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M008 Maintenance Report

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M008 Maintenance Report

Infoblox Trinzic Appliances with NIOS v8.2.6

29 Oct 2018

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Document Change Log

RELEASE	DATE	PAGES AFFECTED	REMARKS/CHANGE REFERENCE
d1	16 Oct 2018	All	Initial draft
v1	29 Oct 2018	All	Final version of certification report
v1a	9 November 2018	Page 3&5	Update on table and references

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1 Introduction

- 1 The TOE is Infoblox Trinzic Appliances with NIOS v8.2.6 (Infoblox) product. The TOE includes the NIOS v8.2.6 software, hardware and virtual appliances. The TOE appliances are a family of network appliances that provide core network services including DNS, DHCP, IPAM, FTP, TFTP and HTTP. In addition to providing core network services expected from a network device, the TOE also provides Secure Grid functionality. Secure Grid is the capability of Infoblox appliances to work cooperatively in an enterprise deployment.
- 2 One appliance is designated as a Master which distributes configuration information to all other Grid devices. Grid communication is secured with OpenVPN.
- 3 The TOE NIOS operating system is a hardened version of the Fedora Linux distribution optimized for security and network performance. The appliance models are differentiated by performance, capacity and availability to support various deployment scenarios such as a branch-office or large enterprise.
- 4 The TOE provides cryptography in support of Infoblox Trinzic security functionality.
- 5 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 the TOE as identified in table 1 below.

Table 1 - Identification Information

Assurance Maintenance Identifier	M008
Project Identifier	C089
Evaluation Scheme	Malaysian Common Criteria Evaluation and Certification (MyCC) Scheme
Impact Analysis Report	Impact Analysis Report - Infoblox Trinzic Appliances with NIOS v8.2.6
New TOE	Infoblox Trinzic Appliances with NIOS v8.2.6
Certified TOE	Infoblox Trinzic Appliances with NIOS v8.2.6
New Security Target	Infoblox Trinzic Appliances with NIOS v8.2.6 Security Target, Version 1.1, 17 September 2018
Evaluation Level	EAL2 Augmented (ALC_FLR.2)
Evaluation Technical Report (ETR)	Evaluation Technical Report - Infoblox Trinzic Appliances with NIOS v8.2.6 EAU000426.10-S043-ETR - Version 1.0, 12 June 2018
Criteria	Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and general model, April 2017, Version 3.1, Revision 5

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	<p>Common Criteria for Information Technology Security Evaluation, Part 2: Security functional components, April 2017, Version 3.1, Revision 5</p> <p>Common Criteria for Information Technology Security Evaluation Part 3: Security assurance components, April 2017, Version 3.1, Revision 5</p>
Methodology	Common Methodology for Information Technology Security Evaluation, Evaluation methodology, April 2017, Version 3.1, Revision 5
Common Criteria Conformance	CC Part 2 Extended CC Part 3 Conformant Package conformant to EAL2 Augmented (ALC_FLR.2)
Protection Profile Conformance	None
Sponsor	Leidos Inc. 6481 Benjamin Franklin Drive, Columbia, Maryland 21046 USA
Developer	Infoblox Inc. 4750 Patrick Henry Drive, Santa Clara, California 95054 USA
Evaluation Facility	BAE Systems Applied intelligence - MySEF Level 28, Menara Binjai, 2 Jalan Binjai, 50450 Kuala Lumpur, Malaysia

2 Description of Changes

- 6 Infoblox Inc. has requested to include an additional Infoblox Trinzic appliance model to the previous certified TOE - Infoblox Trinzic Appliances with NIOS v8.2.6. There is one (1) minor update to the Infoblox Trinzic Appliances with NIOS v8.2.6 since it was certified on 22 June 2018. The change to the certified TOE consist of one (1) new additional hardware appliance model (IB-4025) and one (1) new virtual appliance model (IB-V4025). The additional model runs the same NIOS operating system version of the certified TOE, but on a different hardware and virtual appliance as reflected in the updated Security Target (Ref. [1]). No additional security functionality was added and no existing security functionality was removed.

2.1. Changes to the product associated with the certified TOE

Table 2 – Hardware and software changes/additions

Change	Description
Infoblox Trinzic Appliances with NIOS v8.2.6	One (1) new hardware appliance model IB-4025 and one (1) new virtual appliance model IB-V4025 are added to the evaluated configuration of the certified TOE, whereby both appliance models run the certified NIOS operating system v8.2.6 software.

3 Affected Developer Evidence

- 7 The affected developer evidence submitted for the assurance continuity required by the CCRA Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012 are:
- a) Infoblox Trinzic Appliances with NIOS v8.2.6 Security Target, Version 1.1, 17 September 2018
 - b) Infoblox Trinzic Appliances with NIOS v8.2.6 Functional Specification, Version 1.1, 17 September 2018
 - c) Infoblox Trinzic Appliances with NIOS v8.2.6 Security Architecture Description, Version 0.3, 17 September 2018
 - d) Infoblox Trinzic Appliances with NIOS v8.2.6 Design Specification, Version 1.1, 17 September 2018
 - e) Infoblox Installation Guide 4005 Series Appliances, 400-0624-000 Rev. D, 15 September 2018
 - f) Infoblox Inc. NIOS v8.2 Life Cycle Support: Configuration Management, Version 1.1, 10 October 2018

4 Result of Analysis

- 8 The outcome of the review found that none of the modifications significantly affects the security mechanisms that implement the functional requirements of the Security Target (Ref. [1]) as required in accordance of Assurance Continuity: CCRA Requirements version 2.1 (2012-06-01) June 2012 (Ref.4).
- 9 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.

Annex A References

- [1] Infoblox Trinzic Appliances with NIOS v8.2.6 Security Target, version 1.1, 17 September 2018
- [2] Infoblox Trinzic Appliances with NIOS v8.2.6 Security Target, version 1.0, 30 May 2018
- [3] Impact Analysis Report Inblox Trinzic Appliances with NIOS v8.2.6, version 1.1, GOXX2153-IAR, 15 Oct 2018
- [4] Assurance Continuity: CCRA Requirements Version 2.1 (2012-06-01) June 2012
- [5] Arrangement on the recognition of Common Criteria Certificates in the field of Information Technology Security, July 2014.
- [6] Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and general model, April 2017, Version 3.1, Revision 5
- [7] Common Methodology for Information Technology Security Evaluation, Evaluation methodology, April 2017, Version 3.1, Revision 5
- [8] ISCB Product Certification Scheme Policy v1a, 19 June 2017
- [9] ISCB Evaluation Facility Manual (ISCB_EFM), v1, 22 June 2018.
- [10] Evaluation Technical Report - Infoblox Trinzic Appliances with NIOS v8.2.6 EAU000426-S043-ETR, version 1.0, 12 June 2018.

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