Renaming a Brocade FC switch

ONTAP MetroCluster

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July 16, 2021

This PDF was generated from https://docs.netapp.com/us-en/ontap-metrocluster/maintain/task_rename_a_brocade_fc_switch.html on September 24, 2021. Always check docs.netapp.com for the latest.

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You might need to rename a Brocade FC switch to ensure consistent naming throughout your configuration.

Steps

1. Persistently disable the switch or switches in one fabric:

   `switchcfgpersistentdisable`

   The following example shows the output for the **`switchcfgpersistentdisable`** command:

   ```
   7840_FCIP_2:admin> switchcfgpersistentdisable
   Switch's persistent state set to 'disabled'
   2018/03/09-07:41:06, [ESM-2105], 146080, FID 128, INFO, 7840_FCIP_2, VE
   Tunnel 24 is DEGRADED.
   2018/03/09-07:41:06, [ESM-2104], 146081, FID 128, INFO, 7840_FCIP_2, VE
   Tunnel 24 is OFFLINE.

   7840_FCIP_2:admin>
   ```

2. Rename the switch or switches:

   `switchname` ***`new-switch-name`***

   If you are renaming both switches in the fabric, use the same command on each switch.

   The following example shows the output for the **`switchname`** ***`new-switch-name`*** command:

   ```
   7840_FCIP_2:admin> switchname FC_switch_1_B
   Committing configuration...
   Done.
   Switch name has been changed.Please re-login into the switch for the
   change to be applied.
   2018/03/09-07:41:20, [IPAD-1002], 146082, FID 128, INFO, FC_switch_1_B,
   Switch name has been successfully changed to FC_switch_1_B.
   7840_FCIP_2:admin>
   ```

3. Reboot the switch or switches:

   `reboot`

   If you are renaming both switches in the fabric, reboot both switches. Once the reboot is complete, the switch is renamed in all places.

   The following example shows the output for the **`reboot`** command:

```
7840_FCIP_2:admin> reboot
Warning: This command would cause the switch to reboot
and result in traffic disruption.
Are you sure you want to reboot the switch [y/n]?y
2018/03/09-07:42:08, [RAS-1007], 146083, CHASSIS, INFO, Brocade7840,
System is about to reload.
Rebooting! Fri Mar  9 07:42:11 CET 2018

Broadcast message from root (ttyS0) Fri Mar  9 07:42:11 2018...

The system is going down for reboot NOW !!
INIT: Switching to runlevel: 6
INIT:
2018/03/09-07:50:48, [ESM-1013], 146104, FID 128, INFO, FC_switch_1_B,
DP0 Configuration replay has completed.
2018/03/09-07:50:48, [ESM-1011], 146105, FID 128, INFO, FC_switch_1_B,
DP0 is ONLINE.

*** CORE FILES WARNING (03/09/18 - 08:00:00 ) ***
10248 KBytes in 1 file(s)
use "supportsave" command to upload


*** FFDC FILES WARNING (03/09/18 - 08:00:00 ) ***
520 KBytes in 1 file(s)
```

4. Persistently enable the switches: **`switchcfgpersistentenable`**

   The following example shows the output for the **`switchcfgpersistentenable`** command:

```
FC_switch_1_B:admin> switchcfgpersistentenable
Switch's persistent state set to 'enabled'
FC_switch_1_B:admin>
FC_switch_1_B:admin>
FC_switch_1_B:admin> 2018/03/09-08:07:07, [ESM-2105], 146106, FID 128,
INFO, FC_switch_1_B, VE Tunnel 24 is DEGRADED.
2018/03/09-08:07:10, [ESM-2106], 146107, FID 128, INFO, FC_switch_1_B,
VE Tunnel 24 is ONLINE.

FC_switch_1_B:admin>


FC_switch_1_B:admin> switchshow
switchName:     FC_switch_1_B
switchType:     148.0
switchState:    Online
switchMode:     Native
switchRole:     Subordinate
switchDomain:   6
switchId:       fffc06
switchWwn:      10:00:50:eb:1a:9a:a5:79
zoning:         ON (CFG_FAB_2_RCF_9_3)
switchBeacon:   OFF
FC Router:      OFF
FC Router BB Fabric ID: 128
Address Mode:   0
HIF Mode:       OFF

Index Port Address  Media Speed   State       Proto
==================================================
   0   0   060000   id    16G     Online      FC  F-Port
50:0a:09:81:06:a5:5a:08
   1   1   060100   id    16G     Online      FC  F-Port
50:0a:09:83:06:a5:5a:08
```

5. Verify that the switch name change is visible from the ONTAP cluster prompt:

   `storage switch show`

   The following example shows the output for the **`storage switch show`** command:

```
cluster_A::*> storage switch show
  (storage switch show)
                      Symbolic                                  Is
Monitor
Switch                Name     Vendor  Model Switch WWN       Monitored
Status
--------------------- -------- ------- ----- ---------------- ---------
-------
Brocade_172.20.7.90
                      RTP-FC01-510Q40
                               Brocade Brocade7840
                                            1000c4f57c904bc8 true
ok
Brocade_172.20.7.91
                      RTP-FC02-510Q40
                               Brocade Brocade7840
                                            100050eb1a9aa579 true
ok
Brocade_172.20.7.92
```

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