



## CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

### ASSURANCE CONTINUITY MAINTENANCE REPORT FOR BROCADE COMMUNICATIONS SYSTEMS, INC. BROCADE FASTIRON SX, ICX, AND FCX SERIES SWITCH/ROUTER 8.0.30a

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#### Maintenance Update of Brocade Communications Systems, Inc. Brocade FastIron SX, ICX, and FCX Series Switch/Router 8.0.30

**Maintenance Report Number:** CCEVS-VR-VID10604-2015

**Date of Activity:** 08 September 2015

**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 8.0.30, Revision 1.0, July 31, 2015

Brocade Communications Systems, Inc. FastIron SX, ICX, and FCX Series Switch/Router Release Notes v1. 4/27/2015

**Documentation Updated:** (List all documentation updated)

- Brocade Communications Systems, Inc. FastIron SX, ICX, and FCX Series Switch/Router Security Target, v1.1, 5/13/2014.
- FastIron FIPS and Common Criteria Configuration Guide - This Guide has been updated address the new version.

#### Assurance Continuity Maintenance Report:

Gossamer Laboratories submitted an Impact Analysis Report (IAR) to CCEVS on behalf of Brocade Communications Systems on 2 September 2015. 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 revised to the product and development environment. Changes are summarized below:

- Brocade Communications Systems, Inc. Brocade FastIron SX, ICX, and FCX Series Switch/Router 8.0.20 to Brocade Communications Systems, Inc. Brocade FastIron 8.0.30
- Trusted certificate can be lost for syslog connection - Performing switch over on Fast Iron devices three times, deletes the trusted certificate from ICX switch. The result is the connectivity to

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encrypted syslog server is lost n so that the certificate doesn't have to reloaded. This is bug fix in 8.0.30 from 8.0.20

- Incorrect display values for certificates - Copy trusted certificate from Linux server to ICX switch. The time and date on the certificates displays on ICX device doesn't match with the Linux server time and date issue has been corrected.
- Identified several bugs related to routing protocols however Routing protocols are not within the scope of an NDPP.
- Fixed several SNMP related defects however these defects are not related to the ST claims. These changes are not security relevant.
- Fixed non security related software defects.

### **Affected Developer Evidence:**

All of the CC evidences were changed as a result of TOE modification.

- Updated ST to identify the new version number and new FIPS document.

### **Equivalency Discussion**

The changes made to the TOE do not impact the functionality required under the NDPP. These changes address the software defect fixes in previous versions of the TOE. These changes are primarily related to changes in network protocol and service improvements and as indicated above none is related to the security claims in the evaluated ST. There were no hardware changes.

There was no evidence of the vendor performed regression testing to validate that the bugs were fixed and this testing was not witnessed by the Gossamer Laboratories Common Criteria Test Lab.

### **Conclusion:**

CCEVS reviewed the description of the changes and the analysis of the impact upon security, and found that the fix allows the product to operate as described in the Security Target. Therefore, the CCEVS has determined that the change is minor and meets the definition for assurance maintenance as described in Scheme Process #6.