



Australian Government
Department of Defence

Australasian Information Security Evaluation Program

**Maintenance Report Supplementing
Certificate Report 2015/93**

**16 December 2016
Version 1.1**

Commonwealth of Australia 2016

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Amendment Record

Version	Date	Description
0.1	10 October 2016	Internal
1.0	11 October 2016	Final for external release
1.1	16 December 2016	Minor update to ST in response to NIAP comments

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Chapter 1 – Introduction

1.1 Purpose

This document is an addendum to the Certification Report (Ref [1]) that describes the relevant baseline evaluation of the Cisco Adaptive Security Appliances running ASA 9.4(1) with ASDM 7.4.

The purpose of this Maintenance Report is to describe the status of the assurance continuity activities undertaken by Cisco Systems Inc for the Cisco Adaptive Security Appliances against the requirements contained in the Assurance Continuity: CCRA Requirements (Ref [2]).

Cisco Systems Inc. has provided information about their assurance continuity activities in the form of an Impact Analysis Report (IAR) (Ref [3]). The IAR lists the changes made to the certified TOE, the evidence updated as the result of the changes and the security impact of the changes.

This report should be read in conjunction with:

- a) Australasian Information Security Evaluation Program, Cisco Adaptive Security Appliances Certification Report 2015/93, 21 July 2015, Version 1.0 (Ref [1]).
- b) The certified TOE's Security Target Cisco Adaptive Security Appliances, Security Target, Version 3.0, July 7, 2015 (Ref [4]) which provides a full description of the security requirements and specifications that were used as the basis of the baseline evaluation.

1.2 Identification

Table 1: Identification Information.

Item	Identifier
Impact Analysis Report	Cisco Adaptive Security Appliances, Impact Analysis Report For Common Criteria Assurance Maintenance Version 0.3, September 22, 2016
Evaluation Scheme	Australasian Information Security Evaluation Program
Maintained TOE	Cisco Adaptive Security Appliances running ASA 9.4(1.13) with ASDM 7.6(1)
Developer	Cisco Systems Inc.
Certified TOE	Cisco Adaptive Security Appliances running ASA 9.4(1) with ASDM 7.4
Security Target	Cisco Adaptive Security Appliances, Security Target,

	Version 3.0, July 7, 2015
Updated Security Target	Cisco Adaptive Security Appliances Security Target, Version 3.1, December 14, 2016
Certificate Number	2015/93

Table 1 provides identification details for the evaluation. For details of all components included in the evaluated configuration refer to section 1.4 Evaluated Configuration of the Security Target (Ref [4]).

Chapter 2 – IAR Summary

2.1 Description of changes

The Impact Analysis Report (IAR) indicated that the following minor changes have been made to the Cisco Adaptive Security Appliances.

Table 2: Model Changes

ID	Description	Certified version	Changed version
1	Cisco Adaptive Security Appliances	9.4(1)	9.4(1.13)
2	ASDM	7.4	7.6(1)

2.2 Software changes

The overall impact of the fixes is minor. Each fix was applied to make the TOE function as originally intended, no additional security functionality was added, and no existing security functionality was removed.

Each individual fix was unit tested, and the 9.4(1.13) image has had a limited amount of automated regression testing to confirm a baseline of functionality.

Types of minor bug fixes that are not related to the TSF include:

- Fixes for License issues
- Fixes for Multicast and Broadcast traffic
- Fixes for Memory Leaks
- Fixes for SNMP Management
- Fixes for Switching and Routing protocols
- Fixes for Availability
- Fixes for System Load Testing
- Fixes for NAT/PAT
- Fixes for QoS
- Fixes for Network Services
- Fixes for WebVPN
- Fixes for Miscellaneous bugs.

Types of minor bug fixes that are related to the TSF include:

- Fixes for TCP protocol processing
- Fixes for Firewall Rule processing
- Fixes for IPsec protocol processing
- Fixes for SSH and TLS protocol processing
- One fix for specific syslog messages

- Fixes for Miscellaneous bugs.

2.3 Hardware changes

Nil.

2.3 New features

Nil.

2.4 Documentation Updated:

The certified Security Target was updated to reflect the updated software versions. The guidance was also updated to reflect the updated software versions.

Table 2: Document Changes

ID	Description	Certified version	Changed version
1	Cisco Adaptive Security Appliances, Security Target	3.0, July 7, 2015	3.1, December, 14, 2016
2	Cisco Adaptive Security Appliance (ASA) 9.4(1) Preparative Procedures & Operational User Guide for the Common Criteria Certified configuration	3.1 July 7 2015	1.1, September 6, 2016

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Chapter 3 - Assurance Continuity

3.1 Assurance Continuity Result

After consideration of the Impact Analysis Report (IAR) provided by Cisco Systems, Inc. Australasian Certification Authority (ACA) has determined that the proposed changes are minor. The ACA agrees that the resultant change in the TOE can be classified as minor and that certificate maintenance is the correct path to continuity of assurance. The ACA agrees that the original assurance result is maintained for Cisco Adaptive Security Appliances 9.4 (1.13) and ASDM 7.6(1).

References and Abbreviations

A.1 References

1. Certification Report Australasian Information Security Evaluation Program, Cisco Adaptive Security Appliances Certification Report 2015/93, 21 July 2015, Version 1.0
2. Assurance Continuity: CCRA requirements, Common Criteria Interpretation Management Board, CCIMB-2012-06-02, Version 2.1, June 2012.
3. Cisco Adaptive Security Appliances, Impact Analysis Report For Common Criteria Assurance Maintenance Version 0.3 September 22, 2016
4. Cisco Adaptive Security Appliances, Security Target, Version 3.0, July 7, 2015
5. Cisco Adaptive Security Appliances, Security Target, Version 3.1, December 14, 2016
6. Cisco Adaptive Security Appliance (ASA) 9.4(1.1) Preparative Procedures & Operational User Guide for the Common Criteria Certified configuration version 1.1, September 6, 2016.

A.2 Abbreviations

ACA	Australasian Certification Authority
AISEP	Australasian Information Security Evaluation Program
CC	Common Criteria
CCRA	Common Criteria Recognition Arrangement
ASD	Australian Signals Directorate
IAR	Impact Analysis Report
TOE	Target of Evaluation
TSF	TOE Security Function