

RELEASE NOTES

CTERA Edge Filer Version 7.9.4600.24

July 2025

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CTERA EDGE FILER 7.9.4600.24

CTERA is constantly improving its offerings to the market. After the release of a major version, updates to the version are frequently released with resolved issues and new features.

This chapter contains the following topics:

- [Licensing Virtual Gateways](#)
- [Security Considerations](#)
- [Installing or Upgrading an Edge Filer](#)
- [What's New](#)

LICENSING VIRTUAL GATEWAYS

When connecting a virtual gateway to a CTERA Portal, the available licenses are provided as part of the connection procedure. The following licenses are available: EV16, EV32, EV64, EV128, EV256:

	License					
	EV4 ¹	EV16	EV32	EV64	EV128	EV256
Maximum Storage	2TB ²	16TB	32TB	64TB	128TB	256TB
Maximum recommended users	20	500	1000	3000	5000	5000

1. The EV4 license is used exclusively by the CTERA HC100 Edge Filer.
2. 1TB for devices purchased before May 2022.

SECURITY CONSIDERATIONS

CTERA Networks Ltd. is constantly looking at ways to improve security. CTERA recommends using the latest software for optimum security.

SYNC DELAY

The amount of time for an edited file to be uploaded to portal is configurable and if the file was not uploaded within this time, a clone is created in a temp folder which is uploaded to portal. The default time is 300 seconds (five minutes).

INSTALLING OR UPGRADING AN EDGE FILER

Installing a CTERA Edge Filer

For installation details, refer to the [CTERA Edge Filer Installation](#) for your platform.

Upgrading a CTERA Edge Filer from an Earlier 7.x Version

Note: CTERA recommends that you only upgrade to a new version from an immediate previous version. If you have an older version, upgrade in steps, first to an intermediate previous version and then to the new version. For example, to upgrade from 7.5.x to 7.9.x, first upgrade to 7.6.x and then to 7.8.x and only then to this version.
After upgrading the edge filer, downgrading the edge filer is not possible.

Upgrading the software of an edge filer running an earlier 7.x version is performed automatically when the edge filer is connected to a CTERA Portal and the latest edge filer firmware TGZ file is uploaded to the portal.

New deployments and upgrading edge filers enable supporting the next generation file system. The next generation file system is not enabled by default on new deployments and when upgrading, the file system in use before the upgrade remains after the upgrade.

Note: Upgrading to the next generation file system is possible for all edge filer versions from version 7.8.4300.31.

The next generation file system does **not** support using macOS Spotlight.

Upgrading a CTERA Edge Filer, running on a version before 7.8.x, includes changing the operating system from CentOS 7 to CentOS 9. The change is done automatically without any need for user intervention.

Microsoft changed Azure Storage Node root CAs as of July 2022. For details, see <https://techcommunity.microsoft.com/t5/azure-storage-blog/azure-storage-tls-critical-changes-are-almost-here-and-why-you/ba-p/2741581>. The new CAs are included in this version, meaning direct access to *Microsoft Azure Blob Storage* storage nodes works as before.

WHAT'S NEW

CTERA Edge Filer version 7.9.4600.4 included new features, which are described in [What's New in CTERA Edge Filer Version 7.9.x](#).

New Features

ID Number	Description
APP-27322, APP-27499	A configuration option <code>/config/fileservices/cifs/ADS_Enabled</code> has been added to enable or disable NTFS Alternate Data Streams (ADS). The default is that ADS is disabled. When disabled, files can be copied from Windows file system to an edge filer share.

Resolved Issues

ID Number	Description
APP-27467	After upgrading a CTERA Edge Filer to version 7.9.4600.14, users could not open or copy audit log files under a public share to the local machine.

CTERA EDGE FILER 7.9.4600.23 (JULY 2025)

WHAT'S NEW

New Features

ID Number	Description
–	Ongoing learning improvements to the CTERA Ransom Protect model.
APP-27419	SAMBA was patched to include Windows security hardening.

Resolved Issues

ID Number	Description
APP-27320	Populating the database with metadata stalled.

CTERA EDGE FILER 7.9.4600.22 (JUNE 2025)

WHAT'S NEW

New Software Features

ID Number	Description
APP-27068	Improvements to the CTERA Ransom Protect model.
APP-27224, APP-27253	Error logs have been improved for better troubleshooting.

Resolved Issues

ID Number	Description
APP-27106, APP-27255	After upgrading to version 7.9.4600.14, when the edge filer was not connected to a portal, new NFS shares could not be created.
APP-27217, APP-27242	Pages could have loaded slowly and deduplication information was not displayed.
APP-27260	Moving to the next generation file system could have failed.
APP-27274	Changing the password on a source file system after running a migration job on it caused the job to fail on following runs.
APP-27300	Changing a file being uploaded to the portal could cause the edge filer to disconnect from the portal.

