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Centre de la sécurité
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CANADIAN CENTRE FOR **CYBER SECURITY**

COMMON CRITERIA MAINTENANCE REPORT

KLC Group LLC CipherDrive v1.2.3

20 January 2023

511-LSS

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FOREWORD

This Maintenance Report is an UNCLASSIFIED publication, issued under the authority of the Chief, Communications Security Establishment (CSE).

The IT product identified in this report has been previously evaluated at an approved Common Criteria testing lab established under the Canadian Common Criteria program using the Common Methodology for IT Security Evaluation, Version 3.1 Revision 5, for conformance to the Common Criteria for IT Security Evaluation, Version 3.1 Revision 5.

This report is not an endorsement of the IT product by the Canadian Centre for Cyber Security, and no warranty of the IT product by the Canadian Centre for Cyber Security is expressed or implied.

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1 INTRODUCTION

An Impact Analysis Report was submitted to the Canadian Common Criteria program to extend the validity of the Common Criteria certificate previously awarded to **KLC Group LLC CipherDrive v1.2.2** from **KLC Group LLC**

The process to achieve this under mutual recognition is described in [Assurance Continuity: CCRA Requirements](#), version 2.2, September 2021. In accordance with the requirements of this process, the Impact Analysis Report describes all changes made to the product and/or its IT environment, all resulting changes made to the evaluation evidence, and the security impact of the changes.

The purpose of this document is to summarize and present the Canadian Common Criteria program's findings regarding the assurance maintenance of **KLC Group LLC CipherDrive v1.2.3**, hereafter referred to as the maintained Target of Evaluation, or maintained TOE.

2 DESCRIPTION OF CHANGES

The following characterizes the changes implemented in the maintained TOE and/or the environment. For each change, it was verified that there were no required changes to the security functional requirements in the Security Target.

Table 1: TOE Identification

Original TOE	KLC Group LLC CipherDrive v1.2.2
Maintained TOE	KLC Group LLC CipherDrive v1.2.3
Developer	KLC Group LLC

2.1 DESCRIPTION OF CHANGES IN THE MAINTAINED TARGET OF EVALUATION

The changes in the maintained TOE comprise the following:

- Linux Kernel Updated (5.4 to 5.15)
- Smart Card enrollment updated to address expired certificates
- Updates to disabled functionality
- Minor GUI updates/bug fixes
- Patching to address the following CVEs:

CVE-2021-23840	CVE-2021-3782	CVE-2020-29651	CVE-2022-45061
CVE-2020-1971	CVE-2021-43618	CVE-2021-4197	CVE-2022-37454
CVE-2021-23839	CVE-2014-0190	CVE-2022-28356	CVE-2018-16428
CVE-2022-0778	CVE-2018-19869	CVE-2022-29968	CVE-2018-16429
CVE-2022-1292	CVE-2018-19870	CVE-2022-0563	CVE-2019-12450
CVE-2021-3712	CVE-2018-19870	CVE-2021-37600	CVE-2019-13012
CVE-2022-2068	CVE-2018-19871	CVE-2016-3709	CVE-2020-35457
CVE-2022-38533	CVE-2018-19873	CVE-2017-6312	CVE-2021-3800
CVE-2022-41741	CVE-2020-17507	CVE-2017-6313	
● CVE-2022-44638	CVE-2022-29458	CVE-2017-6314	

2.2 AFFECTED DEVELOPER EVIDENCE

Modifications to the product necessitated changes to the following developer evidence that was previously submitted in support of the original evaluation:

- Security Target (Security Target KLC Group LLC CipherDrive v1.2.3, 18 January 2023, v1.3)
 - Date and versions of documents updated
 - TOE reference updated
 - Excluded functionality updated
- Common Criteria guide (KLC CipherDrive v1.2 Common Criteria Guide, v1.3)
 - Date and versions of documents updated
 - TOE reference updated
 - Excluded functionality updated
- TOE User Manual (KLC Group LLC, CipherDrive v1.2, KLC PBA, 10-11-2022)
 - Date and version updated
 - TOE reference updated
 - Guidance regarding Smart Card enrollment updated
 - Clarifications to update process
- Entropy Description (Entropy Description KLC Group LLC, CipherDrive v1.2, 18 January 2023, v1.1)
 - Updated to reflect new kernel

3 CONCLUSIONS

Through functional and regression testing of the maintained TOE, assurance gained in the original TOE certification was maintained. As all the changes to the maintained TOE have been classified as minor, it is the conclusion of the CB that the maintained TOE is appropriate for assurance maintenance and re-evaluation is not required.

The assurance maintenance of the TOE has been conducted in accordance with the provisions of the Canadian Common Criteria Scheme and the conclusions are consistent with the evidence adduced. This is not an endorsement of the IT product by the Cyber Centre or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by the Cyber Centre or by any other organization that recognizes or gives effect to this certificate, is expressed or implied.



4 REFERENCES

Reference
Assurance Continuity: CCRA Requirements, v2.2, September 2021
Certification Report KLC Group LLC CipherDrive v1.2.2 , Version 1.0, February 17, 2021
Security Target KLC Group LLC CipherDrive v1.2.3, 18 January 2023, v1.3
Impact Analysis Report KLC Group LLC CipherDrive v1.2.3, 20 January 2023, v1.2

