

# PP-Configuration for Network Devices and MACsec Ethernet Encryption



Version: 1.0  
2023-03-29

**National Information Assurance Partnership**

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# 1 Introduction

## 1.1 Overview

This PP-Configuration is for a network device that provides MACsec Ethernet encryption functionality.

## 1.2 PP-Configuration Reference

This PP-Configuration is identified as follows:

- PP-Configuration for Network Devices and MACsec Ethernet Encryption, 2023-03-29
- As a shorthand reference, it can be identified as "CFG\_NDcPP-MACsec\_V1.0"

## 1.3 PP-Configuration Components Statement

This PP-Configuration includes the following components:

- Base-PP: collaborative Protection Profile for Network Devices, Version 2.2e (CPP\_ND\_V2.2E)
- PP-Module: PP-Module for MACsec Ethernet Encryption, Version 1.0 (MOD\_MACsec\_V1.0)

## 2 Conformance Claims

### 2.1 CC Conformance

#### Conformance Statement

To be conformant to this PP-Configuration, an ST must demonstrate Exact Conformance, as defined by the CC and CEM addenda for Exact Conformance, Selection-Based SFRs, and Optional SFRs (dated May 2017).

#### CC Conformance Claims

This PP-Configuration, and its components specified in section 1.3, are conformant to Parts 2 (extended) and 3 (conformant) of Common Criteria Version 3.1, Release 5 [CC].

### 2.2 SAR Statement

To evaluate a TOE that claims conformance to this PP-Configuration, the evaluator shall evaluate the TOE against the following SARs that the Base-PP defines:

Assurance Class	Assurance Components
<b>Security Target (ASE)</b>	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)
<b>Development (ADV)</b>	Basic Functional Specification (ADV_FSP.1)
<b>Guidance Documents (AGD)</b>	Operational User Guidance (AGD_OPE.1)
	Preparative Procedures (AGD_PRE.1)
<b>Life Cycle Support (ALC)</b>	Labeling of the TOE (ALC_CMC.1)
	TOE CM Coverage (ALC_CMS.1)
<b>Tests (ATE)</b>	Independent Testing – Conformance (ATE_IND.1)
<b>Vulnerability Assessment (AVA)</b>	Vulnerability Survey (AVA_VAN.1)

The Supporting Documents included with the Base-PP and PP-Module contain specific information with respect to the evaluation of the SARs listed in the table above.