CTERA EDGE FILER 7.9.4600.20 (JUNE 2025)

WHAT'S NEW

Resolved Issues

ID Number	Description
APP-27193, APP-27208	After upgrading to CTERA Edge Filer version 7.9.4600.14, logging in to the edge filer failed.

CTERA EDGE FILER 7.9.4600.19 (JUNE 2025)

WHAT'S NEW

New Features

ID Number	Description
APP-26192	The display of top processes has been improved.
APP-26801, APP-27036, APP-27050, APP-27091	You can encrypt and passphrase protect the edge filer configuration file. For details, see Encrypting and Passphrase Protecting the Configuration File .

Resolved Issues

ID Number	Description
APP-26357	The Ransom Protect Settings text for blocking malicious users was corrected.
APP-26718	When using the next generation file system, after renaming and then deleting a folder, the original folder might have still existed on the portal.
APP-26736	When connected to a CTERA Portal version 8.1.x and higher the upload queue stalled.
APP-26887, APP-26924, APP-26943, APP-27029, APP-27080	Importing a configuration failed after connecting to Microsoft Active Directory.
APP-26982, APP-27127	When using a proxy server for Bitdefender, an error was issued after disabling and then re-enabling Bitdefender.
APP-27027	Attempting to download a file from the portal that has the same path and name of the file that was renamed and then copied back to the original file name caused a download error.

CTERA EDGE FILER 7.9.4600.14 (APRIL 2025)

WHAT'S NEW

New Features

ID Number	Description
APP-26833	Downloading content to the edge filer has been improved.

CTERA EDGE FILER 7.9.4600.12 (APRIL 2025)

WHAT'S NEW

Resolved Issues

ID Number	Description
APP-26706	Conflict files were created for Microsoft 365 files.
APP-26779	Bitdefender could not be enabled when using a proxy server for Bitdefender.
APP-26782	Remotely accessing an edge filer from the portal did not work after the edge filer rebooted.

CTERA EDGE FILER 7.9.4600.11 (APRIL 2025)

WHAT'S NEW

New Software Features

ID Number	Description
APP-26623, APP-26683	A new command enables NFS to be used on nested shares that are under non-POSIX cloud folders. For more details, contact CTERA Support.

Resolved Software Issues

ID Number	Description
APP-25497, APP-26675	Changing the edge filer name in Main > This Edge Filer disconnected the edge filer from Microsoft Active Directory.
APP-25927, APP-26685	An NFS migration created shares without NFS support and the <code>Only Authenticated Users</code> sharing protocol instead of <code>Windows ACL Emulation Mode</code> .
APP-26158, APP-26287	Full scans failed when direct uploads of content to the storage failed.
APP-26464, APP-26678	Modifying, creating, or deleting any shares failed if a share was created on an edge filer version 7.5.x or 7.6.x with a blocked file extension, such as <code>.ds_store</code> .
APP-26523	When using the next generation file system, the edge filer could have a subfolder missing when the parent folder was not correctly populated.
APP-26583, APP-26665	Remote access to an edge filer through the portal failed from edge filer version 7.8.4300.38.
APP-26590	When using the next generation file system, rapidly renaming folders did not upload the directories to the portal.
APP-26597	When Direct Mode was specified for a storage node, uploading files failed if the endpoint entry for the storage node included a non-default port.
APP-26673, APP-26686, APP-26687	When using CTERA Migrate to migrate a Nasuni Edge Appliance to a CTERA Edge Filer, <code>.nasuni</code> snapshots were also migrated.
APP-26723, APP-26727	Local quota alerts were not written to the journal.

CTERA EDGE FILER 7.9.4600.7 (MARCH 2025)

WHAT'S NEW

New Software Features

ID Number	Description
–	Improved stability.
APP-26472	<p>When adding a local user, the following validation is performed:</p> <p>The Username field must be between one and 32 characters long. It must start with an alphabetic character and end with an alphanumeric character or \$. It may contain alphanumeric characters, _, and –.</p> <p>If specified, the Full Name (optional) field must be between one and 256 characters long. It must start with an alphabetic character and end with an alphanumeric character or \$. It may contain alphanumeric characters, _, and –.</p>
APP-26549	Additional information has been added to the support report to help with troubleshooting.

CTERA EDGE FILER 7.9.4600.6 (FEBRUARY 2025)

WHAT'S NEW

CTERA Edge Filer version 7.9.x includes the following new features, which are also described in [What's New in CTERA Edge Filer Version 7.9.x](#).

