# Alibaba Cloud
# Resource Orchestration Service

## User Guide

MORE THAN JUST CLOUD | Alibaba Cloud

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# Generic conventions

Table -1: Style conventions

| Style | Description | Example |
|---|---|---|
| ⛔ | This warning information indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results. | ⛔  Danger: Resetting will result in the loss of user configuration data. |
| ⚠️ | This warning information indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results. | ⚠️  Warning: Restarting will cause business interruption. About 10 minutes are required to restore business. |
| 📋 | This indicates warning information, supplementary instructions, and other content that the user must understand. | ⓘ  Notice: Take the necessary precautions to save exported data containing sensitive information. |
| | This indicates supplemental instructions, best practices, tips, and other content that is good to know for the user. | 📋  Note: You can use Ctrl + A to select all files. |
| > | Multi-level menu cascade. | Settings > Network > Set network type |
| **Bold** | It is used for buttons, menus, page names, and other UI elements. | Click **OK**. |
| `Courier font` | It is used for commands. | Run the `cd / d  C :/ windows` command to enter the Windows system folder. |
| *Italics* | It is used for parameters and variables. | `bae  log  list -- instanceid` *Instance_ID* |
| [] or [a\|b] | It indicates that it is a optional value, and only one item can be selected. | `ipconfig` *[-all\|-t]* |

| Style | Description | Example |
|-------|-------------|---------|
| {} or {a\|b} | **It indicates that it is a required value, and only one item can be selected.** | `swich` *{stand \| slave}* |

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# 1 Resource type index

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|---|---|
| *ALIYUN::CS::App* | Create a Docker cluster-based application. |
| *ALIYUN::CS::Cluster* | Create a Docker cluster. |
| *ALIYUN::ECS::Disk* | Create a data disk. |
| *ALIYUN::ECS::DiskAttachment* | Associate a data disk to the corresponding ECS instance. |
| *ALIYUN::ECS::Snapshot* | Create a disk snapshot. |
| *ALIYUN::ECS::CustomImage* | Create a User-defined Image. |
| *ALIYUN::ECS::Instance* | Create a single ECS instance. |
| *ALIYUN::ECS::InstanceClone* | Create a single ECS instance by cloning an existing ECS instance. |
| *ALIYUN::ECS::InstanceGroup* | Create multiple ECS instances. |
| *ALIYUN::ECS::InstanceGroupClone* | Create multiple ECS instances by cloning an existing ECS instance. |
| *ALIYUN::ECS::SecurityGroup* | Create a security group. |
| *ALIYUN::ECS::SecurityGroupEgress* | Configure the traffic egress rule of a security group. |
| *ALIYUN::ECS::SecurityGroupIngress* | Configure the traffic ingress rule of a security group. |
| *ALIYUN::ECS::JoinSecurityGroup* | Add an ECS instance to a security group. |
| *ALIYUN::ECS::SecurityGroupClone* | Clone a security group. |
| *ALIYUN::ECS::SSHKeyPair* | Create an SSH key pair. |
| *ALIYUN::ECS::SSHKeyPairAttachment* | Bind an SSH key pair to an ECS instance. |
| *ALIYUN::ECS::NatGateway* | Create a VPC NAT gateway. |
| *ALIYUN::ECS::BandwidthPackage* | Create a bandwidth package for the NAT gateway. |
| *ALIYUN::ECS::ForwardEntry* | Configure the forwarding table of the NAT gateway. |
| *ALIYUN::ECS::SNatEntry* | Configure the SNAT table of the NAT gateway. |

