

FACT_install

FACT can install new firmware on an SFS OS switch or on an unmanaged switch. To install a new firmware image into an individual switch or a set of switches, use the **install** command. (For more information about installing firmware using FACT, see [Installing Firmware with FACT](#).)

install {*switches*} from {*path*}

Syntax Description

| | |
|-----------------|---|
| <i>switches</i> | Identifies the switches on which to install the firmware. |
| from | Identifies the source set. |
| <i>path</i> | Identifies the firmware file to install. For an SFS OS switch, <i>path</i> must be a path with the following format: ftp://user:password@host/path/file/build .img For unmanaged switches, <i>path</i> is a file on the host on which FACT is running. |

Command Default

No default behavior or values.

Usage Guidelines

FACT cannot install firmware into OEM switches.

Note: Because each firmware image is designed for a specific switch model, if you update a group of switches at one time, all switches must be of the same model.

For unmanaged switches, FACT copies the new firmware image file to the ibspark host and uses ibspark to install it. For information about obtaining ibspark, see [Obtaining and Installing ibspark](#).

The **install** command runs for three to four minutes and provides minimal feedback while running. To monitor progress, use the **--trace** command-line argument if you are installing firmware on multiple switches. If you are

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installing on a single switch, use the **--trace** and **--sequential** arguments. For more information about command-line options, see the [Command-Line Options Table](#).

Note: When you install firmware on an SFS OS switch that is configured to be the master Subnet Manager, wait for at least one minute after the installation for the Subnet Manager to take control of the subnet before rescanning the fabric, or the scan fails and no master Subnet Manager is found.

Examples

The following example shows installing firmware on an SFS OS switch in switchA:

```
fact> install switchB from ftp://jsmith:password@ftphost/pub//Topspin120d-TopspinOS-2.9.0-build1
Checking switchB

These switches are running SFS-7000D version 2.11.0 build 91:
    switchB

Install [Y/n]? yes
Installing switchB
Waiting for switchB to reboot
Switch switchB rebooted
Rescan fabric to update switch versions.
fact> scan fabric
Scanning host01
Scanning switchA
Scanning switchB
Scanning Master Subnet Manager at host01
```

The following example shows installing firmware on an unmanaged switch.

```
fact> install switchC from myfirmware.img
Checking switchC

These switches are already running version 1.0.0:
    switchC

Install anyway [y/N]? yes
Installing switchC
Switches are rebooting. Rescan fabric after network stabilizes.
fact> scan fabric
Scanning localhost
Scanning Master Subnet Manager on localhost
```

Related Commands

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show versions