

PP-Configuration for Network Device and Stateful Traffic Filter Firewalls

Version 1.4 +Errata20200625

25 June 2020

Acknowledgements

This PP-Configuration was developed by the Network Device international Technical Community with representatives from industry, Government agencies, Common Criteria Test Laboratories, and members of academia.

0. Preface

1.1 Related Documents

Common Criteria¹

- [CC1] Common Criteria for Information Technology Security Evaluation, Part 1: Introduction and General Model, CCMB-2017-04-001, Version 3.1 Revision 5, April 2017.
- [CC2] Common Criteria for Information Technology Security Evaluation, Part 2: Security Functional Components, CCMB-2017-04-002, Version 3.1 Revision 5, April 2017.
- [CC3] Common Criteria for Information Technology Security Evaluation, Part 3: Security Assurance Components, CCMB-2017-04-003, Version 3.1 Revision 5, April 2017.
- [Exact Conformance Addendum] CC and CEM addenda, Exact Conformance, Selection-Based SFRs, Optional SFRs, May 2017, Version 0.5

Other Documents

- [MOD-FW] PP-Module for Stateful Traffic Filter Firewalls, Version 1.4 +Errata 20200625, 25 June 2020
- [PP_ND] collaborative Protection Profile for Network Devices, Version 2.2e, 27 March 2020
- [SD-FW] Evaluation Activities for Stateful Traffic Filter Firewalls PP-Configuration, Version 1.4 +Errata 20200625, 25 June 2020
- [SD-ND] Evaluation Activities for Network Device cPP, Version 2.2, 20 December 2019

1.2 Revision History

Version	Date	Description
1.4e	25.06.2020	Errata version
1.4	06.04.2020	Release version
1.3	27.09.2019	Release version
1.2	19.07.2019	Updated version
1.1	05.04.2019	Minor update
1.0	08.02.2019	Initial Draft

¹ For details see <http://www.commoncriteriaportal.org/>

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2. Introduction

The scope of this PP-Configuration is to describe the security functionality of a network device, which is in compliance with the Base-PP (NDcPP) [PP-ND] that also implements stateful traffic firewall functionality in accordance with the PP-Module for Stateful Traffic Filter Firewalls [MOD-FW].

2.1 PP-Configuration Reference

This PP-Configuration is identified as follows:

PP-Configuration Reference: PP-Module for Network Device and Stateful Traffic Filter Firewalls

PP-Configuration Version: 1.4 +Errata 20200625

PP-Configuration Date: 25 June 2020

PP-Configuration shorthand reference: CFG_NDcPP-FW_v1.4e

2.2 PP-Configuration Components statement

This PP-Configuration consists of the following components:

Base PP: collaborative Protection Profile for Network Devices, Version 2.2e, 27 March 2020 [PP-ND]

PP-Modules: PP-Module for Stateful Traffic Filter Firewalls, Version 1.4 +Errata 20200625, 25 June 2020 [MOD-FW]

3. Conformance Claims

3.1 CC Conformance - Conformance Statement and Conformance Claims

As defined by the references [CC1], [CC2] and [CC3], this PP-Configuration:

- conforms to the requirements of Common Criteria v3.1, Release 5
- is Part 2 extended, Part 3 conformant
- does not claim conformance to any PP, PP-Module or PP-configuration.

In order to be conformant to this PP-Configuration, an ST must demonstrate Exact Conformance as inherited from the specified Base-PP and as defined in [Exact Conformance Addendum]. This means that all of the SFRs in [PP-ND] section 6 and section 6 of the PP-Module [MOD-FW] must be included in an ST that claims conformance to this PP-Configuration. In addition, SFRs from [PP-ND], Appendix A or Appendix A of the PP-Module may be included (these are optional SFRs), and SFRs from Appendix B of the Base-PP must be included according to the selections made, as described in [PP-ND], Appendix B.

No PP-Modules are allowed to specify this PP-Configuration as a Base-PP.

3.2 SAR Statement

The Security Assurance Requirements applicable to this PP-Configuration are inherited from the Base-PP, i.e. [PP-ND], section 7.

Assurance Class	Assurance Components
Security Target (ASE)	Conformance claims (ASE_CCL.1)
	Extended components definition (ASE_ECD.1)
	ST introduction (ASE_INT.1)
	Security objectives for the operational environment (ASE_OBJ.1)
	Stated security requirements (ASE_REQ.1)
	Security Problem Definition (ASE_SPD.1)
	TOE summary specification (ASE_TSS.1)
Development (ADV)	Basic functional specification (ADV_FSP.1)
Guidance documents (AGD)	Operational user guidance (AGD_OPE.1)
	Preparative procedures (AGD_PRE.1)
Life cycle support (ALC)	Labelling of the TOE (ALC_CMC.1)
	TOE CM coverage (ALC_CMS.1)
Tests (ATE)	Independent testing – conformance (ATE_IND.1)
Vulnerability assessment (AVA)	Vulnerability survey (AVA_VAN.1)

The Supporting Documents provided for the Base-PP [SD-ND] and PP-Module [SD-FW] provide specific information with respect to the evaluation of the SARs listed in the table above.