Load Balance
Account	UpdateBecBlbMonitor	Edit Listening Setting	Blb	Load Balance
Account	CreateBecBlbBinding	Add Back-end Server	Blb	Load Balance
Account	DeleteBecBlbBinded	Delete Back-end Server	Blb	Load Balance
Account	UpdateBecBlbBinded	Modify Weight	Blb	Load Balance
Account	CreateBecConfigMap	Create Configuration Dictionary	ConfigMap	Configuration Dictionary
Account	UpdateBecConfigMap	Modify Configuration Dictionary	ConfigMap	Configuration Dictionary
Account	DeleteBecConfigMap	Delete Configuration Dictionary	ConfigMap	Configuration Dictionary
Account	CreateBecSecret	Create Key	Secret	Key
Account	UpdateBecSecret	Modify Key	Secret	Key
Account	DeleteBecSecret	Delete Key	Secret	Key
Account	CreateBecVmService	Create Baidu Cloud Compute Instance Group	VmService	Baidu Cloud Compute Instance Group
Account	UpdateBecVmServiceResource	Batch Change	VmService	Baidu Cloud Compute Instance Group
Account	UpdateBecVmServiceReplicas	Upgrade	VmService	
Account	BatchDeleteBecVmService	Delete Baidu Cloud Compute Instance Group	VmService	Baidu Cloud Compute Instance Group
Account	StartBecVmService	Enable Baidu Cloud Compute Instance	VmService	Baidu Cloud Compute Instance Group
Account	StopBecVmService	Stop Baidu Cloud Compute Instance	VmService	Baidu Cloud Compute Instance Group
Account	ReinstallBecVmSystem	Reinstall System	VmInstance	Baidu Cloud Compute Instance Group
Account	UpdateBecVmResource	Change Configuration	VmInstance	Baidu Cloud Compute Instance Group
Account	UpdateBecVmPassword	Reset password	VmInstance	Baidu Cloud Compute Instance Group
Account	BatchDeleteBecVmInstances	Delete Baidu Cloud Compute Instance	VmInstance	Baidu Cloud Compute Instance

Account	BatchDeleteBecVmInstance	Delete Baidu Cloud Compute Instance	VmInstance	Group
Account	StartBecVmInstance	Enable Baidu Cloud Compute Instance	VmInstance	Baidu Cloud Compute Instance Group
Account	StopBecVmInstance	Stop Baidu Cloud Compute Instance	VmInstance	Baidu Cloud Compute Instance Group
Account	RestartBecVmInstance	Restart Baidu Cloud Compute Instance	VmInstance	Baidu Cloud Compute Instance Group
Account	BecTokenValidation	VNC Remote Login	VmInstance	Baidu Cloud Compute Instance Group
Account	CreateBecCds	Create Cloud Disk Storage	Cds	Cloud Disk Storage
Account	BatchDeleteBecCds	Release Cloud Disk Storage	Cds	Cloud Disk Storage
Account	MountBecCds	Mount	Cds	Cloud Disk Storage
Account	UnmountBecCds	Uninstall	Cds	Cloud Disk Storage
Account	UpdateBecCds	Capacity Expansion	Cds	Cloud Disk Storage
Account	CreateBecBucket	Create Bucket	Bucket	Bucket
Account	ChangeBecBucketAuthority	Configuration / Modify configuration	Bucket	Bucket
Account	DeleteBecBucket	Delete Bukcet	Bucket	Bucket
Account	UploadBecFile	Upload files	Bucket	Bucket
Account	DeleteBecFile	Delete files	Bucket	Bucket
Account	CreateBecNotice	Create notification group	Groups	Notification group
Account	DeleteBecNotice	Delete	Groups	Notification group
Account	UpdateBecNotice	Edit	Groups	Notification group
Account	CreatePodAlertRule	Add Container Group Alarm Rules	Alert	Alarm
Account	DeletePodAlertRule	Delete Container Group Alarm Rules	Alert	Alarm
Account	UpdatePodAlertRule	Modify Container Group Alarm Rules	Alert	Alarm
Account	StartPodAlertRule	Enable Container Group Alarm Rules	Alert	Alarm
Account	StopPodAlertRule	Disable Container Group Alarm Rules	Alert	Alarm
Account	CreateVmAlertRule	Add Baidu Cloud Compute Alarm rules	Alert	Alarm
Account	DeleteVmAlertRule	Delete Baidu Cloud Compute Alarm Rules	Alert	Alarm
Account	UpdateVmAlertRule	Modify Baidu Cloud Compute Alarm Rules	Alert	Alarm
Account	StartVmAlertRule	Enable Baidu Cloud Compute Alarm Rules	Alert	Alarm
Account	StopVmAlertRule	Disable Baidu Cloud Compute Alarm Rules	Alert	Alarm
Account	CreateLbAlertRule	Add Baidu Load Balance Alarm Rules	Alert	Alarm
Account	DeleteLbAlertRule	Delete Baidu Load Balance Alarm Rules	Alert	Alarm
Account	UpdateLbAlertRule	Modify Baidu Load Balance Alarm Rules	Alert	Alarm
Account	StartLbAlertRule	Enable Baidu Load Balance Alarm	Alert	Alarm

Account	StartLbAlertRule	Rules	Alert	Alarm
Account	StopLbAlertRule	Disable Baidu Load Balance Alarm Rules	Alert	Alarm

## Open Beta Test Description

You can use the operation record inquiry for free service within 90 days during the open beta test period. You can make the operations about these supported services.

