



CipherTrust Transparent Encryption for Linux

Release Notes

- **Release 7.4.0.95**
- **Date: June 13, 2023**
- **Document Version: 1**

New Features and Enhancements

Release 7.4.0.95 of CipherTrust Transparent Encryption (CTE) for Linux adds new features, fixes known defects, and addresses known vulnerabilities.

Cloud Object Storage GuardPoints now supported for RHEL 9

- See [CTE for Cloud Object Storage](#) for more information.

Report exact number files encrypted in the GuardPoint

- A new command has been added, `voradmin ldt summary <guard path>` to report the exact number files encrypted in the GuardPoint.
See [CTE-LDT Command-Line Administration](#) for more information.

Upgraded OpenSSL

- Agent libraries now built on OpenSSL 3.0.

New Platform Support

The following kernels are supported starting with the CTE v7.4.0 GA release:

RHEL

- **RHEL 8.8**
- **RHEL 9.0/9.1**

Ubuntu

- **New 5.15 kernels for Ubuntu 20.04**
- **New 5.15 kernels for Ubuntu 22.04**

Rocky Linux

- **Rocky Linux 8.7**
- **Rocky Linux 9.0/9.1**

Secure Boot Advisory

For CipherTrust Transparent Encryption to support Secure Boot, the signing key for CTE kernel modules must be renewed every three years. Thales' current schedule for changing the signing key is the first week of 2024. For customers who take advantage of Secure Boot with CTE, the new certificate, matching the new signing key, must be added to their systems by the end of this year 2023 to ensure a smooth upgrade. In CTE 7.5, Thales will provide instructions for obtaining the new certificate.

Resolved Issues

- **AGT-42578: QOS logs do not clear automatically**

The Linux LDT QOS logs now automatically rotate as the logs grow in size. Previously, the log kept growing and caused system performance issues. Now, when the log reaches 1 MG in size, LDT rotates the log. LDT saves a maximum of five logs. After 5 files are created, it deletes the oldest log.
- **AGT-43311 [CS1446938]: Policy message shows username is null after agent upgrade**

The issue occurred because the user info cache timed out before it could retrieve the user info from SecFSD. It should have waited for 60 seconds, but it timed out after 30 seconds. This has been fixed.
- **AGT-44775 [CS1462903] (LDT) Server crashed due to secfs2**

Resolved potential race issue between the LDT rekey operation and a deleted file that the application may have kept open.
- **AGT-45190 [CS1467811]: Error installing CTE agent on RHEL 7.9**

The issue occurred because the `awk` command's character set for field separators was altered. The solution was to place quotes around the `awk` command field separator character set to ensure that it is not altered.

Known Issues

- **AGT-44159: GuardPoint reports as busy when user tries to uninstall so uninstall fails**

Work-around:

Manually terminate the process that is holding the service. Error message should indicate which process is causing the problem.

End of Life

- CipherTrust Transparent Encryption v7.4 is the last version in which CTE-Efficient Storage for Linux will be supported. CipherTrust Transparent Encryption v7.5 and subsequent versions will no longer support CTE-Efficient Storage for Linux.
- CipherTrust Transparent Encryption v7.4 is the last version that will support Ubuntu 18.04

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For support and troubleshooting issues:

- <https://supportportal.thalesgroup.com>
- (800) 545-6608

For Thales Sales:

- <https://cpl.thalesgroup.com/encryption/contact-us>
- CPL_Sales_AMS_TG@thalesgroup.com
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