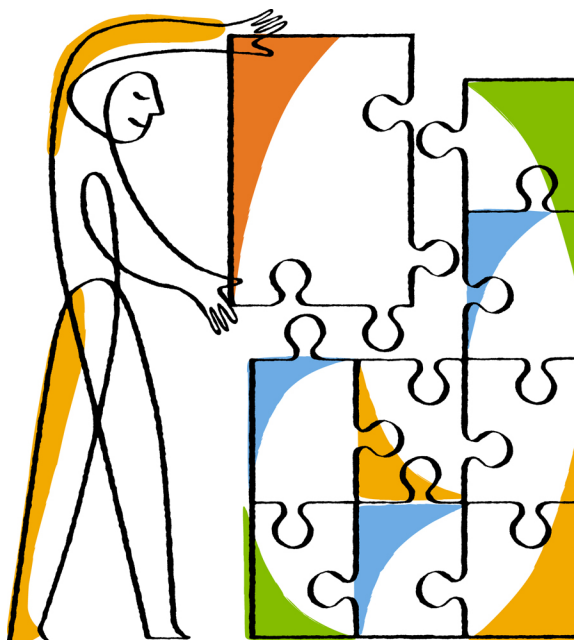




NetApp® Recovery Manager 1.1 Citrix® ShareFile®

Release Notes



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Overview of this release

NetApp® Recovery Manager for Citrix® ShareFile® (NRM-CS) provides a background Microsoft Windows service for ShareFile administrators to restore user files and folders that have been removed from the ShareFile StorageZone.

NetApp Recovery Manager 1.1 for Citrix ShareFile includes several new features, enhancements, and support for additional configurations.

New features and enhancements

- NRM-CS can now be installed on another Windows server, apart from the StorageZones Controller server (called ShareFile Storage Center in versions prior to 2.0).
- High availability support: NRM-CS can be installed on multiple servers for a single StorageZone. This provides the following advantages:
 - Redundancy in the event an NRM-CS server goes down
 - Load sharing in the file recovery process
- The ability to restore files in parallel; the maximum number of files (up to 18) that you select depends on the system memory in your environment.
- Enhanced, easy-to-use graphical interface using the NetApp Recovery Manager for Citrix ShareFile – Configuration window that contains the following views:
 - **Dashboard** view, which displays the following summaries:
 - Configuration:
 - Recovery queue status (detected or not)
 - Recovery service status (running or not)
 - Primary and secondary storage (associated SnapVault and SnapMirror) information and configuration validation
 - Controller:
 - Credentials (hostname or IP address)
 - Connection type
 - Version
 - Controller type
 - System ID
 - Serial number
 - **Recovery Service** view, which displays the current settings (Service Poll Timeout, Parallel File Restores, Queue Retry Timeout, NDMP Retry Count, NDMP Timeout, ShareFile StorageZones Controller URL, Recovery Queue detection, and NRM-CS service status), recovery queue and service status. From this view, you can also edit the service settings and create a recovery queue.

- **StorageZone** view, which displays the hostname and volume that hosts the CIFS share used by the ShareFile StorageZone. From this view, you can also edit, as well as delete, this connection to the NetApp storage system.
- **Protection** view, which displays the configured SnapVaults and SnapMirrors; multiple destinations are supported. From this view, you can also reorder the priority (displayed in the **Priority** column) of these SnapVault and SnapMirror destinations.
- **Logs** view, which displays the associated service logs. From this view, you can also export these logs.
- **Help > About** menu option, which displays version information about the installed product.

Support for additional configurations

- Support for clustered Data ONTAP (8.2).
- Support has been added for SnapVault running clustered Data ONTAP (8.2).

Host requirement changes

One of the following is required:

- ShareFile Storage Center 1.1.9
- StorageZones Controller 2.0
- StorageZones Controller 2.1

To identify supported configurations, go to the Interoperability Matrix located at support.netapp.com/matrix.

Upgrade notes

Some important changes to NetApp Recovery Manager for Citrix ShareFile impact your upgrade to the 1.1 release.

After upgrading NRM-CS, the following configuration settings must be addressed through the NetApp Recovery Manager for Citrix ShareFile – Configuration window:

- The NDMP credentials for the configured storage destinations must be set through the **StorageZone** and **Protection** views; otherwise, the NRM-CS recovery service will not run.
- The **StorageZones Controller URL** defaults to `http://localhost`; reset if necessary through the **Recovery Service** view.

Limitations

While working with NetApp Recovery Manager 1.1 for Citrix ShareFile, you should be aware of limitations that might affect your environment.

The following are not supported in this release:

- The ability to recover files and folders from QTrees mounted as CIFS shares, or QTree SnapMirrors
- Multistore (vFiler unit connection)
- Direct connect for Data ONTAP versions prior to 8.2

Fixed issues for this release

Several issues have been fixed in this release.

Bug ID	Description
724008	NRM-CS cannot detect the SnapMirror or SnapVault destination present on different clusters.
724004	NRM-CS cannot detect the SnapMirror or SnapVault destination for a particular source volume.
745159	NRM-CS unable to recover file after powering off the primary controller in a StorageZone High Availability setup.

Known issues

It is good business practice to be aware of any known issues and the workarounds for them with respect to NetApp Recovery Manager 1.0 for Citrix ShareFile so that you can use the product more effectively. However, there are no known issues or workarounds that need to be included in this section.

Ways to view current and fixed product bugs

NetApp provides an online tool that enables you to search for the most current information about a known bug. You can also use this tool, which is available on the NetApp Support Site, to get a list of current or fixed bugs for a particular product.

Bugs Online, which is online at support.netapp.com/NOW/cgi-bin/bol, enables you to search for information in the following ways:

- By entering the bug number
- By entering keywords related to the bug
- By selecting a software product from the list in the **Bug Type(s)** field or the **Product Type(s)** field.

Some products are listed in one field and some in the other field. You should check both fields to find the product you want.

Documentation corrections

Because products are enhanced between official releases, the documentation sometimes changes. You can be sure you have the latest information by monitoring the NetApp Support Site for updates to the Release Notes, including documentation corrections.

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