

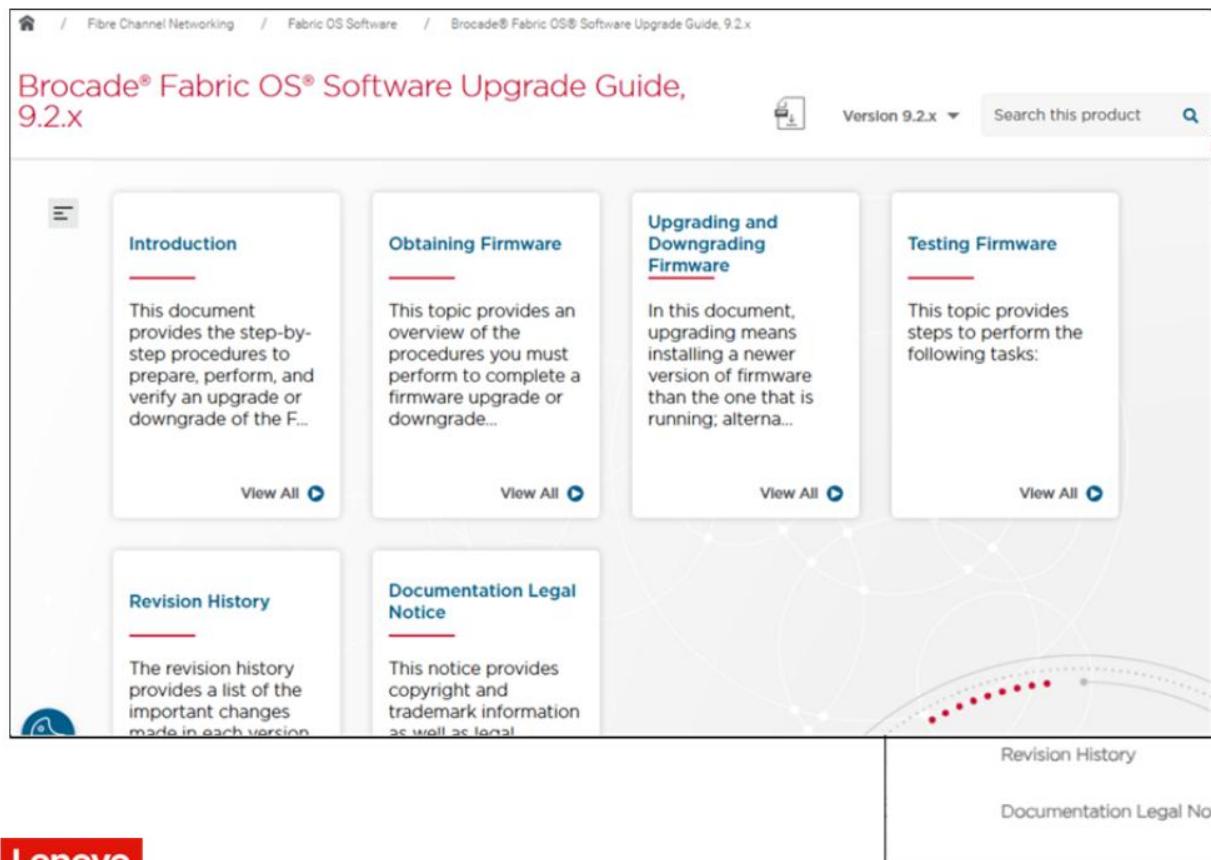
Updating Fabric OS

How to update Fabric OS in GUI mode

Lenovo

Obtaining Fabric OS firmware

For more information on how to obtain Fabric OS firmware and its release note, go to the [Brocade Fabric OS Software page](#), select **Fabric OS Software Upgrade**, and then select **Obtaining Firmware**.



The screenshot shows the Brocade Fabric OS Software Upgrade Guide, 9.2.x website. The 'Obtaining Firmware' section is highlighted. The page includes a navigation bar with 'Fibre Channel Networking', 'Fabric OS Software', and 'Brocade® Fabric OS® Software Upgrade Guide, 9.2.x'. It features a search bar and a version dropdown set to 'Version 9.2.x'. The 'Obtaining Firmware' section is described as providing an overview of the procedures required for a firmware upgrade or downgrade. Below this, there are sections for 'Upgrading and Downgrading Firmware' and 'Testing Firmware', each with a 'View All' button. At the bottom, there are links for 'Revision History' and 'Documentation Legal Notice'.

