



Maintenance Report

McAfee Firewall Enterprise v8.3.2 and McAfee Firewall Enterprise
Control Center v5.3.2

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1 Introduction

McAfee has submitted, via Primasec, the Impact Analysis Report (IAR) for McAfee Firewall Enterprise v8.3.2 and McAfee Firewall Enterprise Control Center v5.3.2 (hereafter referred to as McAfee Firewall Enterprise), satisfying the requirements outlined in Assurance Continuity: CCRA Requirements, v2.1, June 2012. In accordance with those requirements, the IAR describes the changes implemented in McAfee Firewall Enterprise (the maintained Target of Evaluation), the evidence updated as a result of the changes and the security impact of the changes.

2 Description of changes in the Maintained Target of Evaluation

The following characterizes the changes implemented in McAfee Firewall Enterprise. For each change, it was verified that there were no required changes to the security functional requirements in the ST, and thorough functional and regression testing was conducted by the developer to ensure that the assurance in the Target of Evaluation (TOE) was maintained.

The changes to McAfee Firewall Enterprise comprise feature enhancements such as:

- Enhancement to the Endpoint Intelligence Agent (formerly called the Network Integrity Agent).
- High Availability Optimizations.
- Performance and stability improvements to the data base system and log configuration.

Performance improvements were made to the cryptographic modules to support new FIPS guidelines.

These include:

- SHA-2 support for hash functions.
- A new RNG is used in accordance with latest NIST Guidelines.

The following Cryptographic modules were updated:

- McAfee Firewall Enterprise 1100F;
- McAfee Firewall Enterprise 2150F;
- McAfee Firewall Enterprise 4150F;
- McAfee Firewall Enterprise S1104, S2008, S3008, S4016, S5032, S6032;
- McAfee Firewall Enterprise (VMware);
- McAfee Firewall Enterprise (Crossbeam); and
- McAfee Firewall Enterprise Control Centre Hardware Appliance.

3 Affected developer evidence

Modifications to the product necessitated changes to a subset of the developer evidence that was previously submitted for the TOE. The set of affected developer evidence was identified in the IAR.

Modifications to the security target were made to reflect the new product versions.

4 Conclusions

All changes to the maintained TOE were feature enhancements as well as improvements to the cryptographic modules. Through functional and regression testing of McAfee Firewall Enterprise, assurance gained in the original TOE certification was maintained. As all of the changes to the maintained TOE have been classified as minor, it is the conclusion of the CB that the maintained TOE is appropriate for assurance continuity and re-evaluation is not required.

5 References

Assurance Continuity: CCRA Requirements, v2.1, June 2012.

CCS Guide #6, Technical Oversight for Assurance Continuity of a Certified TOE, v1.6, May 2011.

Certification Report EAL 4+ Evaluation of McAfee Firewall Enterprise v8.2.0 and McAfee Firewall Enterprise Control Center v5.2.0, v1.0, 27 January 2012.