



F Commands

This chapter describes the system management commands that begin with F.

factory reset

To remove all the identifiable customer information on Cisco NX-OS devices in conditions of product removal due to Return Merchandise Authorization (RMA), or upgrade or replacement, or system end-of-life you can use the factory-reset command to securely erase all information.

factory-reset {fex [fex-id |<all>]}



Note

There is no form for this command, once deleted you cannot regain the deleted information.

Command History

Release	Modification
7.3(11)N1(1)	This command was introduced.

Usage Guidelines

You use this command to erase customer information.

This command does not require a license.



Note

If fex is attached to the switch, to erase the customer data on the connected fex perform below operation before performing a factory reset on the switch:

- To erase customer data on a single fex - **factory reset fex <fex-id>**
- To erase customer data on all fex - **factory reset fex all**

Examples

This example shows the factory-reset of a switch:

```
switch(config)# factory-reset
!!!! WARNING !!!! The factory reset operation will erase ALL persistent storage
on the specified module. This includes configuration, all log data, and the full
contents of flash and SSDs. Special steps are taken in an effort to render data
non-recoverable. Please, proceed with caution and understanding that this
operation cannot be undone and will leave the system in a fresh-from-factory
state.
!!!! WARNING !!!!

Continue? (y/n) [n] y

A device reload is required for the reset operation to proceed. Please, wait...

WARNING: This command will reboot the system 2006 Apr 24 06:23:17 switch %$
VDC-1 %$ %PFMA-2-PFM_SYSTEM_RESET: Manual system restart from Command Line
Interface [ 972.939186] Shutdown Ports.. [ 972.947864] writing reset reason 9,
Secure erase requested! Please, do not power off module!
```

feature ptp

To enable the PTP feature, use the **feature ptp** command. To unconfigure the PTP feature, use the **no** form of this command.

feature ptp

no feature ptp

Syntax Description There are no arguments or keywords for this command.

Command Default None

Command Modes Global configuration mode

Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

Examples This example shows how to enable PTP on the device:

```
switch# configure terminal
switch(config)# feature ptp
feature ptp
```

To enable the PTP feature, use the **feature ptp** command. To unconfigure the PTP feature, use the **no** form of this command.

feature ptp

no feature ptp

Syntax Description There are no arguments or keywords for this command.

Command Default None

Command Modes Global configuration mode

Command History	Release	Modification
	6.0(2)N1(1)	This command was introduced.

Examples

This example shows how to enable PTP on the device:

```
switch# configure terminal  
switch(config)# feature ptp
```

Related Commands

Command	Description
feature ptp	Enables or disables PTP on the device.
ptp source	Configures the source IP address for all PTP packets.
ptp domain	Configures the domain number to use for this clock.
ptp priority1	Configures the priority 1 value to use when advertising this clock.
ptp priority2	Configures the priority 1 value to use when advertising this clock.
show ptp brief	Displays the PTP status.
show ptp clock	Displays the properties of the local clock.