

HP 1950-CMW710-R3109P05 Release Notes

Software Feature Changes

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Contents

Release 3109P05	1
New feature: Upgrading PSE firmware in service	1
Upgrading PSE firmware in service	1
Command reference	1
display poe pse	1
poe update	2
Release 3109P01	4
Release 3108P02	5
Release E3107	6

Release 3109P05

This release has the following changes:

New feature: Upgrading PSE firmware in service

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Upgrading PSE firmware in service

You can upgrade the PSE firmware in service in either of the following modes:

- **Refresh mode**—Updates the PSE firmware without deleting it. You can use the refresh mode in most cases.
- **Full mode**—Deletes the current PSE firmware and reloads a new one. Use the full mode if the PSE firmware is damaged and you cannot execute any PoE commands.

Command reference

display poe pse

Use **display poe pse** to display PSE information.

Syntax

display poe pse [*pse-id*]

Views

User view

Predefined user roles

network-admin

network-operator

Parameters

pse-id: Specifies a PSE by its ID.

Usage guidelines

If you do not specify a PSE, this command displays information about all PSEs.

Examples

```
# Display detailed information about PSE 7.
<Sysname> display poe pse 7
PSE ID                : 7
Slot No.              : 1
SSlot No.             : 0
PSE Model             : LSP7P0EB
PSE Status            : Enabled
Power Priority         : Low
```

```

Current Power           : 0.0      W
Average Power           : 0.0      W
Peak Power              : 0.0      W
Max Power               : 370.0    W
Remaining Guaranteed Power : 370.0    W
PSE CPLD Version        : -
PSE Software Version     : 130
PSE Hardware Version     : 57633
Legacy PD Detection      : Disabled
Power Utilization Threshold : 80
PD Power Policy          : Disabled
PD Disconnect-Detection Mode : AC

```

Table 1 Command output

Field	Description
PSE ID	ID of the PSE.
Slot No.	Slot number of the PSE.
SSlot No.	Subslot number of the PSE.
PSE Status	PoE status of the PSE: • Enabled. • Disabled.
Power Priority	Power priority of the PSE.
Current Power	Current power of the PSE.
Average Power	Average power of the PSE.
Peak Power	Peak power of the PSE.
Max Power	Maximum power of the PSE.
Remaining Guaranteed Power	Remaining guaranteed power of the PSE = Maximum guaranteed power of the PSE – Total maximum power of all critical PIs of the PSE.
PSE CPLD Version	PSE CPLD version number.
PSE Software Version	PSE software version number.
PSE Hardware Version	PSE hardware version number.
Legacy PD Detection	Nonstandard PD detection status: • Enabled. • Disabled.
Power Utilization Threshold	PSE power alarm threshold.
PD Power Policy	PD power management policy mode.
PD Disconnect Detection Mode	PD disconnection detection mode.

poe update

Use **poe update** to upgrade a PSE firmware when the device is operating.

Syntax

poe update { **full** | **refresh** } *filename* [**pse** *pse-id*]

Views

User view

Predefined user roles

network-admin

Parameters

full: Upgrades the PSE firmware in full mode.

refresh: Upgrades the PSE firmware in refresh mode.

filename: Specifies the name of the upgrade file, a case-sensitive string of 1 to 64 characters. The specified file must be in the root directory of the file system of the device.

pse *pse-id*: Specifies a PSE by its ID.

Usage guidelines

You can upgrade the PSE firmware in service in either of the following modes:

- **Refresh mode**—Updates the PSE firmware without deleting it. You can use the refresh mode in most cases.
- **Full mode**—Deletes the current PSE firmware and reloads a new one. Use the full mode if the PSE firmware is damaged and you cannot execute any PoE commands.

Examples

Upgrade the firmware of PSE 7 in service.

```
<Sysname> poe update refresh POE-168.bin pse 7
```

Release 3109P01

First release.

Release 3108P02

First release.

Release E3107

First release.