Maintenance Report

EMC® Smarts® Service Assurance Management (SAM) Suite 7.1, SAM Adapters 1.1, and Internet Protocol (IP) Management Suite 7.0.2, with EMC® Smarts® Storage Insight for Availability (SIA) 2.0.1

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1 Introduction

On 21 March 2008, Electronic Warfare Associates-Canada (EWA-Canada) submitted an Impact Analysis Report to the CCS Certification Body on behalf of EMC Corporation, the developer of the EMC® Smarts® Service Assurance Management (SAM) Suite 7.1, SAM Adapters 1.1, and Internet Protocol (IP) Management Suite 7.0.2, with EMC® Smarts® Storage Insight for Availability (SIA) 2.0.1 (hereafter referred to as the SAM 7.1 and IP 7.0.2 with SIA 2.0.1) product. The Impact Analysis Report is intended to satisfy requirements outlined in version 1.0 of the Common Criteria document CCIMB-2004-02-009: Assurance Continuity: CCRA Requirements. In accordance with those requirements, the Impact Analysis Report (IAR) describes the changes made to SAM 7.1 and IP 7.0.2 with SIA 2.0.1 (the maintained Target of Evaluation), the evidence updated as a result of the changes and the security impact of the changes.

2 Description of changes to the TOE

The following characterizes the changes implemented in the SAM 7.1 and IP 7.0.2 with SIA 2.0.1. 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 to ensure that the assurance in the Target of Evaluation (TOE) was maintained. The changes in the SAM 7.1 and IP 7.0.2 with SIA 2.0.1 comprise bug fixes resulting from defects detected and resolved through the QA/test process.

3 Description of Changes to the IT Environment

Changes to the IT Environment are permissible under assurance continuity provided that they do not change the certified TOE. A modified ST was provided which listed the updated software. EMC Corporation subjected the TOE to complete regression testing. The changes to the IT Environment (product) include the addition of support for newer operating systems such as Solaris 10 and a product name change.

4 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.

5 Conclusions

All changes to the TOE were bug fixes. Through functional and regression testing of the SAM 7.1 and IP 7.0.2 with SIA 2.0.1, assurance gained in the original TOE certification was maintained. As all of the changes to the 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.

6   References

Assurance Continuity: CCRA Requirements, CCIMB-2004-02-009, version 1.0, February 2004

Technical Oversight for Assurance Continuity of a Certified TOE, version 1.2, October 2005

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