



# CipherTrust Transparent Encryption

## Patch Release Notes for Linux Agents

- **Release:** 7.2.0.128 | 7.2.0.135
- **Date:** February 28, 2022

## Technical Alert

If you currently protect GuardPoints on NFS mounted shares with LDT polices, you must upgrade CTE to version 7.2.0.135 or a subsequent version.

### Issue

Attempts to enable GuardPoints on secondary members of LDT GuardPoint Groups fails for two reasons:

- With CTE-LDT primary host at v7.2.0.128 and a CTE secondary host at 7.2.0.135 or a subsequent version, the status of the GuardPoint displayed in the output of `secfsd -status guard` on the secondary host is:  
`LDT message version mismatch with primary`
- With CTE primary host at at 7.2.0.135 or a subsequent version and CTE secondary host at 7.2.0.128, the status of the GuardPoint displayed in the output of `secfsd -status guard` on the secondary host will be `Inactive`.

### Procedure

To upgrade:

1. Stop CTE on all members of the LDT GuardPoint Groups.
2. Stop `secfs` service by running the command `/etc/vormetric secfs stop`.
3. Upgrade CTE to the patch release.
4. Enable GuardPoints on the primary host.
5. On the remaining hosts, upgrade CTE and enable the GuardPoints.

## New Platform Support

### Ubuntu 20.04.4

- 5.4.0-99-generic (7.2.0.135)

## New Kernel Support

The following kernels are supported starting with CTE7.2.0.128 | 7.2.0.135.

### Ubuntu 18.04.6

- 4.15.0-166-generic (7.2.0.128)
- 5.4.0-92-generic (7.2.0.128)
- 5.4.0-94-generic (7.2.0.128)
- 5.4.0-97-generic (7.2.0.135)
- 5.4.0-99-generic (7.2.0.135)

### Ubuntu 20.04.3

- 5.4.0-92-generic (7.2.0.128)
- 5.4.0-94-generic (7.2.0.128)

## Teradata Kernel

- 4.4.140-96.94.TDC.1 (7.2.0.128)

## Resolved Issues

- **AGT-37489: LDT for CIFS/NFS failed to unguard after rekey completed when using a cloned key policy**

If the guard path name contains characters other than ASCII, it fails to unguard (meaning, it fails to remove membership files) as the internal functions do not support wide ASCII characters. To fix this issue, Thales has added support for wide ASCII characters.

- **AGT-37695: Updating timestamps fails for a non-root user**

LDT for CIFS may fail to update timestamps of targeted inodes that are in a partially rekeyed state because rekey was suspended. The cause of this failure is resolved in this patch release.

## Known Issues

- **AGT-37466: Under heavy workloads, the syslog displays a bad memhead error message**

The Syslog displayed the `bad memhead` error messages in `/var/log/messages`, under certain workloads, relating to CTE signature caches. This occurred when CTE detected freed memory and attempted to free it again.

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