



Release notes

Global File Cache

NetApp
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Release notes

What's new with Global File Cache

Learn what's new in Global File Cache.

25 July 2022 (version 2.0)

This release provide the new features listed below. It also fixes the issues described in the [Fixed Issues](#).

New capacity-based licensing model for Global File Cache through the Azure Marketplace

A new "Edge Cache" license has the same capabilities as the "CVO Professional" license, but it also includes support for Global File Cache. You'll see this option when deploying a new Cloud Volumes ONTAP system in Azure. You are entitled to deploy one Global File Cache Edge system for each 3 TiB of provisioned capacity on the Cloud Volumes ONTAP system. A minimum of 30 TiB should be provisioned. The GFC License Manager Service has been enhanced to provide capacity-based licensing.

[Learn more about the Edge Cache license package.](#)

Global File Cache is now integrated with Cloud Insights

NetApp Cloud Insights (CI) gives complete visibility into your infrastructure and applications. Global File Cache is now integrated with CI to provide complete visibility of all edges and cores; monitoring processes running on the instances. Various Global File Cache metrics are pushed to CI to provide a complete overview on the CI dashboard.

[Learn more about Cloud Insights.](#)

License Management Server has been enhanced to operate in very restrictive environments

During license configuration, the License Management Server (LMS) should have access to the internet to collect the licensing details from NetApp/Zuora. Once the configuration is successful, the LMS can continue to work in offline mode and provide licensing capabilities despite being in restrictive environments.

The Edge Sync UI in Optimus has been enhanced to show the list of connected clients on a coordinator Edge

23 June 2022 (version 1.3.1)

Global File Cache Edge software for version 1.3.1 is available at [this page](#). This release fixes the issues described in the [Fixed Issues](#).

19 May 2022 (version 1.3.0)

Global File Cache Edge software for version 1.3.0 is available at [this page](#).

New Metadata Edge Sync feature

This "Metadata Edge Sync" feature uses the Edge Synchronization feature as its core framework. Only Metadata information is updated on all subscribed Edges and the files/folders get created on the Edge machines.

License Manager Service enhancements

The Global File Cache License Management Server (LMS) service is enhanced to auto detect proxy settings. This enables a seamless configuration.

17 December 2021 (version 1.2.0)

The OpenSSL module has been upgraded to version 1.1.1l

This is the latest version and it is more secure. This module is used for secure communication between GFC Edge and GFC Core.

The logging infrastructure has been enhanced

9 June 2021 (version 1.1.0)

The "Edge Synchronization" feature has been added

This feature keeps multiple Edges at a remote office in sync and the data is always cached/warm. When a file is flushed/fetched at one Edge, then the same file on all Edges participating in Edge Sync is updated and cached. See section 8.4 in the [NetApp Global File Cache User Guide](#) for details.

The OpenSSL module has been upgraded to version 1.1.1k

This is the latest version and it is more secure. This module is used for secure communication between GFC Edge and GFC Core.

Updated License Registration Page

The GFC License Registration Page now displays the number of licenses when activated through a NetApp subscription.

Fixed issues in Global File Cache

See what issues have been fixed in Global File Cache.

25 July 2022 (version 2.0)

- Optimus is enhanced by adding boundary limits to date/time parameters for pre-population job addition configuration.
- Optimus PSM now shows the correct CPU details in system pre-requisition details.
- Fixed an exception in the UI during Edge Sync configuration between entering coordinator details and clicking the Refresh button.
- Enhanced the Optimus UI to enable/disable the Edge Sync feature on the edge.
- Fixed the date range issue in License Server Manager for Zuora License Aggregator.
- Fixed the Optimus PSM to show Lease Count information.
- Fixed License Management Server's logic on configuration updaters during an upgrade.

23 June 2022 (version 1.3.1)

- Upon upgrade, the correct version of Microsoft re-distributable is not installed correctly and as a result Tum does not start. The GFC installer has been fixed to install the correct version re-distributable.
- The GFC License Manager Service (LMS) now updates the configuration information, instead of overwriting it.
- The Configuration UI now binds to the correct System.net.http dll during the upgrade process.

19 May 2022 (version 1.3.0)

- The Configuration UI page for Edge Sync functionality is updated.
- Fixed an issue when adding pre-population jobs for multiple Edges at the same time via PowerShell cmdlets.
- Fixed a display issue in LMS Web UI that displays the NetApp subscription.
- The LMS configuration PowerShell script now uses TLS 1.2.
- Fixed an issue in TappN (pre-population service) and enabled it to continue executing the job, despite transient disconnections or Tum restarts.
- The TappN pre-population service is updated to skip fetching files if free cache space falls below the lower threshold value.
- Fixed an issue in the License Manager Server Service (LMS) while writing a trace log.
- The Logging infrastructure for Tum is updated to be more scalable with high performance.

17 December 2021 (version 1.2.0)

- The Configuration UI (Optimus) is enhanced to validate the date field entries while adding pre-population jobs.
- Pre-population is enhanced to monitor cache utilization and will skip populating if cache usage reaches close to cache cleaner parameters.
- Removed the hard dependency of the License Management Server (LMS) Service running locally with Policy configuration.
- The GFC Kernel driver is enhanced to avoid a crash in the SMB Server service in Windows Server 2016/2019.
- Fixed an exception in the LMS Service.
- Service Start types for the License Manager Server Service (LMS), License Manager Client Service (LMC), and Pre-population Service (TappN) are changed from 'Automatic Delayed' to 'Automatic'.

9 June 2021 (version 1.1.0)

- The Configuration UI now displays the Edge hostname correctly in the Edit Pre-population page.
- An issue in parsing the json response from the NetApp License subscription server during license registration is fixed.
- Pre-population (TappN) logs are enhanced to log the file transfer status of all the files.

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