



# Running prechecks

## ONTAP 7-Mode Transition

NetApp

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# Running prechecks

You can run prechecks to identify any issues before you start a transition. Prechecks verify that the 7-Mode sources, ONTAP targets, and configurations are valid for your transition. You can run prechecks any number of times.

The prechecks run more than 200 different checks. For example, the tool checks for items such as if volumes are online and network access exists between the systems.

1. From Dashboard, select the project for which you want to run the prechecks.
2. Click **Run Prechecks**.

After the prechecks are complete, the result summary is displayed in the dialog box.



The prechecks usually take only a few minutes to run, but the duration of the precheck phase depends on the number and type of errors or warnings that you resolve.

## Steps

1. Choose an option under **Apply Type Filter** to filter the results:
  - To view all messages related to security, select **Error**, **Warning**, **Informational**, and **Security Only**.
  - To view all error messages related to security, select **Error** and **Security Only**.
  - To view all warning messages related to security, select **Warning** and **Security Only**.
  - To view all informational messages related to security, select **Informational** and **Security Only**.
2. To save the raw results in comma-separated values (CSV) format and export the results, click **Save As CSV**.

You can view the transition operations that have been performed during the transition along with the operation type, status, start time, end time, and results in the Operation History tab on the Dashboard pane.

You must resolve all the errors detected by the prechecks before you start data copy. It is also a best practice to resolve all warnings prior to proceeding with the migration process. Resolution can be resolving the source issue of the warning message, implementing a workaround, or accepting the result of the issue.

## Severity levels for precheck messages

You can verify whether the 7-Mode volumes can be transitioned by running the transition precheck operation. Transition precheck reports all the transition issues. Transition issues are assigned different severity levels, depending on the impact of the issue on the transition process.

The issues detected by the prechecks are classified into the following categories:

- **Error**

Configurations that cannot be transitioned.

You cannot continue the transition if there is even one error. The following are a few example

configurations on the 7-Mode system that cause an error:

- Traditional volumes
- SnapLock volumes
- Offline volumes

- **Warning**

Configurations that can cause minor problems after transition.

Features that are supported in ONTAP, but are not transitioned by the 7-Mode Transition Tool, also generate a warning message. You can continue the transition with these warnings. However, after the transition you might lose some of these configurations or might have to complete some manual tasks for enabling these configurations in ONTAP.

The following are a few example configurations on the 7-Mode system that generate a warning:

- IPv6
- NFSv2
- NDMP configurations
- Interface groups and VLANs
- Routing Information Protocol (RIP)

- **Information**

Configurations that have been successfully transitioned.

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