

WAPPLES v4.0

PENTA SECURITY SYSTEMS INC.

Certificate Effectiveness Maintenance Report

Certification No : KECS-NISS-0426-2012

November 2015



IT Security Certification Center

1. TOE

WAPPLES v4.0

2. Date of Application

2 October 2015

3. Date of Activity

30 November 2015

4. Overview

The IT environment of the TOE is changed with 4 new hardware models. The change to the certified product has no effect on assurance.

Therefore, the assurance as outlined in the Certification Report KECS-NISS-0426-2012 is maintained for this version of the product.

This report is an addendum to Certification Report KECS-NISS-0426-2012.

5. Changes to TOE

Hardware models for Detection Engine are changed by adding 4 new models(WAPPLES-1200 1Q320N07, WAPPLES-2200 1Q350N09, WAPPLES-5200 2T220N03, WAPPLES-10000 2T280N03)

Updated TOE hardware models for Detection Engine in WAPPLES Appliance and their specification are as follows.

Hardware Model		Description	
WAPPLES-1200 1Q320N07	CPU	Intel Xeon Quad Core 3.40 GHz	
	Memory	4GB * 2 OR 4GB * 4 OR 8GB * 4	
	HDD	Default	1TB * 1 OR 2TB * 1 OR 4TB * 1
		Expand	(Expansion 1 Slot) 4TB * 1
		Max	1TB * 1, 4TB * 1 OR 2TB * 1, 4TB * 1 OR 4TB * 2
	SSD	128 GB * 1 OR 256 GB * 1 OR 512 GB * 1	
	N E T W O R K	Default	Mgmt. port : 10/100/1000 BaseTX * 2 Service port : 1000 Base Optical * 2
		Expand	(Expansion 3 Slot) <ul style="list-style-type: none"> ▪ 10/100/1000 BaseTX * 4 ▪ 10/100/1000 BaseTX * 8 ▪ 1000 BaseSFP * 4 ▪ 1000 BaseSFP * 8 ▪ 1000 Base Optical * 2 ▪ 1000 Base Optical * 4
Max		Mgmt. port : 10/100/1000 BaseTX * 2 Service port : - 1000 Base Optical * 2 - 10/100/1000 BaseTX * 24 OR - 1000 Base Optical * 2 - 1000 BaseSFP * 24 OR - 1000 Base Optical * 14	
WAPPLES-2200 1Q350N09	CPU	Intel Xeon Quad Core 3.50 GHz	
	Memory	8GB * 2 OR 8GB * 4	

Hardware Model		Description	
	H D D	Default	1TB * 1 OR 2TB * 1 OR 4TB * 1
		Expand	(Expansion 1 Slot) 4TB * 1
		Max	1TB * 1, 4TB * 1 OR 2TB * 1, 4TB * 1 OR 4TB * 2
		SSD	128 GB * 1 OR 256 GB * 1 OR 512 GB * 1
	N E T W O R K	Default	Mgmt. port : 10/100/1000 BaseTX * 2 Service port : 1000 Base Optical * 2
		Expand	(Expansion 3 Slot) <ul style="list-style-type: none"> ▪ 10/100/1000 BaseTX * 4 ▪ 10/100/1000 BaseTX * 8 ▪ 1000 BaseSFP * 4 ▪ 1000 BaseSFP * 8 ▪ 10000 BaseSFP * 2 ▪ 1000 Base Optical * 2 ▪ 1000 Base Optical * 4 ▪ 10000 Base Optical * 2
		Max	Mgmt. port : 10/100/1000 BaseTX * 2 Service port : - 1000 Base Optical * 2 - 10/100/1000 BaseTX * 24 OR - 1000 Base Optical * 2 - 1000 BaseSFP * 24 OR - 1000 Base Optical * 14 OR - 1000 Base Optical * 2 - 10000 BaseSFP * 6 OR - 1000 Base Optical * 2

