




How to Create a CC Admin to Access the REST API

<https://campus.barracuda.com/doc/54264893/>

To use the REST API, each call must be authenticated. For Control Center-managed firewalls, create a dedicated CC admin user and administrative role to allow REST API access. In the administrative role, you can differentiate between the internal and external interface and even grant write permissions to the REST API.

Step 1. Create a Custom Administrative Role


1. Go to **CONFIGURATION > Configuration Tree > Multi-Range > Global Settings > Administrative Roles**.
2. Click **Lock**.
3. In the **Roles** section, click **+** to create a new role.
4. Enter a **Name** for the role and click **OK**. The **Roles** configuration window opens.
5. Add the REST API access rights to the administrative role:
 1. Select the **Access to REST API** check box.
 2. Click **Set/Edit** to configure detailed permissions.
 3. Configure the access rights:
 - **Internal API Access** – Provides access to the complete REST API interface.
 - **External API Access** – Provides access to the REST API sub-interface.
Currently, all REST API calls are present in both the internal and external interfaces.
 - **Write Access** – Provides write access on the selected interface.
4. Click **OK**.
6. Click **OK**.
7. Click **Send Changes** and **Activate**.

REST API		
Internal API Access	<input checked="" type="checkbox"/>	
External API Access	<input checked="" type="checkbox"/>	
Write Access	<input checked="" type="checkbox"/>	

Step 2. Create an Admin Account

Add an administrator account, configure authentication settings, and assign the administrative role to the account.

1. Go to **ADMINS**.
2. Click **New Entry**.
3. Enter a **Name** for the account. This is the user login name.
4. From the **Range** list, select which ranges the admin should be able to access.
5. From the **Cluster** list, select which clusters that the admin can access.
6. Click **OK**. The **Administrator** configuration window opens.
7. For local authentication, configure username and password:
 - **Login Name** - Enter the username for the REST API CC admin.
 - **Full Name** - Enter the full name.
 - **Password** - Enter the password.
 - **External Authentication** - Select **Local (No external Authentication)**.



General

Login Name disable

Full Name


Password Confirm

External Authentication

Enforce password strength

External Login Name (empty for same as login)

8. Assign the administrative role:
 - **Roles** - Select the role created in step 1 and click **Add**.
 - **Shell Level** - Select **No Access**.
9. (optional) Change **Login Event** to a less verbose setting.



Operative Settings

Configuration Level Shell Level

Roles

Allow all Operations

Login Event

Given Roles
60 API

10. Click **OK**.
11. Click **Activate**.

The CC admin user you just created can now access the REST API interface for the ranges and clusters assigned to the user.

Figures

1. api_00.png
2. rest_admin_01.png
3. rest_admin_02.png

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