

Technical Note

Dell EMC NetWorker

Version 19.2

Differences between NetWorker 19.2 and previous release

REV 01

November 15, 2019

This document identifies the most significant enhancements to the NetWorker software since the NetWorker 18.2 release, including changes implemented in the NetWorker 19.2 release. Where the version is identified for when a new feature or enhancement was introduced, the change is considered applicable to that specific release and all subsequent releases. The NetWorker core documentation set provides more information on these changes.

Table 1 Revision history

Revision	Date	Description
01	November 15, 2019	First release of this document for NetWorker 19.2.

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Client management using NetWorker Management Web UI

The NetWorker Management Web UI has been enhanced to include support for the following:

- Managing client resources
- Managing probes
- Managing time policies
- Managing directives
- Managing restricted datazones

The *NetWorker Administration Guide* provides more information.

NetWorker IPv6 update

In the earlier versions of NetWorker, only the fully qualified domain name (FQDN) or alias associated with the the IPv6 address was supported. Starting with NetWorker 19.2, IPv6 addresses are supported and can be specified in all the fields of NetWorker interfaces, that is, NMC, NWUI, and CLI which accept FQDN or alias

The *NetWorker Administration Guide* provides more information.

Backups and restores using Direct Fiber channel for vProxy

You can now perform vProxy backups and restores using the DFC (Direct Fiber Channel) path.

The *NetWorker VMware Integration Guide* provides more information.

Improve restore performance with multiple threads

Recover workflow for file system backups has been enhanced to perform restores in parallel. This splits recover requests into multiple recover requests resulting in more than one recover stream. This has improved recover performance in comparison to earlier versions.

The *NetWorker Administration Guide* and *NetWorker Performance Optimization Planning Guide* provides more information

NetWorker usage data reporting

NetWorker 19.2 allows you to configure MailHome to report usage data back to Dell EMC.

The *NetWorker Administration Guide* provides more information.

Separation of browse and retention feature

NetWorker 9.x had introduced the browse period equal to retention for Saveset lifecycle management within index database and media database respectively.

This change restricted the index to be purged from client file indexes until the save set retention period was over and the save set was eligible for recycle. For high density file systems or NDMP backups, this was an additional overhead on the NetWorker server when the index growth became exponential with a huge index database. To eliminate this issue, NetWorker 19.2 removes this restriction partially by providing a CLI capability to separate the browse period from the retention period.

The *NetWorker Administration Guide* and the *NetWorker Command Reference Guide* provides more information.

Support for NetWorker vProxy log aggregation management

NetWorker 19.2 supports the vProxy centralized logging feature which enables you to aggregate vProxy logs in the NetWorker server. These aggregated logs can be further pushed to a centralized location using various logging servers. In a production environment consisting of large number of vProxies, this feature helps in reducing the effort of collecting logs from an individual vProxy.

The *NetWorker VMware Integration Guide* provides more information.

Support for nsrim to mark orphaned save sets as suspect

Starting with NetWorker 19.2, the `nsrim` process has been enhanced to mark orphaned save set records as "suspect". A save set is orphaned when there is a save set record in the media database, but there is no corresponding data on the disk. You can then delete those suspect save sets using the `nsrmm` command or the GUI.

Configuring temporary space on a SQLite media database

NetWorker 19.2 enables you to free up space on the server by compressing the SQLite media database.

The *NetWorker Administration Guide* provides more information.

Third party embedded software compliance

NetWorker 19.2 ensures software compliance of all third party embedded software such as open source software, operating systems, and so on.

UI Changes in the NetWoker Installation Wizard

The NetWorker installation wizard now displays the administrator password rules while configuring the authentication server.

NetWorker REST API enhancements

NetWorker REST API supports client configuration, backup, and recover of the SAP HANA and SAP HANA MDC database.

The *NetWorker API Reference Guide* provides more information.

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