

Inventory

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Viewing Device Inventory

Access the Inventory page to view, monitor and support all of the device inventory in your network. The **Inventory** page displays a complete list of the devices and their details in a tabular view. Additionally, it also provides action buttons to perform configuration tasks and apply the latest firmware updates for supported devices. The following table provides details of the information displayed:

Table 1: Inventory Details

Item	Description
Hostname	Displays the name of the device.
Type	The type of device such as a switch, router or wireless access point (WAP).
Tags	Lists any tags associated with the device.
IP	The Internet Protocol (IP) addresses of the device.
MAC	The Media Access Control (MAC) address is a standardized data link layer address that is required for certain network interface types. These addresses are specific and unique to each device and are not used by other devices in the network.
Serial Number	The serial number for the device.
Version	The current firmware version of the device.
Vendor	The vendor that manufactured the device.
Model	Model name of the device.
Notification	A count of the outstanding notifications for the device

The following additional controls are available on the **Inventory** page:

- **Select columns** button—Use this button located at the top left of the table to choose which columns to display.
- **Filter Box**—You may use the **Filter box** to limit the display by typing device names, device types, serial numbers and so on. By default, the inventory is filtered to display only network devices.
- Export to CSV File button - Click this icon to export all devices matching the current filters to a CSV file.
- **Refresh** button—Click this button to update the table to show the latest available information.
- **Action** button —Allow you to perform actions on one or more selected devices. Action buttons are only displayed when one or more devices supporting actions are selected. For more details on these actions, see next topic.

Performing Device Actions

You can perform actions such as firmware update, configuration backup & restore and reboot easily on devices in the network. To perform these actions, do the following:

Procedure

Step 1 On the **Inventory** page, click on a network device such as a switch or a router.

Step 2 In the **Basic Info** panel, select the **Actions** tab. Depending on the device capabilities one or more of the following actions are displayed:

Update firmware to latest	Allows you to apply the latest firmware update to the device. Cisco Business Dashboard Lite will download the update from Cisco and then upload it to the device. The device will reboot at the completion of the update.
Upgrade From Local	Allows you to upload a firmware upgrade file from your local drive. Cisco Business Dashboard Lite will upload the file to the device, and the device will reboot at the completion of the update.
Backup Configuration	Allows you to save a copy of the current device configuration on the Dashboard. **a.** Click **Backup Configuration**. **b.** In the **Backup Configuration** window, optionally, you may add a note in the text box for the backup you wish to perform. **Note** This note is displayed whenever the backup is listed in the GUI. **c.** Click **Save Backup** to complete this action or **Cancel** if you no longer wish to proceed. A backup configuration job is created and may be viewed in the **Task Center**.

Restore Configuration	Allows you to restore a previously backed up configuration to the device. Click **Restore Configuration**. The following backup configuration options are provided: • **Backups for *device name***—Lists all available backups to configure for a specific device • **Backup for other device**—Lists all available backups to configure other devices of the same type or same Product ID • **Backup for other compatible device**—Lists all available backups to configure other devices in the series that are compatible with the selected device To perform the backup configuration, do the following: **a.** In the **Restore Configuration** window, select the backup you wish to restore to the device. Use the scroll bar to view all the available backups and click the corresponding radio button. This enables the **Restore Configuration** button. Alternatively, you may choose to upload a configuration file. To do so, drag and drop the configuration file onto the target area, or click on the target area to select a file from the file system. **b.** Click **Restore Configuration** to complete this action. A restore configuration job is created and may be viewed in the **Task Center**.
Reboot	Restarts the device. When you click this button, you will be prompted to click again to confirm.
Save Running Configuration	For devices that support separate running and startup configurations, this action copies the current running configuration to the startup configuration. This ensures any configuration changes that are retained when the device next reboots.
Run CLI Command	Open the CLI Command Runner tool with the selected devices automatically pre-populated.
Delete	Remove an offline device from the Topology and Inventory.

Step 3 Device actions may optionally be scheduled to take place at a later time. To schedule a device action, click **Schedule** and fill out the form to create a new **Schedule Profile**.

Accessing the Device CLI

In some circumstances, you may need to access the command line interface of a network device directly. To access the command line interface, do the following:

1. On the **Topology** or **Inventory** page, click on a network device such as a switch which you want to access the command line interface (CLI).

2. In the Basic Info panel, click **Open Device CLI** icon at the upper right corner. A new window will open in your browser showing the device command line interface.
3. SSH server must be enabled for CBD Lite to access the CLI. If it's not enabled, an option may be provided to initiate a jobthat enables it automatically. Please wait a few minutes for the job to complete successfully, then try again by clickingthe Open Device CLI icon.
4. If a device has saved credentials, CBD Lite will automatically log in SSH using those credentials. Otherwise, users will needto manually enter their username and password.



Note When you access the command line interface by clicking Open Device CLI icon, your browser will connect to the device through the Dashboard.