



## Tools

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This chapter contains the following sections:

- [CLI Command Runner, on page 1](#)
- [Device Integrity, on page 2](#)

## CLI Command Runner

The **CLI Command Runner** tool allows you to execute diagnostic CLI commands on supported devices and immediately view the output. You may run one or more commands across any number of selected devices from a single workflow.



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**Note** CLI Command Runner is intended for **EXEC** mode diagnostic commands, such as show commands. Use **CLI Template** for configuration-related tasks.

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## Run Diagnostic CLI Commands

Complete these steps to run the diagnostic CLI command runner.

### Procedure

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- Step 1** Navigate to **Tools > CLI Command Runner**.
- Step 2** Select the target type: **Devices, or All Devices**.
- Step 3** If the target type is Devices, in **Select Devices** field, type to search and select the devices on which the commands should run.
- Step 4** In **Select/Enter Commands** field, choose commands from the default command list or enter commands manually. The current user most recent executed 20 commands are listed at the top of the command list.
- Step 5** Optionally, select **Auto Enable SSH Server on Device** to automatically enable the SSH server on supported devices before command execution.
- Step 6** Click **Run Command(s)**.

### Note

Commands are executed on the device through an SSH connection. Cisco Business Dashboard can automatically enable the SSH server on supported devices if it is currently disabled. If automatic enablement is not supported for a device, you must manually enable the SSH server on that device before proceeding.

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## Review and Export CLI Output

Follow these steps to review and export the CLI output.

### Procedure

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- Step 1** Navigate to **Tools > CLI Command Runner**.
  - Step 2** Click the **Last Run** link beside the page title.
  - Step 3** Review the results of the most recent execution and export the output if required
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## View the Last Execution Results

Follow these steps to review and export the CLI output.

### Procedure

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- Step 1** Navigate to **Tools > CLI Command Runner**.
  - Step 2** Click the **Last Run** link beside the page title.
  - Step 3** Review the results of the most recent execution and export the output if required
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## Device Integrity

This service analyzes the integrity of your Cisco product by verifying key components of Cisco's software and hardware that include Cisco's Trustworthy Technologies. These security technologies are designed into Cisco Networking devices to protect against counterfeit and software modification and verify that Cisco

products are operating as intended.

The screenshot displays the Cisco Business Dashboard Administration interface for Device Integrity. The main heading is "DNI26500B5" with a green checkmark, identifying the device as a "Catalyst 1300 Series Managed Switch, 16-port GE, PoE, 4x10G SFP+ (C1300-16P-4X)". A green banner indicates "Device integrity check passed."

The interface is divided into three columns:

- Device Identification:** Lists "Device Identified" (green check), "SUDI Validation" (green check), and "Integrity Check" (green check). Under SUDI Validation, items include Cisco Root CA, Cisco SUDI Sub-CA, Cisco SUDI Device-CA, and Cisco SUDI Signature. Under Integrity Check, items include Output Signature, PCRO, Boot Loader, PCRB, and Device OS.
- Product:** Lists "Product ID" (C1300-16P-4X), "Boot Loader" (1.0.76), and "Firmware" (4.0.0.91).
- Certificate:** Lists "Certificate" (High Assurance SUDI CA), "Issuer" (Cisco), "Valid From" (2022-12-29), and "Valid Thru" (2099-08-09).

On the left, a "Verify" step is shown with instructions to open the CLI and run commands: `show inventory`, `show platform sudi certificate sign nonce 20138291`, and `show platform integrity sign nonce 893368255`. A "Verify" button and "Start Over" link are visible.

To verify device integrity, follow these steps:

1. Copy the CLI commands.
2. Open the device command line interface (CLI), paste and run the CLI commands.
3. On the CBD GUI, paste the CLI outputs or save the CLI outputs into a file, then upload.
4. Click **Verify**.

