

Configuration Templates via REST

<https://campus.barracuda.com/doc/96026440/>

The Configuration Template framework is REST-native and provides all necessary endpoints to manage Configuration Templates and instances. The respective REST calls can be integrated into any state-of-the-art technology that can handle REST calls.

Before You Begin

Before you send REST calls to your Control Center, you must enable the REST-API services. For more information on how to enable the REST-API service, see [REST API](#).

Accessing the REST Endpoints

The access to a REST endpoint consists of two parts which build the complete call:

1. Connection to the respective Control Center: `https://<CC-IP>:8443/rest/cc/v1` where `<CC-IP>` is a placeholder for the IP address of the Control Center.
2. Effective endpoint: the URL's content has to be completed by one of the following endpoints listed in the table below, such as `/ranges/.`

The following table gives an overview of all available REST calls. The content of the column **Endpoint** has to be appended to the first part (1) of the URL content.

Action	HTTP Method	Endpoint
Create a ConfTemplate	POST	<code>/ranges/<range>/clusters/<cluster>/conftemplates</code>
List ConfTemplates in the given cluster	GET	<code>/ranges/<range>/clusters/<cluster>/conftemplates</code>
Get the template definition of the given ConfTemplate	GET	<code>/ranges/<range>/clusters/<cluster>/conftemplates/<conftemplate></code>
Update the specified ConfTemplate	PUT	<code>/ranges/<range>/clusters/<cluster>/conftemplates/<conftemplate></code>
Delete the specified ConfTemplate	DELETE	<code>/ranges/<range>/clusters/<cluster>/conftemplates/<conftemplate></code>

Lock the specified ConfTemplate	POST	/ranges/<range>/clusters/<cluster>/conftemplates/<conftemplate>/lock
Get information about the specified ConfTemplate-lock	GET	/ranges/<range>/clusters/<cluster>/conftemplates/<conftemplate>/lock
Delete the specified ConfTemplate-lock	DELETE	/ranges/<range>/clusters/<cluster>/conftemplates/<conftemplate>/lock
Create an instance configured via ConfTemplates	POST	/ranges/<range>/clusters/<cluster>/boxes
Get information about an instance	GET	/ranges/<range>/clusters/<cluster>/boxes/<box>
Update an instance	PUT	/ranges/<range>/clusters/<cluster>/boxes/<box>
Partially update an instance	PATCH	/ranges/<range>/clusters/<cluster>/boxes/<box>
Delete an instance	DELETE	/ranges/<range>/clusters/<cluster>/boxes/<box>
Lock an instance	POST	/ranges/<range>/clusters/<cluster>/boxes/<box>/lock
Get information about an instance-lock	GET	/ranges/<range>/clusters/<cluster>/boxes/<box>/lock
Delete an instance-lock	DELETE	/ranges/<range>/clusters/<cluster>/boxes/<box>/lock
Lists available ConfUnit types	GET	/confunittypes
Show JSON schema specification of the given ConfUnit	GET	/confunittypes/<confunittype>

Example

Use Case	REST Call
In order to list all available types of configuration units, enter the following string into the URL edit-field of your browser. Replace <CC - IP> by your CC IP address.	<code>https://<CC - IP>:8443/rest/cc/v1/confunittypes</code>

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