The operation record inquiry though the detailed testing, but the Baidu AI Cloud still can not guarantee it without any flawless for their services and the other risks of legal and technology cannot be foreseen and prevented nor. Please agree and understand during the open beta test period. During the free open beta test period, Baidu AI Cloud will not make no guarantee to the availability and reliability of any service, and do not take any responsibility for the work or the results when using the operation recording function. But Baidu AI Cloud will solve the problem with you together and commitment to continuously improve service quality and level. You can submit the work to inform Baidu AI Cloud and obtain the technology support if the operation has any situation and we will give your our best services and guarantee the availability and reliability of services. And you should stop using the operation record inquiry if the problem cannot be solved.

## Pricing

### Pricing

Users may use CloudTrail for free. However, in case the user opens the trace storage function, we will open BOS by default, in which case the user shall pay for BOS . Refer to [BOS Billing](#) for details.

## Operation Guide

### Operation Record

1. Log in to the management console of Baidu AI Cloud, and select "Baidu Cloud Trail (BCT)".
2. In the "Cloud Audit", select "Operation Records" to query the user operation records within 90 days.

**Note:** It is only for the creation, modification and deletion activities of support services. For details, refer to: [Support Events](#)

3. View the detailed information

In the event list, the event list can be expanded to view the event details, including access key, region, error code, event name, event source, event time, request ID, source IP address, and user name. Meanwhile, you can click [View Events] to understand the related information of events.

Currently, the maximum time scope supported for query is 90 days. The users can select the starting and ending time for query in the calendar.

### Trace Storage

#### Feature Overview

The trace set is an enhancement of operation records, and helps customers to trace to the source, and guarantee the operation security of enterprise personnel and assets. And it includes the type information of record operation log, storage path of operation log, and other contents.

For all the operation records stored by Cloudtrail, you can realize security analysis, resource change tracing and compliance audit.

### Create Trace

1. Log in to BCT console, and in the left navigation bar, select "Trace Storage", and click [Create Trace].
2. Fill in the "Basic Information" and "Storage Location".

#### **Filling instructions:**

##### [Basic information]

- Trace name: It only supports the combination of upper and lower case letters, numbers, and \_., not exceeding 40 characters.
- Tracing position: The tracing of all regions is supported.

##### [Storage Location]

- Whether a new BOS Bucket is created: To create a BOS Bucket, enter one name in the textbox; or click the box to choose for the BOS bucket, a Bucket list available for selection pops up.
- Name of BOS Bucket: It can only include lowercase letters, numbers and "-", and must start with lowercase letters and numbers, with a length ranging from 3 to 63; a created bucket name cannot be modified, and is unique in all regions. The company/item name can be used as a prefix.
- Log file prefix: It can only include letters, numbers, Chinese, underlines and dashes, and decimal points; and can only start with letters, numbers or Chinese; the length of a file folder is limited to 1-65.

3. After configuration, click "Create" to create a trace storage.

### Manage Trace

#### Enable/Disable Trace

The users can enable, disable, modify and delete the created traces in the overview page of trace storage.

#### Note

- After deleting the trace, you will no longer receive a new audit event;
- The audit events delivered to BOS cannot be deleted.

### Modify Trace

The users can click [Modify] behind the trace record to edit the created trace.

After re-editing, click [Update] to change the trace.

## FAQs

### FAQs

#### How many trace storages can be opened under one account?

Currently, one account only supports opening of one trace storage.

#### Is the storage of operation records in the BOS bucket supported?

Yes, a trace set can be established to store the operation records in BOS for a long-term storage.

**Note:** Currently, only the storage in the bos bj region is supported.

🔗 What's the time range of operation records available for query?

The query of 90-day operation records is supported by default.

If you need to extend the time range for the records available for query, you can create a trace set. The trace set delivers the operation records to your specified bos Bucket to meet audit requirements for a longer period.

🔗 What's the information does the operation event list used to record?

The event list records the relevant information of sensitive operations such as creation, configuration and deletion of cloud service resources in the cloud account. The information related with event list query is not recorded. For details, refer to:

[Support Events](#)

🔗 Can the information in the operation record list be deleted?

No. According to the specifications released by SAC/TC and international information and data security management departments, the audit logs must keep objective, comprehensive and accurate. So, the past user behaviors and records don't provide the deletion or modification function.

🔗 Which region does the operation records support for recording?

The records of all regions have been supported.