



How you can use the assessment executive summary for transition assessment

ONTAP 7-Mode Transition

Ivana Devine
March 25, 2021

This PDF was generated from https://docs.netapp.com/us-en/ontap-7mode-transition/copy-free/concept_how_you_can_use_assessment_executive_summary_for_transition_assessment.html on September 12, 2021. Always check docs.netapp.com for the latest.

Table of Contents

- How you can use the assessment executive summary for transition assessment 1
 - Target cluster 1
 - Data collection summary 1
 - Transition feasibility and recommended transition methodology 1
 - Storage inventory 2
 - Data collection errors 2

How you can use the assessment executive summary for transition assessment

The transition executive summary provides a summary of the 7-Mode controllers, hosts, and FC switches in your environment. It provides an assessment report of the current features and functionality that are used and recommends the transition methodology for each volume within your storage environment. You can use the summary to plan your transition.

The executive summary has the following main sections:

Target cluster

This section lists the ONTAP version of the target cluster that you selected during assessment.

Data collection summary

You can view the list of 7-Mode controllers, hosts, and switches for which you have collected information. You can view the ONTAP version and model details of the 7-Mode controller. You can also view the OS type, version, and model of the hosts.

Transition feasibility and recommended transition methodology

This section provides a summary of the prechecks that are run on each controller and the feasibility of transition at the controller and volume level. The volumes that belong to vFiler units that are in the `stopped` or `inconsistent` state or the volumes that are offline or restricted are not included for assessment. The report displays the count of errors and warnings reported in the precheck against each controller. You should review these errors and warnings and resolve any issues before transitioning. Details of these prechecks are available in the Config Precheck Summary tab of the assessment workbook.

Copy-free transition feasibility: This section lists the number of controller-level prechecks that resulted in errors and warnings for copy-free transition. If a precheck fails for any one controller in the HA pair, you cannot transition the HA pair by using copy-free transition. You must resolve all errors and warnings before transitioning the HA pair. Details of these prechecks are available in the CFT Precheck Summary tab of the assessment workbook.

Based on the volume and controller configurations and the precheck summary, the executive summary provides a recommendation about the best transition methodology for each assessed volume. For example, you cannot transition 7-Mode traditional volumes or FlexCache volumes because these features are not supported in ONTAP.

For most of the configurations, the 7-Mode Transition Tool is the recommended tool for transition. However, there are some workloads that cannot be transitioned by using the 7-Mode Transition Tool, and for those you should use an application-based or host-based migration method.

[NetApp Technical Report 4052: Successfully Transitioning to Clustered Data ONTAP \(Data ONTAP 8.2.x and 8.3\)](#)

Storage inventory

This section provides the following information:

- **Storage objects:** Provides information about the number of storage objects, such as volumes, qtrees, LUNs, vFiler units, SnapMirror relationships, shares, and exports, in each controller.
- **Storage utilization:** Provides information about the used space, available space, and space utilized by the 7-Mode controllers.
- **Licenses:** Provides the list of feature licenses enabled on each controller.
- **Protocol configuration:** Provides details about the protocols configured on the controllers, such as CIFS, NFS, and SAN protocols, and the versions.
- **SnapMirror interconnectivity:** Provides information about the controllers or volumes that are either the source or destination of a SnapMirror relationship.

You can use this information to identify controllers that are in SnapMirror relationships with the controllers listed in the report, but are not included for assessment.

- **SnapVault interconnectivity:** Provides information about the controllers, volumes, or qtrees that are either the source or destination of a SnapVault relationship with the specified controller, volumes, or qtrees in the controller.

Data collection errors

This section provides details about controller and host information that could not be collected by the 7-Mode Transition Tool and the reason for the failure. Details of the data collection errors are available in the Data Collection Errors tab of the assessment workbook. You can resolve these errors and assess the systems again.

Copyright Information

Copyright © 2021 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system- without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.