


Support



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Data ONTAP 5.3.1

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Bugs fixed

The following bug is fixed in Data ONTAP™ 5.3.1 software: 12919. Refer to [Bugs Online](#) for detailed information.

Major features in Data ONTAP 5.3.1

The major features in Data ONTAP 5.3.1 include all the features of Data ONTAP 5.3, as follows:

- SnapMirror™ feature
- SnapRestore™ feature
- SecureAdmin™ option
- Setup Wizard
- Network Time Protocol
- Multiprotocol support for international characters in file names
- Additional administrative commands
 - useradmin - Enables creation of multiple administrative users
 - filestats - Enables fast disk and file usage statistics by volume
- Virtual Interface (VIF) improvements, including VIF failover and support for super-VIFs
- Support for ATM LANE across platforms, including clusters
- SNMP MIB enhancements
- UID to SID mapping
- File event logging and auditing
- FilerView™ enhancements, including support for cluster administration
- Improvements to backup and restore

These features work with all previously supported file system protocols as appropriate, including NFS, CIFS, and HTTP.

System requirements

Data ONTAP 5.3.1 has the following system requirements:

- Filers supported:
 - NetApp F200 series
 - NetApp F300 series
 - NetApp F500 series
 - NetApp F630
 - NetApp F700 series

Clusters are supported only on the following NetApp filers with fibre channel connections to disk shelves:

- F630
- F740
- F760

- Memory

Minimum of 128 MB of memory in nonclustered filers and 2 MB of NVRAM.

Filers in a cluster require a minimum of 256 MB of main memory and 32 MB of NVRAM.

Additional memory requirements: If you are installing Data ONTAP 5.3.1 on a system that has more than 56 disk drives, you need to have 512 MB of main memory and 32 MB of NVRAM.

If you do not currently have the required, you can order additional memory from our Installed Base Group either by email at ibg@netapp.com or by phone at 1-888-263-8277.

- Firmware

Read the firmware installation instructions carefully before upgrading your filer to Data ONTAP 5.3.1. To run Data ONTAP 5.3.1, install the appropriate firmware on your filer:

- NetApp F200 series and F300 series filers require [firmware 1.9_i](#).
- NetApp F500 series filers require [firmware 2.1_a](#).
- NetApp F630 filers require [firmware 2.1_a1](#).
- NetApp F700 series filers require [firmware 2.1_a2](#).

On-line documentation

The following documentation is available for Data ONTAP 5.3.1. For first-time software installation, see the instructions in [Start Here](#). See the [Upgrade Guide](#) for software

upgrade instructions. The entire document set is available in HTML and PDF formats in [ZIP](#) (14.7 MB) or [tar](#) (14.3 MB) compressed formats.

Documentation in HTML format

Click [document set](#) to view it in HTML format.

Documentation in Adobe Acrobat format

Click any of the following links to view a document with Acrobat Reader 3.0 or later:

- [Read Me First](#) (14.8K)
- [Start Here](#) (168K)
- [Software and Firmware Upgrade Guide](#) (232K)
- [Cluster Conversion Guide](#) (3.6 MB)
- [First-Time Configuration Guide Using the Setup Command](#) (3.4 MB)
- [First-Time Configuration Guide Using the Setup Wizard](#) (395K)
- [Quick Reference Guide](#) (110K)
- [Command Reference](#) (man pages) (440K)
- [System Administrator's Guide](#) (4.4 MB)

NOTE: If you are using the Internet Explorer™ 4.0 or 5.0 browser and are having problems opening any of the Acrobat files, you might need to upgrade your browser by downloading the latest Service Pack. You can also right click your mouse and select "Save Target as . . ." to download the Acrobat file or use the Netscape Navigator™ browser to view or print the document.

Hardware documentation

Hardware installation instructions for the filers are available in the [Filer Hardware Information Library](#).

Software download instructions

After you finish upgrading to Data ONTAP 5.3.1, you can access FilerView from http://filer_name/na_admin.

After you confirm that you have the required memory, proceed with the download by clicking [CONTINUE](#).

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