



Downloading and installing the Cisco FC RCF files

ONTAP MetroCluster

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Downloading and installing the Cisco FC RCF files

You must download the RCF file to each switch in the MetroCluster fabric configuration.

This task requires file transfer software, such as FTP, Trivial File Transfer Protocol (TFTP), SFTP, or Secure Copy Protocol (SCP), to copy the files to the switches.

These steps must be repeated on each of the Cisco FC switches in the MetroCluster fabric configuration.

You must use the supported switch software version.

[NetApp Hardware Universe](#)

There are four RCF files, one for each of the four switches in the MetroCluster fabric configuration. You must use the correct RCF files for the switch model you are using.

Switch	RCF file
FC_switch_A_1	<code>NX3232_v1.80_Switch-A1.txt</code>
FC_switch_A_2	<code>NX3232_v1.80_Switch-A2.txt</code>
FC_switch_B_1	<code>NX3232_v1.80_Switch-B1.txt</code>
FC_switch_B_2	<code>NX3232_v1.80_Switch-B2.txt</code>



The outputs shown are for Cisco IP switches; however, these steps are also applicable for Cisco FC switches.

Steps

1. Download the Cisco FC RCF files from the [MetroCluster RCF download page](#).
2. Copy the RCF files to the switches.
 - a. Copy the RCF files to the first switch:

```
copy sftp://root@FTP-server-IP-address/tftpboot/switch-specific-RCF  
bootflash: vrf management
```

In this example, the `NX3232_v1.80_Switch-A1.txt` RCF file is copied from the SFTP server at `10.10.99.99` to the local bootflash. You must use the IP address of your TFTP/SFTP server and the file name of the RCF file that you need to install.

```

IP_switch_A_1# copy sftp://root@10.10.99.99/tftpboot/NX3232_v1.8T-
X1_Switch-A1.txt bootflash: vrf management
root@10.10.99.99's password: password
sftp> progress
Progress meter enabled
sftp> get /tftpboot/NX3232_v1.80_Switch-A1.txt
/bootflash/NX3232_v1.80_Switch-A1.txt
Fetching /tftpboot/NX3232_v1.80_Switch-A1.txt to
/bootflash/NX3232_v1.80_Switch-A1.txt
/tftpboot/NX3232_v1.80_Switch-A1.txt          100% 5141      5.0KB/s
00:00
sftp> exit
Copy complete, now saving to disk (please wait)...
IP_switch_A_1#

```

- b. Repeat the previous substep for each of the other three switches, being sure to copy the matching RCF file to the corresponding switch.
3. Verify on each switch that the RCF file is present in each switch's `bootflash` directory:

dir bootflash:

The following example shows that the files are present on IP_switch_A_1:

```

IP_switch_A_1# dir bootflash:
      .
      .
      .
5514   Jun 13 22:09:05 2017  NX3232_v1.80_Switch-A1.txt
      .
      .
      .

Usage for bootflash://sup-local
 1779363840 bytes used
13238841344 bytes free
15018205184 bytes total
IP_switch_A_1#

```

4. Copy the matching RCF file from the local bootflash to the running configuration on each switch:

copy bootflash:switch-specific-RCF.txt running-config

5. Copy the RCF files from the running configuration to the startup configuration on each switch:

copy running-config startup-config

You should see output similar to the following:

```
IP_switch_A_1# copy bootflash:NX3232_v1.80_Switch-A1.txt running-config
IP_switch_A_1# copy running-config startup-config
```

6. Reload the switch: **reload**

```
IP_switch_A_1# reload
```

7. Repeat the previous steps on the other three switches in the MetroCluster IP configuration.

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