

Alibaba Cloud CloudConfig

FAQ

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Document conventions

Style	Description	Example
	A danger notice 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.
	A warning notice 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 restart an instance.
	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type .
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK.
Courier font	Courier font is used for commands.	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
{} or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

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1 Why is cloud resource access authorization required when I activate Cloud Config?

You must authorize Cloud Config to access related resources so that it can evaluate the resources.

When you activate Cloud Config, you must assign a RAM role to Cloud Config so that Cloud Config can assume the role to access resources under your account by calling API operations provided by different services. After the authorization is completed, Cloud Config can obtain configuration details of the resources under your account and evaluate these resources.

2 Why am I unable to find any data in the console after I activate Cloud Config?

Because it takes some time before the service is ready for use.

After you activate Cloud Config, it takes about 10 minutes for the service to initialize, that is, to obtain the resource data in all the regions of each service or product under your account. Wait until the service initialization is completed.

3 Why some of my resources are not listed in the console?

Currently, Cloud Config only supports a part of Alibaba Cloud resource types. More types of resources will be supported in the future.

- **If no data of a specific type of resource appears in the console, it is because Cloud Config does not support this resource type currently. In this case, you can submit a ticket to us. We will support the resource type as soon as possible.**
- **If some data of a specific type of resource does not appear in the console, it may result from certain data problems. In this case, you can submit a ticket to apply for troubleshooting.**

4 Why does no related record appear on the configuration timeline after a configuration is changed?

Cloud Config detects configuration changes at a regular interval of 10 minutes. Wait 0 to 10 minutes until the record appears on the configuration timeline. Note that Cloud Config may fail to detect a configuration change if it occurs and is restored within the same 10-minute interval. In this case, no record will be added to the configuration timeline for the change.

5 How do I configure a custom rule?

For more information about how to configure a custom rule, see [#unique_8](#).

6 How do I obtain more managed rules?

We will provide more managed rules in the future.

You can submit a ticket with the description of the rule that you require. For more information about the format, see [#unique_10](#). We will work together with the team of the involved Alibaba Cloud service or product to determine whether to introduce the required rule.

7 Why are my resources not evaluated after I configure a rule?

Cloud Config evaluates your resources only when a trigger occurs. Evaluation triggers include scheduled time points and configuration changes.

- **If a rule is set to be triggered at a scheduled time point, the involved resources will be evaluated by the rule at that time point.**
- **If a rule is set to be triggered upon configuration changes, the involved resources will be evaluated by the rule after resource configurations are changed.**

You can go to the details page of a rule and click Re-evaluate to obtain the latest audit result.

8 Why doesn't Cloud Config detect a configuration change that results in non-compliance?

The configuration change may occur and be restored within the same 10-minute interval.

If a rule is set to be triggered upon configuration changes, Cloud Config compares the differences between the configuration snapshots taken at the beginning and end of the 10-minute interval and then evaluates the specific resource based on the comparison. If a configuration change occurs and is restored within the same 10-minute interval, Cloud Config may fail to detect the change.

9 What is the relationship between the compliance timeline and the configuration timeline?

The compliance timeline and configuration timeline are two types of collections of compliance evaluations carried out by Cloud Config.

A point on the compliance timeline indicates the result of a compliance evaluation run by Cloud Config at a scheduled time point, triggered upon a configuration change, or manually run. A point on the configuration timeline indicates the record of a configuration change. For a compliance evaluation triggered upon a configuration change, a pair of points is added to the compliance timeline and configuration timeline respectively at the same time.