Obtaining Firmware

Version 9.2.x | Search this product | [View All](#)

This topic provides an overview of the procedures you must perform to complete a firmware upgrade or downgrade.

The Fabric OS firmware upgrade process consists of the following major procedures:

1. Choose one of the following options to download the Fabric OS firmware files to a fixed-port switch or director:
 - Download the Fabric OS firmware files from the Broadcom® website.
 - Download the firmware from a USB stick that is attached to the switch.
2. Choose one of the following options to upgrade or downgrade to the newer version of Fabric OS firmware:
 - Upgrade the firmware on a fixed-port switch.
 - Upgrade the firmware on a director.

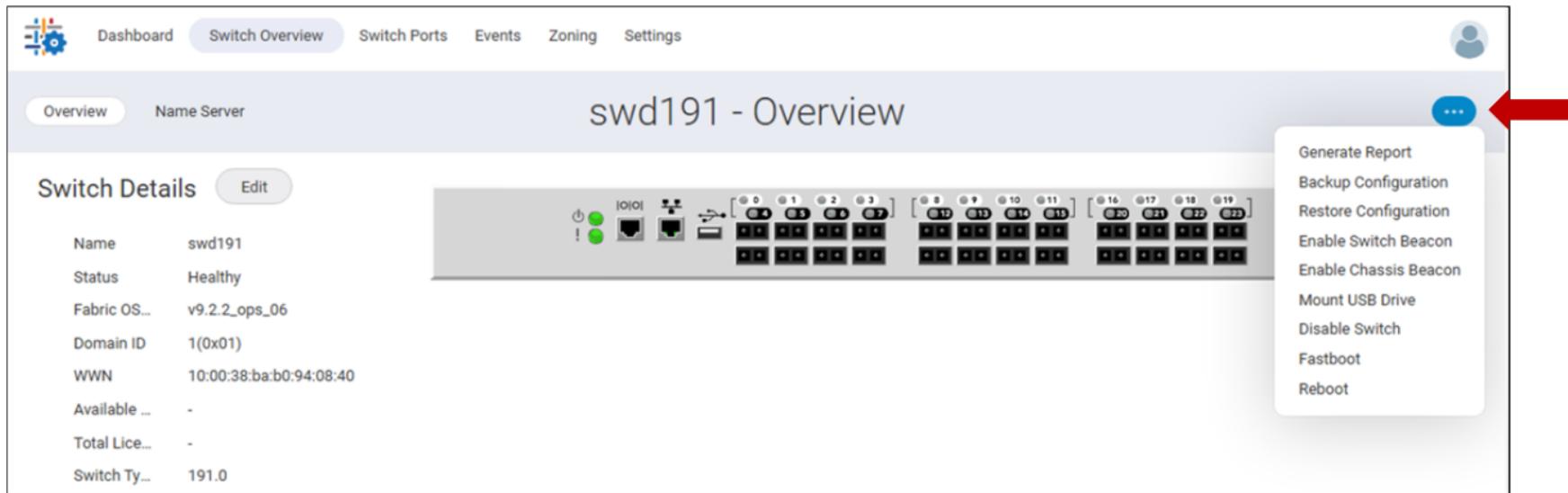
Fabric OS v9.2.x supports the Platform Specific Download (PSD) versions that load on specific Brocade supported platforms. For example, a Fabric OS v9.2.2_G7_ENTP file can be installed only on a Brocade G730 Switch. Fabric OS PSD releases are full versions of a given Fabric OS release that can be loaded only on a single hardware platform. You must download the Fabric OS PSD images separately for each platform that the Fabric OS release will be used on.

Backing up the switch configuration

Back up the configuration regularly to ensure that a complete configuration is available for downloading to a replacement switch or before updating Fabric OS. The switch configuration can be backed up to an FTP server or a USB key.

