KECS-NISS-0136-2008

AhnLab Suhoshin Absolute v3.0

AhnLab

Certificate Effectiveness Maintenance Report

Certification No : KECS-NISS-0136-2008

November 2009

IT Security Certification Center

1. TOE

AhnLab Suhoshin Absolute v3.0

2. Date of Application

14 September 2009

3. Date of Activity

27 November 2009

4. Overview

The IT environment of the TOE is changed. First, the modules of OpenSSL and OpenSSH which is the operational environment of the TOE is updated newly. Second, some menu positions is changed and some functional errors is modified. Third, the SSH tunneling vulnerability which is notified by the certification body is removed. The change to the certified product has no effect on assurance.

Therefore, the assurance as outlined in the Certification Report KECS-NISS-0136-2008 is maintained for this version of the product.

This report is an addendum to Certification Report KECS-NISS-0136-2008.

5. Changes to TOE

The modules of OpenSSL and OpenSSH which is the operational environment of the TOE is updated as below.

	Before	**After**
OpenSSL	0.9.8j	0.9.8k
OpenSSH	5.1.p1	5.3.p1

But the security relevant implementations (source code) for the TOE are not changed. Also, some menu positions are changed as following table.

Before	After
Firewall->System Isolation	Network Intrusion Protection -> System Isolation
Firewall->Internet Access Control	Network Connection Control -> Internet Access Control

The SSH tunneling vulnerability which is notified by the certification body is removed.

6. Assessment

The vendor for Suhoshin Absolute v3 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 some menu positions and module update of OpenSSL and OpenSSH. The vulnerability related SSH is also removed. The TOE is correctly operated and meets all the SFRs in its security target [3].

7. Conclusion

The change to the TOE is that some menu positions is changed and modules update of OpenSSL and OpenSSH. There were editorially updated in some evidences. Examination of the evidence indicates that the change performed is limited to the following documents.

- AhnLab Suhoshin Absolute v3.0 Security Target Version 001 Revision 9
- AhnLab Suhoshin Absolute v3.0 Functional Specification Version 001 Revision 8

- AhnLab Suhoshin Absolute v3.0 TOE Design Version 001 Revision 7
- AhnLab Suhoshin Absolute v3.0 Implementation Representation Version 001 Revision 5
- AhnLab Suhoshin Absolute v3.0 User Manual Version 001 Revision 1
- AhnLab Suhoshin Absolute v3.0 Test Document Version 001 Revision 7
- AhnLab Suhoshin Absolute v3.0 Life Cycle Support Version 001 Revision 8

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 CCIMB-2004-02-2009 “Assurance Continuity: CCRA Requirements”, version 1.0, February 2004

[2] Security Impact Analysis Report, “AhnLab Suhoshin Absolute v3.0 Security Impact Analysis Report”, version 001 Revision 2, September 2009

[3] Security Target of AhnLab Suhoshin Absolute v3.0, version 001 Revision 6, December 2008

[4] Certification Report, “AhnLab Suhoshin Absolute v1.0 CR(KECS-NISS-0136-2008)”, December 2008