# CipherTrust Transparent Encryption (CTE) for Windows

## Release Notes

- **Release: 7.2.0.128**
- **Date: February 04, 2022**

## New Features and Enhancements

Release 7.2.0.128 of CipherTrust Transparent Encryption (CTE) for Windows fixes known defects and addresses known vulnerabilities.

The major improvements to CTE for Windows in this release are:

## LDT for CIFS

- Live Data Transformation is now extended to network share deployments through a distributed architecture system, which allows users to encrypt data on CIFS shares without any application downtime. CTE agents can support encryption of data workloads for both direct-attached storage and network shares with zero encryption downtime and automated key rotation capabilities, to meet compliance requirements, without disrupting business applications.

## CTE Certificate Renewal

- CipherTrust Manager now supports automatic renewal of communication certificates with CipherTrust Manager. CTE Agent will attempt to renew the client certificates 60 days before their expiration date.

## Documentation Enhancements

- All CTE documentation is available at https://thalesdocs.com/ctp/cte/index.html.
- The CTE Compatibility Portal is now online.

> **Note:** The portal works best with Firefox and Chrome.

# Resolved Issues

- **AGT-37480 [CS1084169]: A compliance scan of port 7024 reported compliance issues with some TLS ciphers**

  New, compliant TLS ciphers were added to the software and non-compliant TLS ciphers were removed.

# Known Issues

## CTE

- **AGT-31170: Issues installing McAfee after the CTE Agent is installed**

  If you install the CTE Agent before you install McAfee VirusScan Enterprise + Antispyware Enterprise 8.8, McAfee may not initialize or be able to scan the host.

  **Workaround:** Install McAfee before installing the CTE Agent.

## LDT

- **AGT-33427: LDT may go into Incomplete state in DFSR environments**

  LDT may go into an incomplete state if the policy contains a security rule without the Apply Key effect. A file system may not terminate a reference to a file handle properly. If this happens, after the next rekey scan or after a reboot, rekey will transition into the correct rekeyed state.

- **AGT-35478 | 36734: While LDT is in progress on a CIFS share, file browsing may be slow or lagging**

  While LDT is in process, CTE needs to open all of the files inside the directory during directory enumeration. If there are large number of files inside the directory, it may slow down the directory enumeration process.

  **Workaround:**

  1. In the Registry, go to `HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\vmlfs\parameters`.
  2. Create a `DWORD` registry key `SkipDirEnumSizeChk`.
  3. Set the value to 1.

- **AGT-36201: LDT internal files may not be deleted after unguard operations**

  **Workaround:**

  Run the `voradmin ldt group remove` command to remove any internal LDT files or delete them manually.

- **AGT-36370: In a multinode environment, the vorvmd.log reports an error message when guarding an LDT over CIFS guardpoint**

  CTE agent needs the CIFS credentials to apply a GuardPoint on a CIFS share. This error message displays when a CTE agent is in the process of authenticating a user. You can safely ignore this error.

- **AGT-36570: Directory deletion may fail while LDT is in progress**

  While a rekey is in progress, if a user tries to delete a directory, all contents of the directory will be deleted. However, the directory may not be deleted.

  **Workaround:**

  Retry the operations, or delete the directory, once rekey is finished.

- **AGT-37206: If the majority of nodes fail in an LDT Communication Group, LDT cannot recover**

  The LDT Communication Group requires that the majority of nodes are active, in order for the LDT Communication Group to work properly. If 50% or more nodes fail, the LDT Communication Group cannot recover from that situation. To fix this issue, you must either:

  - Reboot all of the nodes in the entire LDT Communication Group.
  - In Windows, restart `secfsd`, through the **Control Panel > Services** page, for all of the nodes in the entire LDT Communication Group.

- **AGT-37344: When a node is removed and then immediately re-added to an LDT Communication Group, the guard operation may fail**

  If you remove a node from the LDT Communication Group, to decommission it or to repurpose it, you **must** reboot the node.

- **AGT-37345: LDT process may transition into suspend state if Primary node crashes during the Guard/Unguard operation**

  **Workaround:**

  Reboot the primary node to exit from the above state. Note: If the primary node is rebooted, the primary node for the GuardPoint may change.

- **AGT-37389: Rekey may transit into Incomplete state if CIFS credentials are outdated or incorrect credentials are provided**

  **Workaround:**

  If you want to change a user name, domain or password of a CIFS credential in a CM connection, then you need to create a new connection on CM and change the GuardPoint to use the new connection.

## Upgrade Considerations

- **Upgrade from 5.2.1.45 to 7.2.0**

  Upgrading from v5.x.x to 7.x.x is not supported. Only upgrading from 6.x.x to 7.x.x is supported due to new drivers added.

# Advisories

Veritas Cluster support is dropped in CTE Agent v7.2.0.

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For support and troubleshooting issues:

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

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- https://cpl.thalesgroup.com/encryption/contact-us
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