



Swedish Certification Body for IT Security

Certification Report - PP-Configuration ND/FW

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Authorisation: Jerry Johansson, Lead Certifier , CSEC

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1 Executive Summary

The PP-Configuration for Network Device and Stateful Traffic Filter Firewalls v1.4E, combines the requirements of the collaborative Protection Profile for Network Devices v2.2E, and the PP-Module for Stateful Traffic Filter Firewalls v1.4E.

Thus, the PP-Configuration combines the security requirements for a generic network device with the security requirements for a Stateful Traffic Filter Firewall.

The PP-Configuration is used in the same way as a PP and is recognised as a PP within the CCRA.

The PP-Configuration for Network Device and Stateful Traffic Filter Firewalls v1.4E requires exact conformance.

The PP-Configuration evaluation has been performed by atsec information security AB and was completed on the 28th of October 2020, and was performed concurrently with, and as a separate part of the product evaluation of the firewall F5 BIG-IP 15.1.2.1 including LTM and AFM, which claims conformance to the PP-Configuration.

The evaluation was conducted in accordance with the requirements of Common Criteria, version 3.1, release 5, and the Common Methodology for IT Security Evaluation, version 3.1, release 5, and CC and CEM Addenda - Exact Conformance, Selection-Based SFRs, Optional SFRs, CCDB, May 2017.

The evaluation was performed according to the requirements in assurance class ACE and the assurance components APE_INT.1, APE_SPD.1, APE_OBJ.2, APE_ECD.1, and APE_REQ.2.

atsec information security AB is a licensed evaluation facility for Common Criteria under the Swedish Common Criteria Evaluation and Certification Scheme. atsec information security AB is also accredited by the Swedish accreditation body SWEDAC according to ISO/IEC 17025 for Common Criteria evaluation.

The certifier monitored the activities of the evaluator by reviewing all work units in the evaluation report. The certifier determined that the evaluation results have been reached in agreement with the requirements of the Common Criteria and the Common Methodology.

The certification results only apply to the version of the PP-Configuration indicated in the certificate.

This certificate is not an endorsement of the PP-Configuration by CSEC or any other organisation that recognises or gives effect to this certificate, and no warranty of the PP-Configuration by CSEC or any other organisation that recognises or gives effect to this certificate is either expressed or implied.

2 Identification

Certification Identification	
Certification ID	CSEC2020017
Name and version of the certified PP-Configuration	PP-Configuration for Network Device and Stateful Traffic Filter Firewalls v1.4E
PP-Module Identification	PP-Module for Stateful Traffic Filter Firewalls v1.4E
Base PP Identification	Collaborative Protection Profile for Network Devices v2.2E
Sponsor	F5 Networks Inc.
Developer	Network Device iTC
ITSEF	atsec information security AB
Common Criteria version	3.1 release 5
CEM version	3.1 release 5
QMS version	1.24.1
Scheme Notes Release	17.0
Recognition Scope	CCRA
Certification date	2021-Feb-05

3 Results of the Evaluation

The evaluators applied each work unit of the Common Methodology [CEM] within the scope of the evaluation, and concluded that the evaluated PP-Configuration meets the requirements in the assurance class ACE and the assurance components APE_INT.1, APE_SPD.1, APE_OBJ.2, APE_ECD.1, and APE_REQ.2.

The certifier reviewed the work of the evaluators and determined that the evaluation was conducted in accordance with the Common Criteria [CC].

The evaluators' overall verdict is PASS.

The verdicts for the assurance classes and components are summarised in the following table:

<i>Assurance Class/Component</i>	<i>Short name</i>	<i>Verdict</i>
Protection Profile Configuration Evaluation	ACE	PASS
PP-Module Introduction	ACE_INT.1	PASS
PP-Module Conformance Claims	ACE_CCL.1	PASS
PP-Module Security Problem Definition	ACE_SPD.1	PASS
PP-Module Security Objectives	ACE_OBJ.1	PASS
PP-Module Extended Components Definition	ACE_ECD.1	PASS
PP-Module Security Requirements	ACE_REQ.1	PASS
PP-Module Consistency	ACE_MCO.1	PASS
PP-Configuration Consistency	ACE_CCO.1	PASS
Protection Profile Evaluation (selected parts)	APE	PASS
PP Introduction	APE_INT.1	PASS
Security Problem Definition	APE_SPD.1	PASS
Security Objectives	APE_OBJ.2	PASS
Extended Components Definition	APE_ECD.1	PASS
Security Requirements	APE_REQ.2	PASS

4 Evaluator Comments and Recommendations

None.

5 Certifier Comments and Recommendations

During the evaluation of PP-Configuration for Network Device and Stateful Traffic Filter Firewalls, the following interpretations were considered:

TD0538	NIT Technical Decision for Outdated Link to Allowed-List
TD0551	NIT Technical Decision for Incomplete Mappings of OEs in FW Module v1.4+Errata

Please note that when using the PP-Configuration in a product evaluation, these and other interpretations may apply.

6 Glossary

CCRA	Common Criteria Recognition Arrangement
CC	Common Criteria - CC Part 1-3 refers to the Common Criteria Documentation
CEM	Common Methodology for Information Technology Security Evaluation
PP	Protection Profile
cPP	Collaborative Protection Profile
PP-Configuration	Protection Profile composed of Base Protection Profiles and Protection Profile Module
PP-Module	Implementation-independent statement of security needs for a TOE type complementary to one or more Base Protection Profiles
Base PP	Protection Profile used as a basis to build a Protection Profile Configuration
TOE	Target of Evaluation

7 Bibliography

PP-CFG	PP-Configuration for Network Device and Stateful Traffic Filter Firewalls, 2020-06-25, document version 1.4E
PP-MOD	PP-Module for Stateful Traffic Filter Firewalls, 2020-06-25, document version 1.4E.
EA MOD	Evaluation Activities for Stateful Traffic Filter Firewalls PP-Module, June 2020, document version 1.4E
NDcPP	Collaborative Protection Profile for Network Devices, 2020-03-23, document version 2.2E
EA PP	Evaluation Activities for Network Device cPP, December 2019, Document version 2.2
CCpart1	Common Criteria for Information Technology Security Evaluation, Part 1, version 3.1 revision 5, CCMB-2017-04-001
CCpart2	Common Criteria for Information Technology Security Evaluation, Part 2, version 3.1 revision 5, CCMB-2017-04-002
CCpart3	Common Criteria for Information Technology Security Evaluation, Part 3, version 3.1 revision 5, CCMB-2017-04-003
CC	CCpart1 + CCpart2 + CCpart3
CEM	Common Methodology for Information Technology Security Evaluation, version 3.1 revision 5, CCMB-2017-04-004
CCADD	CC and CEM Addenda - Exact Conformance, Selection-Based SFRs, Optional SFRs, CCDB, May 2017
SP-002	SP-002 Evaluation and Certification, CSEC, 2020-11-30, document version 32.0

Appendix A - QMS Consistency

During the certification project, the following versions of the quality management system (QMS) have been applicable since the certification application was received 2020-06-23:

QMS 1.23.2 valid from 2020-05-11

QMS 1.24 valid from 2020-11-19

QMS 1.24.1 valid from 2020-12-03

In order to ensure consistency in the outcome of the certification, the certifier has examined the changes introduced in each update of the quality management system.

The changes between consecutive versions are outlined in “Ändringslista CSEC QMS 1.24.1”.

The certifier concluded that, from QMS 1.23.2 to the current QMS 1.24.1, there are no changes with impact on the result of the certification.

No applicable Scheme Notes were identified.