



COMMON CRITERIA MAINTENANCE REPORT

Dell EMC™ VPLEX® v6.0

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Version 1.0





FOREWORD

This Maintenance Report is an UNCLASSIFIED publication, issued under the authority of the Chief, Communications Security Establishment (CSE). Suggestions for amendments should be forwarded through departmental communications security channels to your Client Services Representative at CSE.

If your department has identified a requirement for report based on business needs and would like more detailed information, please contact:

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OVERVIEW

EWA-Canada has submitted the Impact Analysis Report (IAR) for Dell EMC™ VPLEX® v6.0 (hereafter referred to the maintained Target of evaluation or maintained TOE), satisfying the requirements outlined in Assurance Continuity: CCRA Requirements, v2.1, June 2012. In accordance with those requirements, the IAR describes the changes implemented in the maintained TOE, the evidence updated as a result of the changes and the security impact of the changes.



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1 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 ST, and thorough functional and regression testing was conducted by the developer.

1.1 DESCRIPTION OF CHANGES IN THE MAINTAINED TARGET OF EVALUATION

The changes in the TOE comprise;

- Bug fixes resulting from defects detected and resolved through the Quality Assurance/test process;
- Thin provision functionality was added to optimize storage efficiency;
- Java and OpenSSH versions were updated;
- An upgrade to the VS6 hardware which resulted in a communications standard change from Fibre Channel to InfiniBand;
- A new role-based access feature was added to restrict default shell access to the management server; and
- Various support features were added for VPLEX Metro, thin storage, and VS6 upgrades.

1.2 AFFECTED DEVELOPER EVIDENCE

Modifications to the product necessitated changes to a subset of the developer evidence that was previously submitted for the TOE. The set of affected developer evidence was identified in the IAR.

Modifications to the security target were made to reflect the new product versions.



2 CONCLUSIONS

Through functional and regression testing of the TOE, assurance gained in the original TOE certification was maintained. As all of 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 continuity and re-evaluation is not required.

The IT product identified in this report has been previously evaluated at an approved evaluation facility established under the Canadian Common Criteria Evaluation and Certification Scheme using the Common Methodology for IT Security Evaluation, Version 3.1 Revision 4, for conformance to the Common Criteria for IT Security Evaluation, Version 3.1 Revision 4.

This is not an endorsement of the IT product by CSE or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by CSE or by any other organization that recognizes or gives effect to this certificate, is expressed or implied.

2.1 REFERENCES

| Reference |
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| Assurance Continuity: CCRA Requirements, v2.1, June 2012 |
| Common Criteria Certification Report for EMC VPLEX® v5.5, Version 1.0, May 11, 2016. |
| EMC VPLEX® v5.5 Security Target, Version 1.0, April 26, 2017. |