



Factory Reset

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Information About Factory Reset

Factory reset removes all the customer-specific data that has been added to a device since the time of its shipping. The erased data includes configurations, log files, boot variables, core files, and credentials such as Federal Information Processing Standard-related (FIPS-related) keys.

The device returns to its default license configuration after a factory reset.



Note The factory reset is performed through an IOS CLI. A copy of the running image is backed up and restored after the reset.

Prerequisites for Performing Factory Reset

- Ensure that all the software images, configurations, and personal data are backed up.
- Ensure that there is uninterrupted power supply when the factory reset is in progress.
- Ensure that you take a backup of the current image.

Performing Factory Reset

Procedure

	Command or Action	Purpose
Step 1	enable Example:	Enables privileged EXEC mode. Enter your password, if prompted.

	Command or Action	Purpose
	Device> enable	
Step 2	<p>factory-reset all secure 3-pass</p> <p>Example:</p> <pre>Device# factory-reset all secure 3-pass</pre>	<p>Removes sensitive data from all the partitions that are currently being cleaned up by the factory-reset all command.</p> <p>From Cisco IOS-XE 17.10 onwards, the following are the three passes to erase data in disk partitions:</p> <ul style="list-style-type: none"> • Write 0s • Write 1s • Write a random byte <p>Note The factory reset takes 3 to 6 hours to be completed.</p>