**HPE Certificate Update Linux Tool**

Overview

This tool will update the device certificate chain on all drives discovered on the system that are of:

* Micron 7450 & 7500 product family

Once the update is complete, the FW version will be updated to:

* Micron 7500: HPK5
* Micron 7450: HPS5

Drives will have the certificate chain with expiration dates of:

* Root certificate: 2042
* ICA1: 9999
* Device: 9999

Supported Linux Operating Systems

* Red Hat 8.0, 8.2, 8.6, 8.10, 9.0, 9.14
* Ubuntu 22.04, 24.04
* SUSE 15 SP0, 15 SP2, 15 SP4, 15 SP5, 15 SP6

Install/Execution Prerequisites

* Admin privileges

Installation

1. Copy the application to a specific location/directory.

Execution

1. Open Terminal

* Open the terminal on your system.

2. Navigate to the application directory

* Use the cd command to navigate to the directory where the application is located. For example:

$ cd /path/to/your/application

3. Add executable permissions

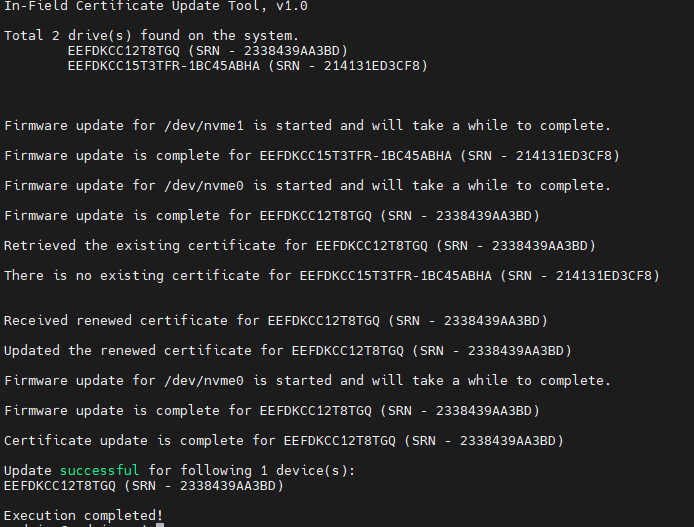
* To add executable permission to the application, use the `chmod` command:

$ chmod +x HPECertificateUpdate

4. Run the application with Admin Privileges

* To run the application with admin privileges, use the `sudo` command:

# sudo ./HPECertificateUpdate



Application Logs

The application generates two different logs that need to be collected and shared if the certificate update fails for any device:

* hpe\_tool.log

Location: The current directory where the application is executed from.

* mseapiLogFile.txt

Location: “/var/log/StorageExecutive”