New Software Features

ID Number	Description
APP-25533, APP-26394	The support report now includes local quota information.
APP-26225, APP-26400, APP-26252, APP-26392	Improvements to log files: <ul style="list-style-type: none">• /bin/net commands are now written to a separate log file.• Some SAMBA log files are now kept for longer before being overwritten with newer log files.

Resolved Software Issues

ID Number	Description
APP-26026, APP-26399	The edge filer user interface randomly went blank.
APP-26206, APP-26397	The user interface could not be accessed after importing a TLS certificate and then restarting the edge filer.
APP-26318, APP-26419	From the edge filer version 7.8.4300.27, uploading and downloading content directly, instead of through the portal, when the hostname ended with a period, did not work.
APP-26413	Restoring large files from a previous version did not work as the restored files were corrupted.

CTERA EDGE FILER 7.9.4600.5 (FEBRUARY 2025)

WHAT'S NEW

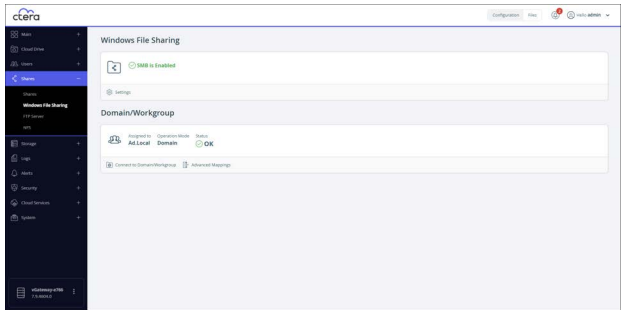
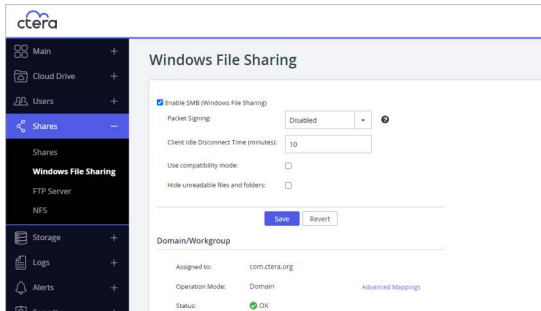
Resolved Software Issues

ID Number	Description
APP-25097	A renamed edge filer specified in the This Edge Filer page was not displayed in the TLS Certificate page even after regenerating the self-signed certificate.
APP-25584, APP-26319	Some folders became hidden and could not be accessed nor the permissions changed via SMB.
APP-25633, APP-26314	Handling a large number of infected files, at least 1000, caused the edge filer to stop working.
APP-25817, APP-26312	Updating the SNMP port in the user interface required restarting the edge filer for the change to work.
APP-25879, APP-26290	After setting local quota, restarting the edge filer in the middle of a scan resulted in the local quota not being applied to all the folders that were not scanned before the restart.
APP-26006, APP-26311	Creating or editing a share allowed enabling NFS even if the cloud folder was not POSIX-compliant.
APP-26227, APP-26307	The <code>Active Directory Connection Failure</code> notification did not send an email alert to the administrator.
APP-26265	In rare cases, after an edge filer disconnected from the portal, files were not synced to the portal.
APP-26289	Syncing stalled after a file in the upload queue was changed.

CTERA EDGE FILER 7.9.4600.4 (JANUARY 2025)

WHAT'S NEW

New Software Features

ID Number	Description
—	<p>Migrating NFS WORM Shares – You can migrate WORM compliant shares using the NFS protocol. NFS migration required portal 8.2.1500.37.2 or higher.</p> <p>Monitoring Edge Filer Services – You can monitor the state of all the edge filer services in a new dashboard, accessed by clicking Main > Services.</p> <p>User Interface Improvements – Sliders have been introduced to enable or disable features. When enabled, additional information is displayed. For example, with 7.9.x:</p>  <p>And with 7.8.x:</p> 

ID Number	Description
	<p>Additional Notifications – Additional notifications have been introduced to help monitor the environment and troubleshoot problems. For example, an alert is issued when:</p> <ul style="list-style-type: none"> • The number of SMB client connections is close to or exceeds the maximum connections defined for the edge filer. • The total number of cloud folders equals or exceeds the maximum supported (currently 20,000 cloud folders). • The Bitdefender antivirus signature DB that is being used is older than a week. <p>The alerts are automatically dismissed when the alert is no longer relevant.</p>
APP-19667	Input error messages in the UID/GID Mappings window have been improved.

Resolved Software Issues

ID Number	Description
APP-25808	When CTERA Ransom Protect was enabled, writes to Thumbs.db resulted in false positive results.
APP-25833	Enabling local quota and restarting the edge filer before local quota was enabled caused the local quota values to be lost.