



Testing the workloads and applications

ONTAP 7-Mode Transition

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You should manually test all workloads and applications in the preproduction environment. You can then start production for a brief duration to evaluate if rollback is required before committing the project.

The transitioned aggregates must have at least 5% free physical space.



The best practice is to have at least 20% free space in the transitioned aggregates.

Some operations are restricted during preproduction testing.

Restrictions during preproduction testing

Steps

1. Connect clients to the transitioned volumes.
2. If you have SAN workloads, perform the post-transition host remediation tasks on the SAN hosts.

SAN host transition and remediation

3. Test all the workloads and applications that use the transitioned data and configurations.
4. Verify that the transitioned aggregates are not running out of space by monitoring the free physical space in the transitioned aggregates from the Aggregates tab in the 7-Mode Transition Tool dashboard.

Troubleshooting: If you run out of space on the transitioned aggregates, you can add disks.

- a. Log in to the advanced privilege level:

```
set -privilege advanced
```

- b. Select the spare disks from the 7-Mode disk shelves and add disks to increase the space in the transitioned aggregates:

```
storage aggregate add-disks -aggregate aggr_name -disklist disk1
```

If 7-Mode spare disks are not available, you can use spare disks from the disk shelves in the cluster nodes; however, doing so complicates the rollback process.

You can start serving production data.



You can serve data in the production environment for a brief duration to ensure that the workloads are operating correctly in a production environment and a rollback to 7-Mode is not required. You must not prolong this phase and must not delay committing the copy-free transition project for the following reasons:

- The probability of running out of space in the transitioned aggregates increases as new data is written to the volumes.
- Any new data written to the volumes during this stage will not be available during rollback.

Related information

[Performing a transition rollback to 7-Mode](#)

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