C055A Maintenance Report

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HP TippingPoint Intrusion Prevention Systems, comprising the S7500NX, S7100NX, S6200NX, S5200NX, S2600NX, S1400N, S6100N, S5100N, S2500N and S660N model appliances running TippingPoint Operating System v3.8.0

7 April 2015

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RELEASE	DATE	PAGES AFFECTED	REMARKS/CHANGE REFERENCE
d1	31/3/2015	All	Initial draft of maintenance report
v1	7/4/2015	All	Final version of maintenance report

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1 Introduction

1 The Target of Evaluation (TOE) is the HP TippingPoint Intrusion Prevention Systems (IPS) devices, comprising the S7500NX, S7100NX, S6200NX, S5200NX, S2600NX, S1400N, S6100N, S5100N, S2500N and S660N model appliances running TippingPoint Operating System v3.8.0. The Target of Evaluation (TOE), is HP TippingPoint version 3.8.0 (hereinafter referred to as HP TippingPoint) are network-based intrusion prevention system appliances that are deployed in-line between pairs of networks.

2 The purpose of this document is to enable developers to provide assured products to the IT consumer community in a timely and efficient manner against the certified and updated version of TOE as in table 1 identification below.

3 Identification Information

Table 1 – Identification Information

Assurance Maintenance Identifier	CO55A
Project Identifier	C055
Evaluation Scheme	Malaysian Common Criteria Evaluation and Certification (MyCC) Scheme
Impact Analysis report	Impact Analysis Report, HP TippingPoint Intrusion Prevention System, ISSX1063-IAR-1.0, 26 March 2015, version 1.0
New TOE	HP TippingPoint Intrusion Prevention System v3.8.0
Certified TOE	HP TippingPoint Intrusion Prevention System v3.7.2
New Security target	HP TippingPoint Intrusion Prevention Systems Security Target Version, v2.0, 20 MARCH 2015
Certified Security Target	HP TippingPoint Intrusion Prevention Systems Security Target Version, v1.0, 9 JAN 2015
Evaluation Level	Evaluation Assurance Level 3 (EAL3) Augmented with ALC_FLR.2
Evaluation Technical Report (ETR)	Evaluation Technical Report for HP TippingPoint Intrusion Prevention System v3.7.2 ,v1.0, 23 FEB 2015 (EMY003494-S025-ETR v1.0)
Criteria	Common Criteria for Information Technology Security Evaluation, September 2012, Version 3.1 Revision 4 (Ref [2])
Methodology	Common Evaluation Methodology for Information Technology Security Evaluation, September 2012, Version 3.1 Revision 4 (Ref[VIII])
Common Criteria	CC Part 2 Extended

Conformance	CC Part 3 Conformant Package conformant to EAL3 Augmented (ALC_FLR.2)
Protection Profile Conformance	None
Sponsor & Developer	HP TippingPoint 14231 Tandem Blvd Austin, Texas 78728 USA
Evaluation Facility	BAE Systems Applied Intelligence MySEF

2 Description of Changes

4 HP has issued a new release of the HP TippingPoint Intrusion Prevention System v3.8.0. The changes to the TOE consist of nine (9) new features and thirteen (13) minor fixes no additional security functionality was added and no existing security functionality was removed (ref[I]).

2.1. Changes to the product associated with the certified TOE

5 The following features have been added in HP TippingPoint Intrusion Prevention Systems v3.8.0 (ref[III]):

a) Login consent banner
b) NTPv3 support
c) DNS reputation remediation
d) T ACACS+ remote authentication
e) Supports for SFP+ direct attach cables
f) Hostname displayed in console connection and SSH
g) HTTP URL and NCR Encoding/Decoding Support
h) SNMP sysContact string is now configurable
i) SNMPv3 usability enhancements

6 The following items provide clarification or describe issues fixed in this release (ref[III]):

a) Command error for modifying password
b) Control plane CPU stuck at 100 percent
c) Corrupt URI log file and export failure
d) CSRF during vulnerability scans
e) DNS filter shows separate domain entries as one entry
f) Inspection of encoded HTTP responses
g) Interruption in packet stats reporting
h) Layer 2 Fallback caused by various failures and crashes
i) Management port of halted IPS still responds to ping
j) Network interruptions after upgrade to 3.7.1
k) NX-Platform packet drops and BGP failures
l) Page fault after distributing the RepDV (Rep Feed) database
m) Quarantine log dropped from Technical Support Report

2.2. Changes to the development environment associated with the certified TOE

7 There are no specific changes to secure delivery and distribution site, configuration management procedures, site security procedures and configuration management tools and tools used to develop the TOE.

3 Affected Developer Evidence

8 The affected developer evidence submitted associated for the assurance continuity required by the CCRA Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012 are:

a) HP TippingPoint Intrusion Prevention System Security Target, 20 March, version 2.0

b) HP TippingPoint IPS Command Line Interface Reference, February 2015, Part number: 5998-1404

c) HP TippingPoint Local Security Manager User's Guide, February 2015, Part number: 5998-1405

d) HP TippingPoint N-Platform Hardware Installation and Safety Guide, February 2015, Part number: 5900-2851

e) HP TippingPoint NX-Platform Hardware Installation and Safety Guide, February 2015, Part number: 5998-1403

f) HP-Tipping Point N and NX-Platform Products Configuration Items for Common Criteria, 20 March 2015, Revision G

g) MIB Guide for TOS v3.8.0, February 2015, Part number: 5998-1407

Annex A References

[I] Impact Analysis Report (IAR), ISSX1063-IAR-1.0, 26 March 2015, version 1.0

[II] HP TippingPoint Intrusion Prevention Systems Security Target Version, v1.0, 9 JAN 2015

[III] HP TippingPoint Intrusion Prevention Systems Security Target Version, v2.0, 20 MARCH 2015

[IV] Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012

[V] Declaration of Similarity (DoS) for Product Families, autxa_1002_DoS_05, 2 March 2015

[VI] Arrangement on the recognition of Common Criteria Certificates in the field of Information Technology Security, May 2000.

[VII] The Common Criteria for Information Technology Security Evaluation, Version 3.1, Revision 4, September 2012.

[VIII] The Common Evaluation Methodology for Information Technology Security Evaluation, Version 3.1, Revision 4, September 2012.

[IX] MyCC Scheme Policy (MyCC_P1), v1a, CyberSecurity Malaysia, December 2009.

[X] MyCC Scheme Evaluation Facility Manual (MyCC_P3), v1, December 2009.

[XI] HP TippingPoint Intrusion Prevention Systems Security Target, Version 1.0, 09 January 2015

[XII] C055 Evaluation Technical Report for HP TippingPoint, EMY003494-S025-ETR-1.0, v1.0, 23 February 2015

Result of the Analysis

9 The outcome of the review changes that were made to the TOE of this report found that none of the modifications significantly affects the security mechanisms that implement the functional requirements of the Security Target (ref[III]) as required in accordance of Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012 (ref[IV]).

10 The nature of the changes leads to the conclusion that they are classified as minor changes. Therefore, it is agreed based on the evidences given that the assurance is maintained for this version of the product.

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