Hardware Model		Description	
		- 10000 Base Optical * 6	
WAPPLES-5200 2T220N03	CPU	Intel Xeon Ten-Core 2.20 GHz * 2	
	Memory	4GB * 6 OR 8GB * 8 OR 8GB * 16 OR 16GB * 16	
	H D D	Default	1TB * 1 OR 2TB * 1 oR 4TB * 1
		Expand	(Expansion 1 Slot) 4TB * 1
		Max	1TB * 1, 4TB * 1 OR 2TB * 1, 4TB * 1 OR 4TB * 2
	SSD	128 GB * 1 OR 256 GB * 1 OR 512 GB * 1	
	N E T W O R K	Default	Mgmt. port : 10/100/1000 BaseTX * 2 Service port : 1000 Base Optical * 2
		Expand	(Expansion 4 Slot) <ul style="list-style-type: none"> ▪ 10/100/1000 BaseTX * 4 ▪ 10/100/1000 BaseTX * 8 ▪ 1000 BaseSFP * 4 ▪ 1000 BaseSFP * 8 ▪ 10000 BaseSFP * 2 ▪ 1000 Base Optical * 2 ▪ 1000 Base Optical * 4 ▪ 10000 Base Optical * 2
		Max	Mgmt. port : 10/100/1000 BaseTX * 2 Service port : - 1000 Base Optical * 2 - 10/100/1000 BaseTX * 32 OR

Hardware Model		Description	
		- 1000 Base Optical * 2 - 1000 BaseSFP * 32 OR - 1000 Base Optical * 18 OR - 1000 Base Optical * 2 - 10000 BaseSFP * 8 OR - 1000 Base Optical * 2 - 10000 Base Optical * 8	
WAPPLES-10000 2T280N03	CPU	Intel Xeon Ten-Core 2.80 GHz * 2	
	Memory	4GB * 8 OR 8GB * 8 OR 8GB * 16 OR 16GB * 16	
	H D D	Default	1TB * 1 OR 2TB * 1 OR 4TB * 1
		Expand	(Expansion 1 Slot) 4TB * 1
		Max	1TB * 1, 4TB * 1 OR 2TB * 1, 4TB * 1 OR 4TB * 2
	SSD	128 GB * 1 OR 256 GB * 1 OR 512 GB * 1	
		Default	Mgmt. port : 10/100/1000 BaseTX * 2 Service port : 1000 Base Optical * 2
		Expand	(Expansion 4 Slot) ▪ 10/100/1000 BaseTX * 4

Hardware Model		Description
	N E T W O R K	<ul style="list-style-type: none"> ▪ 10/100/1000 BaseTX * 8 ▪ 1000 BaseSFP * 4 ▪ 1000 BaseSFP * 8 ▪ 10000 BaseSFP * 2 ▪ 1000 Base Optical * 2 ▪ 1000 Base Optical * 4 ▪ 10000 Base Optical * 2
		<p>Mgmt. port : 10/100/1000 BaseTX * 2</p> <hr/> <p>Service port :</p> <ul style="list-style-type: none"> - 1000 Base Optical * 2 - 10/100/1000 BaseTX * 32 <p>OR</p> <ul style="list-style-type: none"> - 1000 Base Optical * 2 - 1000 BaseSFP * 32 <p>OR</p> <ul style="list-style-type: none"> - 1000 Base Optical * 18 <p>OR</p> <ul style="list-style-type: none"> - 1000 Base Optical * 2 - 10000 BaseSFP * 8 <p>OR</p> <ul style="list-style-type: none"> - 1000 Base Optical * 2 - 10000 Base Optical * 8

[Table 1] Specifications of Detection Engine Hardware Models

In addition, the OpenSSL library in Detection Engine for establishing a secure communication channel with Management Console is upgraded from 0.9.8za to 0.9.8zg.

6. Assessment

The vendor for WAPPLES v4.0 submitted IAR [2] to IT Security Certification Center for approval. The IAR is intended to satisfy the requirements outlined in the document Assurance Continuity [1]. The IAR includes the following items;

- A. The changes made to the certified TOE
- B. The evidence updated as a result of the changes and,
- C. The security impact of the changes

The vendor changed only two abbreviation terms. The security target[3] is correctly updated.

7. Conclusion

The change to the TOE is to hardware models. Consideration of the nature of the change leads to the conclusion that it is classified as a minor change and that certificate maintenance is the correct path to continuity of assurance.

Therefore, IT Security Certification Center agrees that the assurance as outlined in the Certification Report [4] is maintained for this version of the product.

8. References

- [1] Common Criteria document “Assurance Continuity: CCRA Requirements”, version 2.1, June 2012
- [2] Security Impact Analysis Report, “WAPPLES v4.0 Security Impact Analysis Report ”, v9.0, November 30, 2015
- [3] WAPPLES v4.0 Security Target v10.0, November 30, 2015
- [4] Certification Report, “WAPPLES v4.0 Certification Report(KECS-NISS-0426-2012)”, November 2012