



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

# **Australasian Information Security Evaluation Program**

**Maintenance Report**  
**Supplementing Certification Report**  
**2009/51**

**03 SEP 2009**

**Version 1.0**

Commonwealth of Australia 2009.

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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 the Cisco Network Admission Control.
- 2 The purpose of this Maintenance Report is to describe the status of the Assurance Continuity process for Cisco Systems Inc. Network Admission Control Version 4.5(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 Target of Evaluation (TOE), provides evidence of the resultant changes and the security impact of those 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 used as the basis for 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	Network Admission Control 4.5(1)
Developer	Cisco Systems Inc.
Certified TOE	Network Admission Control 4.1(6)
Security Target	Cisco Network Admission Control Security Target, January 2009, Version 1.0
Evaluation Level	EAL2+
Certificate Number	2009/51

## Chapter 2 - IAR Summary

### 2.1 Description of Changes

- 6 Cisco Network Admission Control V4.5(1) is a newer maintenance version than Cisco Network Admission Control V4.1(6). The IAR indicates that Network Admission Control V4.5(1) contains a number of bug fixes that are not included in Network Admission Control V4.1(6). Many of the bug fixes concern general Network Admission Control issues and are not related to the TOE scope. The IAR notes that there are some bug fixes that intersect with TOE security functionality, however, in each case the changes impact generic operation of the Network Admission Control product, or are applied to make the TOE function as originally intended, without security functionality being added or removed.

### 2.2 Documentation Updated

- 7 The affected developer evidence is:
- Software changes – bug fixes to the product.
  - Changes to customer-facing documentation:
    - a) ST: Security Target updated to reflect the updated software version;
    - b) PRE: Preparative Procedures Wrapper updated to reflect the updated software version; and
    - c) ALC: Cisco's NAC TOE Configuration Item List updated to reflect new configuration items.

## Chapter 3 - Assurance Continuity

### 3.1 Assurance Continuity Result

- 8 On consideration of the IAR provided by Cisco Systems Inc. the Australasian Certification Authority (ACA) determines that the changes are not security relevant. All changes address product issues which:
  - a) had little or no security relevance; or
  - b) had some security relevance; the effect of the changes ensure the TOE functions as expected and does not add or detract from the stated requirements in the ST.
- 9 The ACA determines that the resultant change in the TOE is classified as minor and that certificate maintenance is the correct path to continuity of assurance. This report concludes that the original EAL2+ assurance result is maintained for Cisco's Network Admission Control V4.5(1).

## References and Abbreviations

### A.1 References

- [1] Certification Report 2009/51, Australasian Certification Authority, Version 1.0, 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 Update of Cisco Network Admission Control from 4.1(6) to 4.5(1), Version 0.1, 9 April 2009
- [4] Cisco Network Admission Control Security Target, Version 2.0, April 2009
- [5] Cisco's NAC TOE Configuration Item List, Revision 2, April 2009
- [6] Cisco NAC Appliance Version 4.5(1) Preparative Procedures Wrapper, Version 9, April 2009

### A.2 Abbreviations

ACA	Australasian Certification Authority
ALC	CC Assurance Class: Life-cycle support
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
PRE	CC Assurance Class AGD_PRE: Guidance documents, preparative procedures
ST	Security Target
TOE	Target of Evaluation