Choose one of the following methods to back up the configuration:

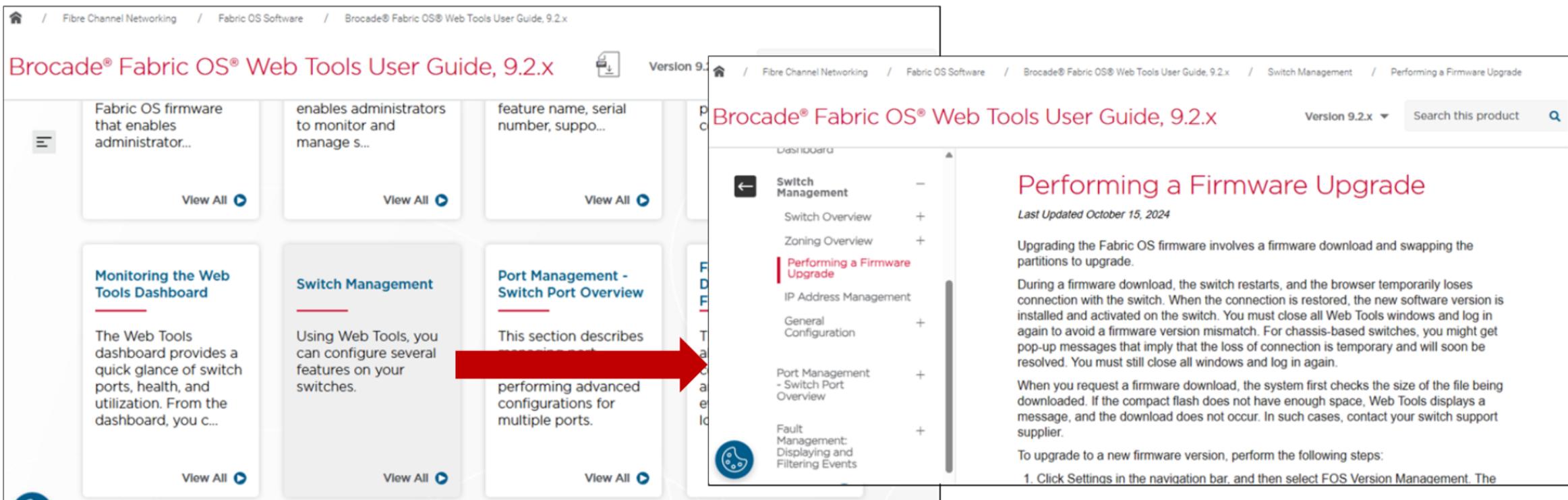
- Command line: Use the `configUpload` command.
- Web GUI: Log in to web console as admin, select **Switch Overview**, and then select **Backup Configuration** from the actions drop-down menu in the top right corner. Follow the instructions to back up the switch configuration.



Updating firmware with Fabric OS Web Tools

To update DB710S firmware with Fabric OS Web Tools, go to **Settings → FOS Version Management**, and then click **Update**. Click [HERE](#) to see a screenshot.

For complete instructions about how to update firmware with Fabric OS Web Tools, go to the [Brocade Fabric OS Software page](#), open the **Fabrics OS Web Tools** user guide, select **Switch Management**, and then select **Performing a Firmware Upgrade**.



The image shows two screenshots of the Brocade Fabric OS Web Tools User Guide, 9.2.x. The left screenshot is a general overview of the user guide, showing sections like 'Monitoring the Web Tools Dashboard', 'Switch Management', and 'Port Management - Switch Port Overview'. A red arrow points from the 'Port Management - Switch Port Overview' section to the right screenshot. The right screenshot is a detailed view of the 'Performing a Firmware Upgrade' section, which includes a table of contents on the left and a main content area with instructions and a note about upgrading the Fabric OS firmware.

Brocade® Fabric OS® Web Tools User Guide, 9.2.x

Version 9.2.x

Fibre Channel Networking / Fabric OS Software / Brocade® Fabric OS® Web Tools User Guide, 9.2.x

Fabric OS firmware that enables administrators to monitor and manage s... View All

enables administrators to monitor and manage s... View All

feature name, serial number, suppo... View All

Monitoring the Web Tools Dashboard

The Web Tools dashboard provides a quick glance of switch ports, health, and utilization. From the dashboard, you c... View All

Switch Management

Using Web Tools, you can configure several features on your switches. View All

Port Management - Switch Port Overview

This section describes performing advanced configurations for multiple ports. View All

Brocade® Fabric OS® Web Tools User Guide, 9.2.x

Version 9.2.x

Fibre Channel Networking / Fabric OS Software / Brocade® Fabric OS® Web Tools User Guide, 9.2.x / Switch Management / Performing a Firmware Upgrade

Dashboard

Switch Management

Switch Overview

Zoning Overview

Performing a Firmware Upgrade

IP Address Management

General Configuration

Port Management - Switch Port Overview

Fault Management: Displaying and Filtering Events

Performing a Firmware Upgrade

Last Updated October 15, 2024

Upgrading the Fabric OS firmware involves a firmware download and swapping the partitions to upgrade.