| *ALIYUN::ECS::Route* | Configure the VPC route table. |
|---|---|
| *ALIYUN::ECS::VPC* | Create a VPC. |
| *ALIYUN::ECS::VSwitch* | Create a VSwitch in VPC. |
| *ALIYUN::ESS::ScalingConfiguration* | Create scaling configurations. |
| *ALIYUN::ESS::ScalingGroup* | Create a scaling group. |
| *ALIYUN::ESS::ScalingGroupEnable* | Activate a scaling group. |
| *ALIYUN::MEMCACHE::Instance* | Create an ApsaraDB for Memcache instance. |
| *ALIYUN::MONGODB::Instance* | Create an ApsaraDB for MongoDB instance. |
| *ALIYUN::MarketPlace::Order* | Buy marketplace resources. |
| *ALIYUN::MarketPlace::Image* | Buy marketplace images. |
| *ALIYUN::MarketPlace::ImageSubscription* | Subscribe to marketplace images. |
| *ALIYUN::OSS::Bucket* | Create an OSS bucket instance. |
| *ALIYUN::RAM::AccessKey* | Obtain the AccessKey of the specified user. |
| *ALIYUN::RAM::Group* | Create a RAM group. |
| *ALIYUN::RAM::ManagedPolicy* | Create a RAM policy. |
| *ALIYUN::RAM::Role* | Create a RAM role. |
| *ALIYUN::RAM::User* | Create a RAM subaccount. |
| *ALIYUN::RAM::UserToGroupAddition* | Add a subaccount to the RAM group. |
| *ALIYUN::RDS::DBInstance* | Create an ApsaraDB for RDS instance. |
| *ALIYUN::RDS::DBInstanceParameterGroup* | Modify the parameters of an ApsaraDB for RDS instance. |
| *ALIYUN::RDS::DBInstanceSecurityIps* | Configure the white list of an ApsaraDB for RDS instance. |
| *ALIYUN::REDIS::Instance* | Create an ApsaraDB for Redis instance. |
| *ALIYUN::ROS::WaitCondition* | Process the returned UserData message. |
| *ALIYUN::ROS::WaitConditionHandle* | Provide the command in the returned  message to UserData and receive messages. |

| | |
|---|---|
| *ALIYUN::SLB::BackendServerAttachment* | Add an ECS instance to a Server Load Balancer instance. |
| *ALIYUN::SLB::Listener* | Configure the listener parameters of Server Load Balancer. |
| *ALIYUN::SLB::LoadBalancer* | Create a Server Load Balancer instance. |
| *ALIYUN::SLB::LoadBalancerClone* | Create a single Server Load Balancer instance by cloning an existing Server Load Balancer instance. |
| *ALIYUN::SLB::VServerGroup* | Create a virtual server group and add it to a Server Load Balancer instance. |
| *ALIYUN::SLB::BackendToVServerGroupAddition* | Add a backend server to an existing VServer group. |
| *ALIYUN::SLS::ApplyConfigToMachineGroup* | Assign Log Service configurations to a machine group. |
| *ALIYUN::SLS::MachineGroup* | Create the ECS machine groups that require Logtail for log collection. |
| *ALIYUN::VPC::RouterInterface* | Create a router interface. |
| *ALIYUN::VPC::PeeringRouterInterfaceBinding* | Set information about the router interface on the peer end. |
| *ALIYUN::VPC::PeeringRouterInterfaceConnection* | Initiate a connection from the specified router interface. |
| *ALIYUN::ApiGateway::Group* | Create API groups. |
| *ALIYUN::ApiGateway::StageConfig* | Configure stage variables for API groups. |
| *ALIYUN::ApiGateway::Api* | Create APIs. |
| *ALIYUN::ApiGateway::App* | Create apps. |
| *ALIYUN::ApiGateway::Authorization* | Authorize an API with the access permission to an app. |
| *ALIYUN::ApiGateway::CustomDomain* | Bind a custom domain name and upload the SSL certificate for the specified API group. |
| *ALIYUN::ApiGateway::Deployment* | Release an API to a specified running stage, or switch an API to a specified version. |
| *ALIYUN::ApiGateway::Signature* | Create backend signatures. |
| *ALIYUN::ApiGateway::SignatureBinding* | Bind a backend signature to APIs. |

| ALIYUN::ApiGateway::TrafficControl | Create user-defined traffic throttling strategies. |
|---|---|
| ALIYUN::ApiGateway::TrafficControlBinding | Set user-defined traffic throttles for APIs. |
| ALIYUN::ApiGateway::VpcAccessConfig | Configure VPC authorities to enable the services of VPC APIs. |