CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

ASSURANCE CONTINUITY MAINTENANCE REPORT FOR
HP Network Switch Models: 3500yl, 5400zl, 6200yl, 6600, 8200zl with
Software Version K.15.09.04 Models: 3800 with Software Version KA.15.09.04
Security Target

Maintenance Update of HP Network Switch Models: 3500yl, 5400zl, 6200yl, 6600, 8200zl with Software
Version K.15.09.04 Models: 3800 with Software Version KA.15.09.04 Security Target

Maintenance Report Number: CCEVS-VR-VID10410-2012

Date of Activity: 22 September 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 (IAR) for CC EAL2+ Evaluation - VID10410, March 20, 2012.

Documentation Updated: (List all documentation updated)
- Updated Security Target: Updated the software version to K15.09.04 for original models and
  added the 3800 series with software KA15.09.04 to the list of models in the TOE.
- Updated Test Plans and Procedures to include software version K15.09.04 & KA15.09.04 and
  add the 3800 series to the list of models in the TOE.
- Updated Configuration Item List
- Updated Guidance documentation for HP Switch Series:

Reference Title
HP Switch Software Access Security Guide (3500 switches, 3500yl switches, 3800 switches, 5400zl switches, 6200yl switches, 6600 switches, 8200zl switches) Software version K.15.09.04, June 2012
HP Switch Software Advanced Traffic Management Guide Software version K.15.09.04, June 2012
HP Switch Software Basic Operation Guide (HP 3500, HP 3800, HP 2520, HP 3500yl, HP 2620, HP 2520G, HP 5400zl, HP 2615, HP 6200yl, HP 2910, HP 6600, HP 2915, HP 8200zl), June 2012
Common Criteria for HP Networking Switches, Read Me First, September 2012
HP Switch Software Comware CLI Commands in ProVision (HP 3500, HP 3500yl, HP 5400zl, HP 6200yl, HP 6600, HP 8200zl) Software K.15.09.04, June 2012
HP Switch Software Event Log Message Reference Guide (HP 3500, HP 3800, HP 2520, HP 3500yl, HP 2620, HP 2520G, HP 5400zl, HP 2615, HP 6200yl, HP 2910al, HP 6600, HP 2915, HP 8200zl), June 2012
Hewlett-Packard Company\5400/8200 zl Switch Series Hardware Version: 5406 zl, 5412 zl, 8206 zl, and 8212 zl Firmware Version: K.15.07.0003 FIPS 140-2 Non-Proprietary Security Policy Version1.0, July 16, 2012
5998-3301 Switch Software IPv6 Configuration Guide, June 2012
HP Switch Software Management and Configuration Guide (3500 switches, 3500yl switches, 3800 switches, 5400zl switches, 6200yl switches, 6600 switches, 8200zl switches) Software version K.15.09.04, June 2012
HP Switch Software Multicast and Routing Guide (3500 switches, 3500yl switches, 3800 switches, 5400zl switches, 6200yl switches, 6600 switches, 8200zl switches) Software version K.15.09.04, June 2012
Release Notes: Version K.15.09.04.0003 Software for the HP Series 3500, 3500yl, 5400zl, 6200yl, 6600, and 8200zl Switches, July 2012
Software Feature Index for the HP 3500/3500yl/3800/5400zl/6200yl/6600/8200zl Switches, June 2012

Assurance Continuity Maintenance Report:

HP Networking submitted an Impact Analysis Report (IAR) to CCEVS for approval in 21 June 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.

HP Networking provided updated guidance documentation, configuration item list, release notes, and regression testing results for models 3500yl, 5400zl, 6200yl, 6600, 8200zl with Software Version K.15.09.04 and 3800 model with Software Version KA.15.09.04 for maintenance consideration.

The lab reviewed all updated evidence using same methodology as used during the initial evaluation and executed an Independent Testing activity.at HP Networking's facility in Roseville CA. A Test Report of this activity was submitted to NIAP for review.

The independent testing done by the lab confirmed that:
- All models behaved the same under the testing environment.
- The updated TOE software images (K15.09.04 and KA15.09.04 when loaded on the appropriate models) behaved the same.
- The Logical Scope and Physical Scope of the TOE remained the same as the original evaluation.
- The enhancement of the Cryptographic Libraries to the Mocana Library had been correctly implemented and that the updates to the FCS class SFRs in the ST was correctly done.
- Physical scope, TOE configuration, operating assumptions, supporting IT Environment, and physical boundary of the TOE all remained the same.

Summary of changes to TOE:

The TOE includes a series of switches and related components. The model list (3500yl, 5400zl, 6200yl, 6600, 8200zl) was updated to include the 3800 series. The switch models (Models: 3500yl, 5400zl, 6200yl, 6600, 8200zl) now operate with the update Software Version K.15.09.04. The 3800 switch models run the same software base (same functionality and features); however it has different hardware library compiled into it for the 3800 switch hardware and is designated as Software Version KA.15.09.04 (separately maintained image).

The HP Networking software crypto libraries were updated to use the Mocana libraries.
Note: HP Networking switch products based on the K.15.07.03 code were submitted for FIPS 140-2 Level 2 certification using the Mocana cryptographic libraries. The cryptography in those products is now CAVP and CMVP certified. The HP Networking products based on the K.15.09.04 and KA.15.09.04 are using the same Mocana cryptology libraries and implementation as the K.15.07.03.

FCS SFRs where updated to reflect update algorithms that the Mocana Library provides.

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.