



## **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.

### 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.

## **21 March 2021 (version 1.0.3)**

**Software installer updates to automatically exclude GFC process from Windows Defender.**

The Global File Cache software installer now excludes all GFC processes from Windows Defender software on-demand scanning.

**A new Policy Configuration tab has been added to the Configuration Console.**

This configuration tab enables you to add pre-population jobs from the GFC Core.

**Enhanced the software to use less memory while increasing performance and stability.**

## **Fixed issues in Global File Cache**

See what issues have been fixed in Global File Cache.

## **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.

## **7 April 2021 (version 1.0.4)**

- A QoS issue has been fixed where QoS parameters were applied to *all* users instead of just the user who surpassed the limits.
- NSS credentials are now validated before being applied to the licensing system.
- Race conditions between the GFC software and certain antivirus software have been fixed.
- A crash no longer occurs when a locking hierarchy is violated during drop lease operations.

## **21 March 2021 (version 1.0.3)**

- The NetApp license registration and GFC subscription-based registration is only allowed by the cloud-based License Management Server (LMS). The on-premises LMS should use legacy licensing.
- The Configuration UI now adds jobs in pre-population when the License Manager Client Service (LMC) uses hostnames instead of IP address for the LMS during configuration.

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