



Maintenance Report

**Alcatel-Lucent 7-Series Service Router Operating System (SROS)
v10.0; Service Aggregation Router Operating System (SAR OS)
v5.0; and Service Access Switch Operating System (SAS OS) v4.0.**

Issued by:

Communications Security Establishment Canada

Certification Body

Canadian Common Criteria Evaluation and Certification Scheme

© Government of Canada, Communications Security Establishment, 2012

Document number: 383-7-76-MR
Version: 1.1
Date: 19 June 2012
Pagination: 1 to 2

Deleted: 0

1 Introduction

Alcatel-Lucent has submitted (via EWA-Canada) the Impact Analysis Report (IAR) for Alcatel-Lucent 7-Series Service Router Operating System (SROS) v10.0; Service Aggregation Router Operating System (SAR OS) v5.0; and Service Access Switch Operating System (SAS OS) v4.0 (hereafter referred to as 7-Series), satisfying the requirements outlined in Assurance Continuity: CCRA Requirements, v2.0, November 2011. In accordance with those requirements, the IAR describes the changes implemented in the 7-Series, (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 in the Maintained Target of Evaluation

The following characterizes the changes implemented in 7-Series. 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 7-Series comprise the following:

- The TOE name has changed to Alcatel-Lucent 7-Series Service Router Operating System (SROS) v10.0; Service Aggregation Router Operating System (SAR OS)v5.0; and Service Access Switch Operating System (SAS OS) v4.0, to reflect the branching of source code to provide support for the new hardware platforms;
- The Control and Switch Module (CSM) hardware queue associated with the new platforms has been included within the TOE, previously only the Central Processor Module (CPM) was included; and
- Bug fixes resulting from defects detected and resolved through the QA/test process.

3 Description of Changes to the IT Environment

The following hardware platforms are now supported: 7750 Service Router (SR/ SRc), 7450 Ethernet Services Switch (ESS), 7705 Service Aggregation Router (SAR), and 7210 Service Access Switch (SAS).

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.

Formatted: Font: Italic

Deleted: 0

Formatted: Font: Italic

5 Conclusions

All changes to the maintained TOE were bug fixes and performance improvements to the cryptographic module. Through functional and regression testing of the 7-Series, 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.

6 References

Assurance Continuity: CCRA Requirements, v2.0, November 2011.

CCS Guide #6, Technical Oversight for Assurance Continuity of a Certified TOE, v1.6, May 2011.

Certification Report - EAL 2+ Evaluation of Alcatel-Lucent Service Router Operating System (SR OS) v7.0, v1.0, 7 May 2010.

Formatted: Font: Italic

Deleted: 0

Formatted: Font: Italic