



Release notes

Global File Cache

NetApp
June 21, 2022

This PDF was generated from <https://docs.netapp.com/us-en/cloud-manager-file-cache/whats-new.html> on June 21, 2022. Always check docs.netapp.com for the latest.

Table of Contents

- Release notes 1
 - What's new with Global File Cache 1
 - Fixed issues in Global File Cache 2

Release notes

What's new with Global File Cache

Learn what's new in Global File Cache.

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.

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.

Copyright Information

Copyright © 2022 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.