



CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

ASSURANCE CONTINUITY MAINTENANCE REPORT FOR CISCO Nexus 5000 with v5.0(3)N1(1c)

Maintenance Update of Cisco Nexus 5000 with v5.0(3)N1(1c)

Maintenance Report Number: CCEVS-VR-VID10384-2011

Date of Activity: 6 July 2012

References: Common Criteria Evaluation and Validation Scheme Publication #6, Assurance Continuity: Guidance for Maintenance and Re-evaluation, version 2.0, 8 September 2008;

Impact Analysis Report Common Criteria Assurance Maintenance for Cisco Nexus 5000 with v5.0(3)N1(1c), VID:10384, Prepared by: Cisco Systems, Inc., version 1.0, 24 April 2012.

Documentation Updated: (List all documentation updated)

- Updated Security Target to add Nexus 5548UP to the list of models in the TOE.
- Updated Guidance documentation for Cisco Nexus 5000/2000 Series to add Nexus 5548UP to the list of models in the TOE. Guidance documentation includes:
 - Configuration Management, Lifecycle and Delivery Procedures, and
 - Nexus 5000 Series Switch Nexus 2000 Series Fabric Extender Cisco Secure ACS Preparative Procedures and Operational User Guidance (Common Criteria Specific).

Assurance Continuity Maintenance Report:

Cisco Systems, Inc. submitted an Impact Analysis Report (IAR) to CCEVS for approval on 24 April 2012. The IAR is intended to satisfy requirements outlined in Common Criteria Evaluation and Validation Scheme Publication #6, Assurance Continuity: Guidance for Maintenance and Re-evaluation, version 2.0. In accordance with those requirements, the IAR describes the changes made to the certified TOE, the evidence updated as a result of the changes and the security impact of the changes.

Changes to TOE:

The TOE includes a series of switches and related components, i.e., the Cisco Nexus 5000 Series Switch w/2000 Series Fabric Extenders running s/w NX-OS v5.0(3)N1(1c), and Cisco Secure Access Control Server (ACS) running s/w v5.2 patch 3. The Security Target and guidance documentation was updated to add the Nexus 5548UP to the list of models in the TOE. The only change to the TOE is the addition of one additional hardware model, the 5548UP, which is functionally equivalent to evaluated hardware models. The 5548UP runs the same evaluated software version as other models in the TOE, loads the same exact boot image as all the other models in the TOE.

The addition of the 5548UP is not security relevant in that this model enforces the TOE security functionality through use of the same exact software image. This model does not offer any network connectivity options that were not available in models included in the original TOE in either the 5548P or the 5596UP.

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The 5548UP supports up to 48 network ports (32 built-in unified ports and one expansion slot for one 16-port expansion module), whereas the 5596UP supports up to 96 ports (48 built-in unified ports, and three expansion slots for 16-port expansion modules). The "UP" models include built-in "unified ports" which can each be configured as either Gigabit Ethernet (or FCoE), or Fiber Channel, whereas the built-in ports of the "P" model only supports Gigabit Ethernet (or FCoE), but not Fiber Channel. The same expansion modules are compatible with the 5548P, the 5548UP, and the 5596UP

Conclusion:

CCEVS reviewed the description of the changes and the analysis of the impact upon security, and found it to be minor. Therefore, CCEVS agrees that the original assurance is maintained for the above-cited version of the product.