

Operating System Release Notes

Version 2022.08.1

2022-08-31

Supports:

Azure FXT Edge Filer (all models)

Avere FXT (all models)

Avere vFXT for Azure

Table of Contents

| | |
|--|----------|
| <i>What's new in version 2022.08.1</i> | 2 |
| <i>About version 2022.08</i> | 2 |
| <i>What's new in version 2022.08</i> | 2 |
| <i>Previous release information</i> | 3 |
| <i>Contact Microsoft Customer Service and Support</i> | 3 |

What's new in version 2022.08.1

Version 2022.08.1 fixes a regression found in 2022.08. The problem could cause systems to become unresponsive after upgrade if they had existing NFS core filers (storage targets). This problem affected HPC Cache systems as well as FXT and vFXT clusters. (15353593)

About version 2022.08

This OS software release is the first of a new version naming system. The previous software release was version 15.2.

You can read release notes from version 15.2 and earlier releases on the [legacy documentation page](#).

What's new in version 2022.08

Resolved issues

Filesystem

- 13900169 Fixed a problem in the file system check code when repairing a root object.
- 13984984 Added a tool that sends continuous diagnostic data from the cluster.
- 14393157 Reduced the latency to allow new cluster nodes to participate in high availability processes more quickly after being added to the cluster.
- 14614259 Updated the node removal XML-RPC method to make sure that two cluster nodes cannot be removed concurrently.
- 14743961 Improved the performance of the reclaim inode database initialization used by the directory manager.
- 14899316 Fixed a problem related to incorrect directory manager inode state during deletion.
- 14993482 Improved the usage of persistent storage when priming a large dataset.
- 14955828 Updated code to prevent the high availability service from blocking while checking process status.

General

- 14256102 Improved network error detection and reporting in the command-line node maintenance menu.
- 14884441 Added the ability to refresh a core filer's network name resolution by using the Control Panel GUI.

To update the addresses associated with a NAS core filer's domain name, use the **Core Filer > Core Filer Details** page. Go to the **Edit Filer** section for your NAS core filer and resubmit the information (with or without updates). The [Operations Guide](#) shows a screenshot of the page.

Before this release, the network name was resolved again only if it was changed.

Previous work added an error message to alert users to mismatched addresses from a DNS name and allowed users to update the network name with an XML-RPC method.

- 14886231 Changed HPC Cache behavior to allow customers to delete the default NFS export rule in an existing client access policy.
- With this change, HPC Cache users can deny all access to a storage target export by removing all rules from the policy.

NFS

- 14182760 Added code that monitors the health of NLM TCP connections to NAS core filers. If NULL RPCs cannot succeed on a connection for 20 minutes, then the connection will no longer be used for new NLM operations.
- This change applies to NAS core filers created with this OS release or later. Core filers created before version 2022.08 are not affected.
- A connectivity condition might take up to 20 minutes to clear. Defective or misconfigured firewalls can extend this time indefinitely. The TCP connection parameters in the condition will aid in firewall troubleshooting.

SMB/CIFS

- 6197420, Improved SMB2 read throughput performance for files in the cache.
9763952

Previous release information

This release builds on the contents of these recent software updates:

- [Version 15](#) – June 2022
- [Version 14](#) – May 2022
- [Version 13](#) – March 2022

For possible release notes updates, check the [legacy documentation page](#).

Contact Microsoft Customer Service and Support

Use the **Support Information** links on the website <https://www.microsoft.com/avere/contact-us> to get individualized help.