Operating System Release Notes

Version 13.0

2022-02-03

Supports:

Azure FXT Edge Filer (all models)

Avere FXT (all models)

Avere vFXT for Azure

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What's new in version 13.0

Resolved issues

Filesystem

9507671	Fixed a problem that could cause a crash when creating a file under certain timing situations.
10197786	Fixed a defect that prevented cluster jobs from refreshing namespace junctions. This defect could cause NFS client mounts to fail.
12534324	Increased the maximum read count size for cold reads from NAS storage systems from 512 K to 1 MB.
12660430	Fixed an issue related to cache space rebalancing that could cause the main system to restart.
12859712	Improved the efficiency of reading large files from back-end NAS storage by using special read-ahead threads instead of waiting for client-initiated read requests.
12884093	Resolved a soft-deadlock issue that could cause client operations to stall after certain operation sequences were sent to the same parent and child directories on multiple nodes.

General

8529323	The threshold for detecting "slow IO" on drives has been increased to reduce false positives.
12891927	Updated the support contact information shown on the Avere Control Panel.
13029778	Fixed an error in handling IP addresses with multiple forwarding information bases (FIBs). This issue could cause support uploads to fail.

NFS

5404743	Added a setting to prevent a vserver from returning an export list in response to a `showmount` request. The XML-RPC method `vserver.create` now has the option `showmountEnabled` to control whether the vserver returns a list of available exports or an empty list. The default value is **yes**, which means that an NFS client `showmount` request will return a list of exports. To return an empty list instead, use the `showmountEnabled` value **no** when creating the vserver.
9574121	Added an option in the XML-RPC method `corefiler.create` that enables duplicate core filer detection at mount creation time. When this option is enabled, a fault is raised if a NAS storage system export being mounted has a hierarchical relationship with another export on any other core filer.

The goal is to prevent the same file from being accessed through more than one path on the AOS cluster.

Cluster core filers are considered to access the same storage system if their DNS names or the resolved IP addresses intersect.

To enable this behavior, use these values in the XML-RPC method `corefiler.create` when creating a new core filer:

- `checkForExportReuse` – **yes**
- `ignoreWarning` – **true**

Previous release information

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

- [Version 12](#) – December 2021
- [Version 11](#) – October 2021
- [Version 10](#) – September 2021
- [Version 9](#) – August 2021
- [Version 8](#) – June 2021
- [Version 7](#) – May 2021
- [Version 6](#) – June 2021 (updated)
- [Version 5.3](#)

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

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