



**Australian Government**  
**Department of Defence**

# **Australasian Information Security Evaluation Program**

**Maintenance Report**

**Supplementing Certification Report 2009/51**

**26 July 2010**

**Version 1.0**

Commonwealth of Australia 2010.

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## Amendment Record

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# Chapter 1 - Introduction

## 1.1 Purpose

- 1 This document is an addendum to the Certification Report (Ref [1]) that describes the relevant baseline evaluation of Cisco Network Admissions Control (NAC).
- 2 The purpose of this Maintenance Report is to describe the status of assurance continuity activities undertaken by Cisco Systems, Inc. for Cisco Network Admissions Control Version V.4.7.1 against the requirements contained in Assurance Continuity: CCRA Requirements (Ref [2]).
- 3 Cisco Systems, Inc. provided information about their assurance continuity activities in the form of an Impact Analysis Report (IAR). The IAR (Ref [3]) lists the changes made to the certified TOE, the evidence updated as a result of the changes and the security impact of the changes.
- 4 This report should be read in conjunction with
  - a) The certified TOE's Certification Report (Ref [1]).
  - b) The certified TOE's Security Target (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

- 5 Table 1 provides identification details for the maintained TOE and the certified TOE.

**Table 1: Identification Information**

Item	Identifier
Evaluation Scheme	Australasian Information Security Evaluation Program
Maintained TOE	Cisco Network Admissions Control 4.7.1
Updated Security Target	Cisco Network Admission Control Security Target Version 2.1 December 2009 (Ref [5])
Developer	Cisco Systems, Inc.
Certified TOE	Cisco Network Admissions Control V.4.5(1)
Security Target	Cisco Network Admission Control Security Target, January 2009, Version 1.0 (Ref [4])
Evaluation Level	EAL2+
Certificate Number	2009/51

## Chapter 2 - IAR Summary

### 2.1 Description of Changes

- 6 The Impact Analysis Report indicated that the changes to Cisco NAC from 4.5.1 to 4.7.1 includes a number of non-security related enhancements, security-related enhancements that do not affect the certified TOE, security-related enhancements that affect the certified TOE and bug fixes.
- 7 The non security related enhancements include multibyte language support internationalisation and installation process changes that do not pertain to the TOE's evaluated configuration.
- 8 The only security related enhancement that affects the certified TOE is FIPS 140-2 compliance for Agent and Appliance and this does not affect the security functionality claimed in the Security Target.

### 2.2 Documentation Updated

- 9 The affected developer evidence is listed in the following table.

**Table 2: Affected Developer Evidence.**

Document	Updated Revision	Date
Cisco Network Admission Control, Security Target	Revision 2.1	Dec 2009
Cisco NAC TOE Configuration Item List	Revision 3.0	Dec 2009
Cisco NAC Appliance Version 4.7(1) Preparative Procedures Wrapper	Revision 10	Dec 2009
Cisco Network Admission Control Operation User Guidance (Common Criteria specific)	Revision 5.0	Dec 2009

## Chapter 3 - Assurance Continuity

### 3.1 Assurance Continuity Result

- 10 After consideration of the Impact Analysis Report (IAR) provided by Cisco Systems, Inc. the Australasian Certification Authority (ACA) has determined that assurance in the product is maintained.
- 11 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 Systems, Inc. Cisco Network Admissions Control V.4.7.1.

## References and Abbreviations

### A.1 References

- [1] Certification Report 2009/51, Australasian Certification Authority. 16 February 2009.
- [2] Assurance Continuity: CCRA requirements, Common Criteria Interpretation Management Board, CCIMB-2004-02-009, Version 1.0, February 2004.
- [3] Impact Analysis Report for Common Criteria Assurance Maintenance Update of Cisco Network Admission Control 4.5(1) to 4.7.1.
- [4] Cisco Network Admission Control Security Target, January 2009, Version 1.0
- [5] Cisco Network Admission Control Security Target V2.1 December 2009
- [6] Cisco Network Admission Control Operation User Guidance (Common Criteria Specific) Revision 5.0 December 2009.

### A.2 Abbreviations

ACA	Australasian Certification Authority
AISEP	Australasian Information Security Evaluation Program
CC	Common Criteria
CCRA	Common Criteria Recognition Arrangement
DSD	Defence Signals Directorate
EAL	Evaluation Assurance Level
IAR	Impact Analysis Report
NAC	Network Admission Control
TOE	Target of Evaluation