CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

**ASSURANCE CONTINUITY MAINTENANCE REPORT FOR
BROCADE COMMUNICATIONS SYSTEMS, INC.
BROCADE FASTIRON SX, ICX, AND FCX SERIES SWITCH/ROUTER 08.0.30**

Maintenance Update of Brocade Communications Systems, Inc. Brocade FastIron SX, ICX, and FCX Series Switch/Router 08.0.30

Maintenance Report Number: CCEVS-VR-VID10604-2016

Date of Activity: 14 January 2016

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 for Brocade Communications Systems, Inc. Brocade FastIron SX, ICX, and FCX Series Switch/Router 08.0.30, Revision 1.1, January 5, 2016

Documentation Updated:

- Brocade Communications Systems, Inc. FastIron SX, ICX, and FCX Series Switch/Router 08.0.30 Security Target, v0.5, 01/05/2016.

Assurance Continuity Maintenance Report:

Gossamer Laboratories submitted an Impact Analysis Report (IAR) to CCEVS on behalf of Brocade Communications Systems on 5 January 2016. 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 has been extended to include the ICX 7250 family of hardware appliances; the ICX 7250 has been added to the list of TOE platforms. There are no other changes to the TOE.

The ICX 7250 platform addition is addressed by the equivalence argument in existing, and previously validated, evaluation documentation. The ICX 7250 is part of the SuperX series of platforms. The SuperX series, ICX 6450 family, ICX 7250 family, ICX 7450 family, and ICX 7750 family are all based on a Linux. However, the Brocade software image installed is exactly the same as the previously evaluated platforms and the device drivers are identical to those previously evaluated. The ICX 7250 family shares the same Brocade software implementing all of the security functions. All of the security functions are implemented in Brocade software and as such, the evaluators anticipate that the underlying OS should make no difference in terms of test procedures or results. The ICX 7450 was tested as part of the original evaluation and it has the same processor as the ICX 7250, Dual-core ARM Cortex A9 1GHz and uses the same device drivers. The differences between the models of a given family include AC vs. DC power, fiber vs. copper network connections, and number of available network ports. None of these differences was

considered security relevant since none of the NDPP security requirements, nor the functions to address them, are related to any of these product characteristics. It is also assumed that the vendor would certainly do reasonable functional testing to ensure that fiber and copper connections, AC and DC power, and the ability to use available network ports work as expected.

Other than hardware-specific installation manuals addressing physical differences, the user guidance (administration, security, FIPS, and upgrade manuals in particular) are the same.

Conclusion:

CCEVS reviewed the description of the changes and the analysis of the impact upon security, and found that the TOE platform added may be considered equivalent to the evaluated platforms. Therefore, the CCEVS has determined that the change is minor and meets the definition for assurance maintenance as described in Scheme Process #6.