



# **Starting data copy for a transition project**

## **ONTAP 7-Mode Transition**

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# Starting data copy for a transition project

You can initiate a data copy from 7-Mode volumes to ONTAP volumes for a baseline transfer. The baseline transfer starts when the data copy schedules configured in a project becomes active. After the baseline transfer is complete, the ONTAP volumes are updated periodically based on the data copy schedule.

- You must have run a precheck on the project and resolved all errors.
- You must have configured a dedicated, high-bandwidth, low-latency network between the source and destination systems for data transfer.



You can use SnapMirror multipathing to balance the data transfer load between the two paths.

- A data copy schedule must be configured for the session.

If you are transitioning to an existing SVM, the volumes are created during this operation. If you are transitioning to a new SVM, the SVM and its volumes get created during this operation.

SnapMirror relationships are created between 7-Mode and ONTAP volumes.

## Steps

1. Start the data copy:

```
transition start -p project_name
```

If the start operation fails and data copy is not started, you must resolve the issues and run the `transition start` command again.

```
7-Mode Transition Tool>transition start -p project_finance

[1/17 ] Project status checks                               [
Ok      ]
[2/17 ] Validating 7-Mode system information                [
Ok      ]
[3/17 ] Validating 7-Mode volumes information              [
Ok      ]
[4/17 ] Validating Cluster-Mode system information         [
Ok      ]
[5/17 ] Validating Cluster-Mode volume information        [
Ok      ]
[6/17 ] Validating LIF information                          [
Notifications ]
[7/17 ] WAFL prechecks                                     [
Ok      ]
[8/17 ] UNIX users and groups prechecks                    [
Warnings  ]
[9/17 ] SnapMirror prechecks                               [
```

```

Notifications ]
[10/17] NFS prechecks [
Warnings ]
[11/17] Networking prechecks [
Notifications ]
[12/17] CIFS prechecks [
Warnings ]
[13/17] Name services prechecks [
Warnings ]
[14/17] SAN prechecks [
Ok ]
[15/17] Creating Cluster-Mode volumes [
Ok ]
[16/17] Establishing SnapMirror relationships between the 7-Mode and
Cluster-Mode volumes
[ Ok ]
[17/17] Initializing SnapMirror relationships between the 7-Mode and
Cluster-Mode volumes
[ Ok ]

```

Operation summary:

-----

The 'start' operation is completed with warnings and notifications.

```

0 Errors - No action required
22 Warnings - Need your attention!
16 Notifications - Please review
102 Informational messages

```

Do you want to see a detailed report {yes, no} [yes]:

22 Warnings:

-----

```

20362: Checking whether 7-Mode UNIX groups' names are in use in the
Vserver 'vs2'. [ Warning ]
> The following 7-Mode UNIX groups' names are already in use in the
Vserver 'vs2'.
> AFFECTED-OBJECTS: { daemon }

```

```

20372: Checking whether 7-Mode UNIX groups' ids are in use in the
Vserver 'vs2'. [ Warning ]
> The following 7-Mode UNIX groups' ids are already in use in the
Vserver 'vs2'.
> AFFECTED-OBJECTS: { daemon }

```

The project moves to the copy-baseline state. After the baseline transfer is completed, the project moves to

the copy-update state.

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