



Config Advisor 5.1

Release Notes

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Product overview

NetApp Config Advisor is a configuration validation and health check tool for NetApp systems that can be deployed onsite for data collection and analysis. It can be used to check a NetApp system for the correctness of hardware installation and conformance to NetApp recommended settings. It runs a series of commands and checks for configurations with cabling, availability, and resiliency issues. The flexible data collection architecture supports data collection from network, serial port, AutoSupport ID, AutoSupport file, and OneCollect file. It is used to improve the quality of NetApp deployments during system setups, upgrades, and ongoing health checks.

New in this release

Config Advisor introduces support for several new features.

The features available in Config Advisor are as follows:

- Supports old Config Advisor 4.7 collected files
- Supports loading the ConfigAdvisor and OneCollect AutoSupport data (with ability to display old and latest results in the case of ConfigAdvisor AutoSupport data)
- Added five new ONTAP cluster checks
- Supports cluster switch cabling diagram in visualization (Beta feature)
- Added 15 new At Risk Systems (ARS) checks
- Supports HTTPS hosting in Windows (nginx)
- Supports customizing ConfigAdvisor data directory path
- Supports the basic user management that supports creating up to 10 users
- Supports visualization for IOM12 shelves
- Provides an option to stitch all the nodes of the cluster when the data source is an ONTAP AutoSupport
- Supports customized reporting
- Ported E-Series, FlexArray, and MetroCluster plug-ins into the Config Advisor framework

Fixed issues

A few issues that have been fixed in Config Advisor 5.1 release.

Some of the key issues that were addressed in this release.

- Visualization: Cabling diagram inconsistencies for an FAS8080_EX
- ONTAP: "HA Interconnect Status Check" rule throws up false negative
- ONTAP: "Broadcast Domain Configuration Check" throws up false negative: This check is removed
- 7-Mode: V_StorageAttach license should only be flagged if the HA-pairs are not licensed
- FlexPod: Does not display enic data for system having only enic
- FlexPod: Firmware recommendation - ESXi serial numbers are not collected
- FlexPod: Support for N9K-C9372PX-E-Nexus model
- Volume info table shows incorrect thin provisioning information
- SAS3 rules shows false negative for a single node cluster
- All Flash FAS (AFF) A700- "Cluster Node Port role" shows false error for valid cluster ports
- Shelf path checks throw false alarm for IOM12
- Cluster switch software version throws error for FASTPATH 1.2.0.7 for ONTAP 8.3.1
- Enhancement to include passed rules and visualization in reports optionally

Known Issues

Some unexpected behaviors are known to affect the functionality in this release of Config Advisor. You can take actions to work around some of these behaviors.

The following table provides information about the known issues, including workarounds.

Known issues identified in this release

Description	Workaround
The Internet Explorer (IE) browser is not supported.	it works on Microsoft Edge. NetApp recommends using Mozilla FireFox and Chrome browsers on Windows.
On Mac, UI might not load on Safari version 11.	You must use Mozilla Firefox, Google Chrome or earlier versions of Apple Safari.
In some cases, data collection might fail on Mac and Linux with EC_key error.	You must delete the entries for the target devices from ~/.ssh/known_hosts on the system.
Loading the valid Config Advisor cross-platform collected data file might fail sometimes	You must extract the .xml.gz file to .xml and try loading again.
Update credentials for bulk edit in the UI is not available in this release.	None.
The reset password pop-up in User Management might not render on Mozilla Firefox.	You must use other browsers specified in the "System requirements for Config Advisor" section of Config Advisor Quick Start Guide.
The Analysis persona does not work for the Device-Based profiles	The Analysis persona works only for the Solution-Based profiles.
FlexArray: When collecting new data, we have to enter the node and all the switch details that are part of the configuration. The data collection will go through even if the switch details is not provided. There will be no error to notify the user. And the rules related to the switches will be marked as Not evaluated.	You must provide the node and all the switch details that are part of the configuration while collecting new data.
FlexArray: If a configuration has paths disabled/down through one of the FC switches then 3 rules will throw an exception. NPIV Check, Fillword settings – NetApp Initiators, Portcfggport Setting Check.	After the path issue is fixed, re-run the data collection and verify the rules.

Known issues identified in earlier releases

Description	Workaround
Job selection is not retained across multiple pages when creating merged reports.	Use filter in the Jobs page to display all the target jobs in the same page (<20 jobs) and create merged report
Job progress may not get updated in Jobs page occasionally.	Refresh the browser

AutoSupport file in .7z format is not supported for viewing and analysis.	Use AutoSupport raw file in the .tgz or .txt format
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