

Alibaba Cloud Resource Orchestration Service

Product Introduction

Issue: 20190419

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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 .
<code>Courier font</code>	It is used for commands.	Run the <code>cd / d C :/ windows</code> command to enter the Windows system folder.
<i>Italics</i>	It is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	It indicates that it is an optional value, and only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
<code>{}</code> or <code>{a b}</code>	It indicates that it is a required value, and only one item can be selected.	<code>swich {stand slave}</code>

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1 What is ROS?

Alibaba Cloud Resource Orchestration Service (ROS) is a service that helps you simplify the cloud computing resource management and automate O&M. After compiling a resource stack template, define what cloud resources you need, the dependency between the resources, and the resource configurations. With the orchestration engine, ROS can automatically create and configure all resources for automatic deployment, operation, and maintenance according to your template. An orchestration template is a text file in JSON format that you can read and edit at any time. You can compile your template in JSON directly, or you can use Visual Editor in the ROS console to compile the template more visually. You can control the template version with tools such as SVN or Git. You can also enable IAC (Infrastructure as Code) using API, SDK, and other methods to integrate the orchestration capabilities of ROS into your own applications.

The resource orchestration template also provides a standard delivery method for resources and applications. You can use the template to deliver integrated systems and solutions that include cloud resources and applications. Independent software vendors (ISV) can use such delivery method to easily integrate Alibaba Cloud resources with their own software systems for consistent delivery.

ROS manages cloud resources in groups. A group of resources is a resource stack. Therefore, cloud resources can be created, deleted, modified, and cloned in groups. In DevOps practices, you can easily clone, develop, and test the environments, simplifying the overall migration and scaling of applications.

