



NetApp[®] Config Advisor 3.0.1 Release Notes

NetApp, Inc.

495 East Java Drive

Sunnyvale, CA 94089 USA

Telephone: +1 (408) 822-6000

Fax: +1 (408) 822-4501

Support telephone: +1 (888) 4-NETAPP

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TABLE OF CONTENTS

1	CONFIG ADVISOR 3.0.1 - PATCH RELEASE.....	1
2	CONFIG ADVISOR 3.0 – NEW FEATURES	2
3	CONFIG ADVISOR 3.0.1 – BUG FIXES.....	3
4	CONFIG ADVISOR 3.0.1 – KNOWN ISSUES WITH WORKAROUND	4
4.1	Known issues with the Config Advisor Tool	4
4.2	Known issues with the Standalone PowerShell Script.....	5

1 Config Advisor 3.0.1 - Patch Release

Config Advisor 3.0.1 is a bug fix patch release for Config Advisor 3.0. Config Advisor 3.0 is the next generation WireGauge that includes all the features of WireGauge, in addition to several new ones.

2 Config Advisor 3.0 – New Features

Config Advisor 3.0 is the next generation WireGauge that includes all the features of WireGauge, in addition to several new features:

1. Provides PowerShell data collector and sanitizer script
2. Provides an option to import the data (raw or sanitized) collected using the PowerShell script into the tool to generate the reports
3. Supports new NetApp CN1610/CN1601 cluster switches for Cluster-Mode deployments
4. Supports new NetApp controller model FAS2220/N3150
5. Supports new NetApp disk shelf DS4486
6. Performs 36 “At Risk System Checks”
7. Performs cabling checks that detect mis-wired SAS shelves
8. Displays System Configuration Summary, Aggregate, Volume and LUN information for 7-mode controllers
9. Uses My AutoSupport “At Risk System” display template for the checks
10. Checks current installed Firmware (System, Shelf, Disk, and Remote LAN Module/ Service Processor/ Baseboard Management Controller) against the latest available versions
11. Generates Word and Excel reports for the system configuration summary. The following are some of the details available:
 - a. Hardware Overview, Module Details, Shelf Details, and Disk Overview
 - b. Aggregate Info, Volume Info, and LUN Info
12. Displays improved Cabling Diagrams for the shelves and stacks
13. Provides improved FTP Metrics
14. Hola and Authentication are removed.

3 Config Advisor 3.0.1 – Bug Fixes

1. The incorrect warning message “Unsupported in ONTAP 7.3 or later” reported on a controller with DS14MK2FC with ESH2 module is fixed.
2. The incorrect reporting of a controller as MetroCluster is fixed.
3. Config Advisor now handles zipped section data, thereby improving data collection from ASUP IDs.
4. Checks against Reference Configuration file for Cluster-Mode switches have been improved.
5. Check that identified MetroCluster has been improved.
6. Shelf count mismatch between the HA pair is fixed.
7. Identification and reporting of FAS31xx Series controllers that may truncate the output of the 'sysconfig -a' command has been improved.

4 Config Advisor 3.0.1 – Known Issues with Workaround

The issues described below, exist in the current release. We are working towards supporting the missing features or fixes in the future releases of Config Advisor.

4.1 Known issues with the Config Advisor Tool

1. **Issue:** In certain rare situations, the application crash is observed.

Description: The crash may take place when the GUI framework crashes.

Workaround: You must check if the task is complete, if not re-attempt the task, and if the issue persists report it.

2. **Issue:** Word report generation displays a dialog box indicating that there are problems with the contents.

Description: Microsoft Word is a proprietary document format. Config Advisor 3.0.1, in the interest of speed, uses an Open XML approach to generating docx files.

Workaround: In the dialog box that is displayed with the following message: *Word found unreadable content in filename, Do you want to recover the contents of this document? If you trust the source of this document, click Yes*", you must click *Yes* to view the generated docx report. The report is renamed Document1.

3. **Issue:** Microsoft Excel report generation displays a dialog box with the following message: *"Excel has detected a problem with this file. Opening it may be dangerous. You should not open this file unless you trust it."* indicating that there is a problem with the file.

Description: Excel is a proprietary document format. Config Advisor, in the interest of speed, uses xlwt to generate spreadsheet files compatible with Microsoft Excel 97/2000/XP/2003, OpenOffice.org, and Gnumeric.

Workaround: In the dialog box that is displayed, you must click *Open* to view the generated report. The report opens in *Protected View*. Use the *Edit Anyway* option to view the URLs embedded in the report.

4. **Issue:** Config Advisor does not provide appropriate results for SAS cabling checks when data is collected from the controller immediately after the cabling.

Workaround: The DATA ONTAP command outputs take some time to reflect the cabling changes. You must wait for some time after the cabling, for the DATA ONTAP commands to reflect the cabling changes. You can then collect data using Config Advisor tool.

5. **Issue:** MetroCluster systems are not supported.

Workaround: MetroCluster configuration checks are being considered for future releases of Config Advisor. In the interim, you can use the Fabric Metro Cluster Data Collector (FMC_DC) tool as an alternative. This tool is publicly downloadable and is available at http://support.netapp.com/NOW/download/tools/FMC_DC/

6. **Issue:** Config Advisor cannot identify the order of connectivity for FC-attached disk shelves (all DS14 model shelves).

Description: A set of DS14 disk shelves may be connected in such a way that Data ONTAP sees two paths to all the disks within a stack, yet the cabling between the shelves may not be per NetApp Best Practices and resiliency may be compromised. This is a limitation of Data ONTAP and DS14 disk shelves.

Workaround: The only way to validate whether the DS14 disk shelves are correctly cabled is that you must perform a visual inspection of the controller to shelf and shelf-to-shelf cables within each shelf stack.

7. **Issue:** Config Advisor hangs or crashes in batch mode when collecting data from large number of systems.

Description: Config Advisor hangs or crashes if the size of the data collected from large number of systems exceeds your system memory.

Workaround: In batch mode, you must reduce the number of systems for which data is being collected. Data can be collected for 50 systems at a single time. Another alternative is to increase the size of your physical memory.

8. Oldest Snapshot age field – reported in the Excel and Word reports, is not calculated properly when the age of the snapshot is greater than one year.
9. The latest version of SP, BMC, and RLM displayed are dependent on the controller model and the ONTAP version is not checked.

4.2 Known issues with the Standalone PowerShell Script

1. Data collection using the Power Shell stand-alone script throws connection errors if the controller is undergoing a reboot.
2. Hostname filtering option filters certain hostnames partially under the “etc/hosts” command output.
3. Applying filtering option changes the formatting of the command output at times.