During a firmware download, the switch restarts, and the browser temporarily loses connection with the switch. When the connection is restored, the new software version is installed and activated on the switch. You must close all Web Tools windows and log in again to avoid a firmware version mismatch. For chassis-based switches, you might get pop-up messages that imply that the loss of connection is temporary and will soon be resolved. You must still close all windows and log in again.

When you request a firmware download, the system first checks the size of the file being downloaded. If the compact flash does not have enough space, Web Tools displays a message, and the download does not occur. In such cases, contact your switch support supplier.

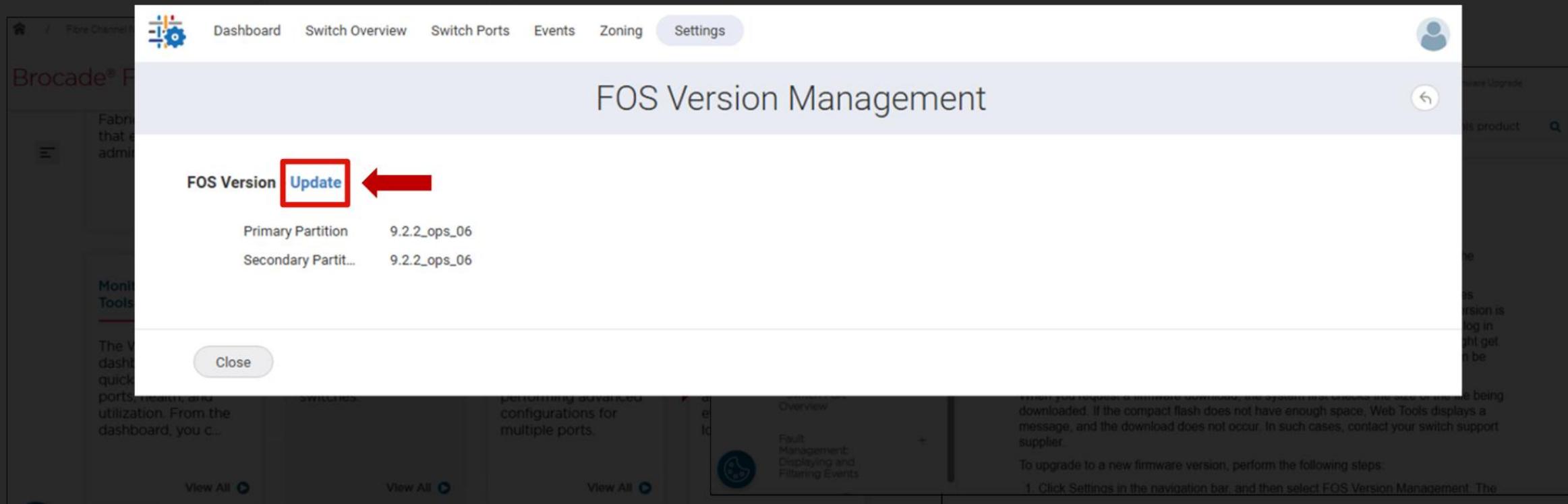
To upgrade to a new firmware version, perform the following steps:

1. Click Settings in the navigation bar, and then select FOS Version Management. The

Updating firmware with Fabric OS Web Tools

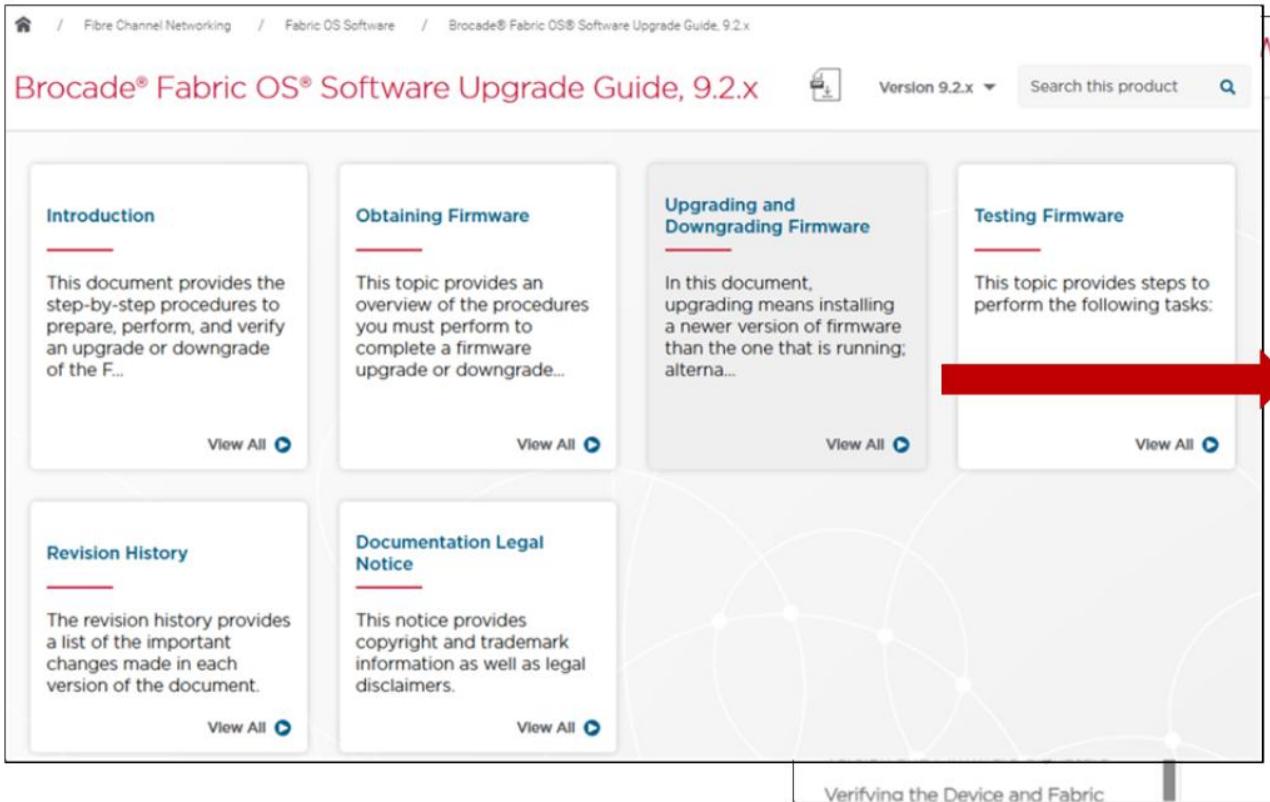
To update DB710S firmware with Fabric OS Web Tools, go to **Settings** → **FOS Version Management**, and then click **Update**. Click [HERE](#) to see a screenshot.

For complete instructions about how to update firmware with Fabric OS Web Tools, go to the [Brocade Fabric OS Software page](#), open the **Fabrics OS Web Tools** user guide, select **Switch Management**, and then select **Performing a Firmware Upgrade**.



Updating firmware through the CLI

For complete instructions about how to update Fabric OS firmware with CLI commands, refer to the **Updating Firmware on Fixed-Port Switches** section of the Brocade **Fabric OS Software Upgrade Guide** on the [Brocade Fabric OS Software page](#).



The screenshot shows the Brocade Fabric OS Software Upgrade Guide, 9.2.x website. The 'Upgrading and Downgrading Firmware' section is highlighted with a red arrow pointing to the 'Upgrading Firmware on Fixed-Port Switches' page on the right.

Brocade® Fabric OS® Software Upgrade Guide, 9.2.x

Version 9.2.x | Search this product

Upgrading and Downgrading Firmware

This document, upgrading means installing a newer version of firmware than the one that is running; alterna...

Testing Firmware

This topic provides steps to perform the following tasks:

Upgrading Firmware on Fixed-Port Switches

Last Updated October 15, 2024

This section provides the step-by-step instructions on how to upgrade firmware on the fixed-port switches.

Before you begin:

The firmware download is an incremental process in Fabric OS v9.2.x. During the firmware download process, the checksum of a package to be downloaded is compared with the existing checksum files on the switch. The checksum files already present are skipped if they are the same, and only the new and modified packages are downloaded on the switch.

Before you begin, see [Connected Switches](#) and confirm that all connected switches in the fabric are running a supported Fabric OS version before starting any upgrade. If they are not, you should upgrade the deficient switches before proceeding. You can use the `firmwareShow` command to determine the current firmware version on each switch.

1. Connect to the switch that you want to upgrade, and log in using an account with admin permissions.
2. Enter the `firmwareDownload` command. Enter `y` at the following EULA prompt and respond to the successive interactive prompts.

Please acknowledge that you have read and accept Broadcom's EULA stipulations. Please respond (Y/y=accept, N/n=do not accept, or (S/s) to show the EULA) : Y