



## CCEVS APPROVED ASSURANCE CONTINUITY MAINTENANCE REPORT

### ASSURANCE CONTINUITY MAINTENANCE REPORT FOR

#### F5 BIG-IP Local Traffic Manager 6400 High Availability Pair v9.3.0

**Maintenance Report Number: CCEVS-VR-07-0024a**

**Date of Activity:** 26 June 2007

**References:** Common Criteria document CCIMB-2004-02-009 "Assurance Continuity: CCRA Requirements", version 1.0, February 2004;

"F5 Networks BIG-IP® Local Traffic Manager 6400 High Availability pair (qty 2) Impact Analysis Report", v1.1, 21 June 2007, document 07-948-R-0066

**Documentation Updated:**

F5 Networks BIG-IP® Local Traffic Manager 6400 developer evidence documents.

"F5 Networks BIG-IP® Local Traffic Manager 6400 High Availability pair (qty 2) Security Target", v1.5, 3 May 2007, document 05-948-R-0105

**Assurance Continuity Maintenance Report:**

On 21 June 2007, F5 Networks, together with InfoGard Laboratories, submitted an Impact Analysis Report (IAR) to CCEVS for approval. The IAR is intended to satisfy requirements outlined in Common Criteria document CCIMB-2004-02-009, "Assurance Continuity: CCRA Requirements", version 1.0, February 2004. 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:**

This maintenance activity covers changes to both hardware and software. The changes to hardware consist of migration to two new platforms:

1. F5-BIG-LTM-6400-RS (PN: 200-0215-09), which complies with the European standards for reduced hazardous materials (with the standard 2 GB RAM), and
2. F5-BIG-LTM-6400-4GB-RS (PN: 200-0258-09), which also complies with the European standards for reduced hazardous materials but with 4 GB RAM)

The changes made in the update of TOE software from version 9.2.3 to the 9.3.0 revision consist of minor "bug" fixes and patches for third party open source products made based on reported vulnerabilities. All changes made to the BIG-IP software package are below the TSF abstraction levels that were part of the original EAL2 evaluation. That is, none of the changes introduced new interfaces to the TOE, nor changed the current interfaces.

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### **Analysis and Testing:**

InfoGard Laboratories, the Common Criteria Testing Lab (CCTL) that performed the original evaluation, also analyzed and described each of the 100 changes that were made as part of this maintenance action.

All of the changes were tested by F5 Networks prior to distribution to assure they correct the originating issue and to assure no adverse effects of the change are evident. Testing was also extended to modules and functions surrounding the updates to ensure they were not peripherally affected. All of the changes were reviewed by the CCTL and determined not to require additional ATE\_FUN.1 testing.

### **Conclusion:**

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