



Configure Credential Profiles

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Create a New Credential Profile

Before you begin

Make sure that the SSH and SNMP are configured on Cisco cBR-8 router.

Step 1 Choose Cisco Operations Hub main menu > **Smart PHY** > **Smart PHY Inventory** > **Credential Profiles**.

Step 2 Click **Create New**.

Step 3 Enter the following details in the text fields.

If you have many credential profiles, make the name and description as informative as possible, because that information is displayed on the **Credential Profiles** panel.

Field Name	Description
Profile Name	Name of the Profile
Username	Username of the Cisco cBR-8 router
Password	Password of the Cisco cBR-8 router
Connectivity Type	SSH
Port Number	22
Save/Delete/Cancel	Use these buttons to complete your action.

Note The Cisco Smart PHY application requires SSH to log in directly to the `exec` mode on the Cisco cBR-8 router.

When a device is added or updated using this profile, the content you specify here is applied to the device.

Step 4 Click **Save**.

Apply Device Credential from Credential Profiles

Using credential profiles lets you apply credential settings consistently across devices. When you add or import devices, you specify the credential profile the devices use. If you need to make a credential change, such as changing a device password, you can edit the profile to update the settings across all devices that use that profile.

Step 1 To view the existing profiles, choose Cisco Operations Hub main menu > **Smart PHY** > **Smart PHY Inventory** > **Credential Profiles**.

Step 2 Click the profile you want to view.

Credential profiles can be shared by multiple devices. Large networks might have similar credentials for hundreds of devices.

The mandatory fields are:

- Profile Name
 - Username
 - Password
 - Connectivity Type
 - Port Number
-

Apply a Different Credential Profile to Existing Devices

You can use the Inventory user interface to edit device information, including changing the credential profile in the inventory record. This operation overwrites any existing association between a device and a credential profile. You can also use this operation to synchronize device configurations with new settings.

Before you begin

You need a credential profile to complete this task.

Step 1 To view inventory, choose Cisco Operations Hub main menu > **Smart PHY** > **Smart PHY Inventory** > **Inventory**.

Step 2 (Optional) In the **Inventory** section, filter the list of devices by entering text in the **Search** field or filtering on the individual headings.

Step 3 Check the check boxes of the devices you want to change, and click the **Edit** icon.

Step 4 Choose a different credential profile from the **Credential Profile** drop-down list, for example, or make other changes in the device records.

Step 5 Click **Save**.

Apply Different Credential Profile in Bulk

This is an alternative to changing the credential profile for devices within the Cisco Smart PHY Inventory Manager GUI. If you are changing the credential profile for a large number of devices, you may find it more efficient to make the change by using a CSV file rather than the Cisco Smart PHY UI. Export a CSV file, make the changes, and import the changed CSV file. This operation overwrites any existing association between a device and a credential profile. You can also use this operation to synchronize device configurations with new settings.

Step 1 (Optional) To review the contents of a credential profile, choose Cisco Operations Hub main menu > **Smart PHY** > **Smart PHY Inventory** > **Credential Profiles**.

Step 2 Click the profile you want to use. Else, create a new profile.

Step 3 To view device inventory, click the **Inventory** tab.

Step 4 Choose which device records to change by including them in the CSV file.

Do one of the following:

- Click the **Export** icon to include all devices.
- Filter the list of devices by entering text in the **Search** field or by filtering on the individual headings, and then click the **Export** icon to include the filtered list of devices.
- Check the check boxes for the device records you want to change, and then click the **Export** icon to include the selected devices.

Step 5 Edit and save the new CSV file. Note: You must save the file opened in MS Excel as a CSV file only.

Step 6 In the Import CSV File dialog box, click **Browse**, select the new CSV file, and click the **Import** icon.

Step 7 In the **Replace Existing Node** dialog box, click **Yes to All**.

Step 8 Click **Save**.

Delete a Credential Profile

To delete a credential profile from Inventory Manager, disassociate the profile from any devices. Inventory Manager displays an alert if you attempt to delete a credential profile that is associated with devices.

(Optional) Check whether any devices are using the obsolete credential profile and change the credential profile before deleting the profile.

1. Choose Cisco Operations Hub main menu > **Smart PHY** > **Smart PHY Inventory** > **Inventory**.
2. In the **Inventory** section, enter the obsolete credential profile name in the **Search** field.
3. Check the check boxes for the devices that use the obsolete credential profile, and click **Edit**.

4. Choose a different credential profile from the **Credential Profile** drop-down list.
5. Click **Save**.

Step 1 Choose Cisco Operations Hub main menu > **Smart PHY** > **Smart PHY Inventory** > **Credential Profiles**.

Step 2 Click the profile, and click **Delete**.

The screenshot displays the 'Credential Profiles' management interface. On the left, a list of profiles is shown, with a '+ Create New' button at the top and a profile named 'sil' selected. On the right, the 'Edit Profile' form is visible, containing the following fields and values:

- Profile Name * sil
- Username * lab
- Password *
- Enable Password
- Connectivity Type * SSH
- Port Number * 22

At the bottom of the form, there are three buttons: 'Save', 'Delete', and 'Cancel'. The 'Delete' button is highlighted with a blue border.

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