PP-Configuration for Application Software, File Encryption, and File Encryption Enterprise Management

Version: 1.0

2019-07-30

National Information Assurance Partnership

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1　Introduction

1.1　Overview

This PP-Configuration is for the following:

- one or more instances of a software application that is responsible for software-based file encryption on its host computer; and
- an Enterprise Management software application that is capable of communicating securely with the individual file encryption instances for the purposes of maintaining confidentiality of encrypted data while ensuring that authorized users do not lose access to it (e.g. through support of a 'recovery credential' that can be used to decrypt protected data in the event of a forgotten password).

1.2　PP-Configuration Reference

This PP-Configuration is identified as follows:

- PP-Configuration for Application Software, File Encryption, and File Encryption Enterprise Management, 30 July 2019
- As a shorthand reference, it can be identified as "CFG_APP-FE-FEEM_V1.0"

1.3　PP-Configuration Components Statement

This PP-Configuration includes the following components:

- Base-PP: Protection Profile for Application Software, Version 1.3 (PP_APP_V1.3)
- PP-Module: PP-Module for File Encryption, Version 1.0 (MOD_FE_V1.0)
- PP-Module: PP-Module for File Encryption Enterprise Management, Version 1.0 (MOD_FEEM_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 (extended) of Common Criteria Version 3.1, Release 5 [CC].

2.2   SAR Statement

In order 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
Security Target (ASE)	Conformance Claims (ASE_CCL.1)
	Extended Components Definition (ASE_ECD.1)
	ST Introduction (ASE_INT.1)
	Security Objectives (ASE_OBJ.2)
	Derived Security Requirements (ASE_REQ.2)
	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)	Labeling of the TOE (ALC_CMC.1)
	TOE CM Coverage (ALC_CMS.1)
	Timely Security Update (ALC_TSU_EXT.1)
Tests (ATE)	Independent Testing - Conformance (ATE_IND.1)
Vulnerability Assessment (AVA)	Vulnerability Survey (AVA_VAN.1)

Supporting Documents included with the PP-Modules contain specific information with respect to the evaluation of the SARs listed in the table above. Similarly, the Base-PP contains "Evaluation Activities" in the PP itself that contain the same sort of information on how to evaluate the SARs.