



Booting the new controller modules (MetroCluster FC configurations)

ONTAP MetroCluster

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After aggregate healing has been completed for both the data and root aggregates, you must boot the node or nodes at the disaster site.

About this task

This task begins with the nodes showing the LOADER prompt.

Steps

1. Display the boot menu:

```
boot_ontap menu
```

2. From the boot menu, select option 6, **Update flash from backup config**.
3. Respond **y** to the following prompt:

```
This will replace all flash-based configuration with the last backup to disks.  
Are you sure you want to continue?: y
```

The system will boot twice, the second time to load the new configuration.



If you did not clear the NVRAM contents of a used replacement controller, then you might see a panic with the following message: `PANIC: NVRAM contents are invalid..` If this occurs, repeat [Step 2](#) to boot the system to the ONTAP prompt. You will then need to perform a root recovery. Contact technical support for assistance.

4. Mirror the root aggregate on plex 0:
 - a. Assign three pool0 disks to the new controller module.
 - b. Mirror the root aggregate pool1 plex:

```
aggr mirror root-aggr-name
```

- c. Assign unowned disks to pool0 on the local node

5. Refresh the MetroCluster configuration:

- a. Enter advanced privilege mode:

```
set -privilege advanced
```

- b. Refresh the configuration:

```
metrocluster configure -refresh true
```

- c. Return to admin privilege mode:

```
set -privilege admin
```

6. If you have a four-node configuration, repeat the previous steps on the other node at the disaster site.

Proceed to [Complete the disaster recovery process.](#)

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