



Falcon

Product Technical Note

System Update

Document version: 1.1

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Falcon Models: System Update

The Falcon system update includes two image files. One is the software image loaded on the switch core ASIC. The other is the firmware image that is loaded on the FPGA.

- Software image should be loaded before the firmware image.
- Before starting any of the update stages save the running configuration by clicking the save running config button on the left side of the top bar

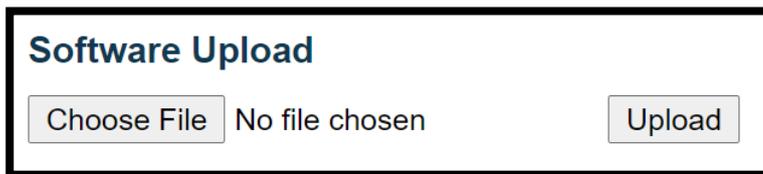


1 Software Update via web GUI

Webpage: Maintenance>Software>Upload

- Through the navigation menu on left sidebar select the **Software Upload** page:
- Hit the **Choose File** button, locate the image file and press **Enter**
- Hit the **Upload** button only once. Wait for the system to complete the upload (this part may take a couple of minutes).
- Older versions will only allow to upload the software image as shown below

Note: When upgrading a Falcon-RX model, **do NOT extract the .gz file!** Upload file as is.



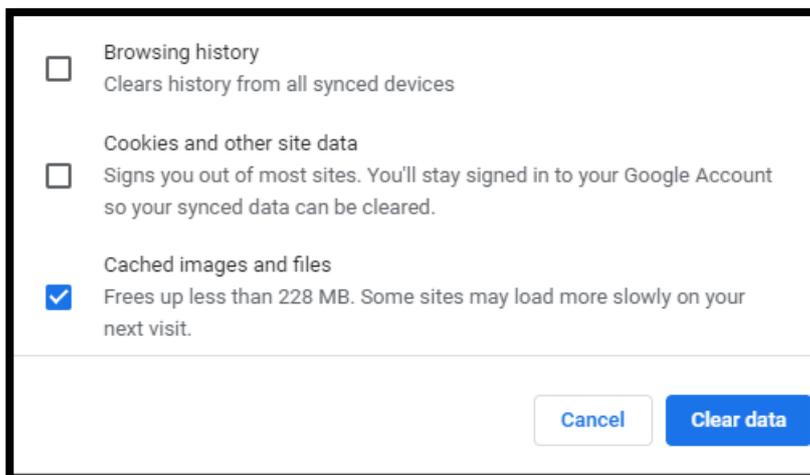
- The system will reboot automatically when the upgrade is complete.
- To verify the update was completed successfully check the following GUI webpage:

Webpage: Monitor>System>Information

- After the upgrade **clear** the browser **cache** memory through the browser setting menu.



- There is no need to clear browsing date, passwords or cookies. Only clear the cache data

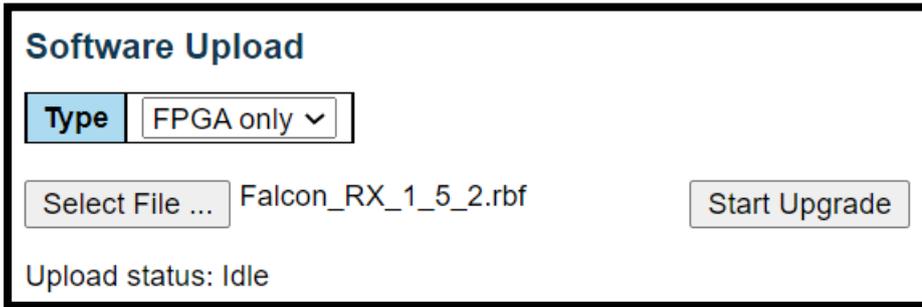


- Refresh the web GUI page

2 Firmware Update via web GUI

Webpage: Maintenance>Software>Upload

- Through the navigation menu on left sidebar select the **Software Upload** page:
- Set type of image to upload: **FPGA only** (this option might only appear after latest software update and the browser cache data clearing).
- Hit the **Select File** button, locate the image file and press **Enter**
- Hit the **Start Upgrade** button once.



Software Upload

Type

Select File ... Falcon_RX_1_5_2.rbf

Upload status: Idle

- To verify the update was completed successfully check the following GUI webpage:

Webpage: Monitor>System>Information

Notes:

1. The System will reboot automatically after each image upload.
2. Image file types:
 - R class software image file type .gz (e.g. Falcon_RX812G_8-0-21-3.ext4.gz)
 - R class firmware image file type .rbf (e.g. Falcon_RX_1_6_1.rbf)
 - M class software image file type .mfi (e.g. Falcon-MXG_7-4-37-2.mfi)
 - M class firmware image file type .bit (e.g. Falcon-MX-5-9-5.bit)

We've got Timing for you!



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