

STN	Profily ochrany kryptografických modulov pre poskytovateľov dôveryhodných služieb. Časť 4: Kryptografický modul pre poskytovateľov certifikačných služieb na podpisovanie bez zálohy.	STN P CEN/TS 419221-4 97 6011
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Protection Profiles for TSP cryptographic modules - Part 4: Cryptographic module for CSP signing operations without backup

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/16

Táto predbežná STN je určená na overenie. Pripomienky zasielajte ÚNMS SR najneskôr do 31. 7. 2018.

Obsahuje: CEN/TS 419221-4:2016

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Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, 2016
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

English Version

Protection Profiles for TSP cryptographic modules - Part 4: Cryptographic module for CSP signing operations without backup

Exigences de sécurité concernant les systèmes fiables
gérant des certificats de signatures électroniques -
Partie 4 : Module cryptographique pour les opérations
de signature électronique des fournisseurs de services
de certification - Profil de protection - CMCSO PP

Schutzprofile für kryptographische Module von
vertrauenswürdigen Diensteanbietern - Teil 4:
Schutzprofil für CSP Signieroperationen ohne
Sicherung

This Technical Specification (CEN/TS) was approved by CEN on 8 May 2016 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Contents	Page
European foreword.....	4
Introduction	5
1 Scope	6
2 Normative references	6
3 Terms and definitions	6
4 PP Introduction.....	6
4.1 General.....	6
4.2 PP Reference.....	6
4.3 Protection Profile Overview.....	7
4.4 TOE Overview	8
4.4.1 TOE type	8
4.4.2 TOE Roles	9
4.4.3 Usage and major security features of the TOE.....	9
4.4.4 Available non-TOE hardware/software/firmware.....	11
5 Conformance Claim	11
5.1 CC Conformance Claim	11
5.2 PP Claim.....	11
5.3 Conformance Rationale.....	11
5.4 Conformance Statement	11
6 Security Problem Definition.....	12
6.1 Assets.....	12
6.1.1 General.....	12
6.1.2 TOE services.....	12
6.1.3 TOE Data.....	12
6.2 Threats.....	13
6.2.1 General.....	13
6.2.2 Threat agents.....	13
6.2.3 Threats description	14
6.3 Organizational Security Policies.....	17
6.4 Assumptions.....	17
7 Security Objectives	18
7.1 General.....	18
7.2 Security Objectives for the TOE.....	18
7.3 Security Objectives for the Operational Environment	20
8 Extended Components Definitions	21
8.1 Extended Component Definitions — Family FCS_RND.....	21
9 Security Requirements.....	22
9.1 General.....	22
9.2 Subjects, objects, security attributes and operations	22
9.2.1 General.....	22
9.2.2 Subjects.....	22
9.2.3 TOE Objects and security attributes.....	23
9.2.4 TOE Operations.....	23

9.3	Security Functional Requirements	24
9.3.1	General	24
9.3.2	Security audit (FAU)	24
9.3.3	Cryptographic support (FCS)	25
9.3.4	User data protection (FDP)	27
9.3.5	Identification and authentication (FIA)	29
9.3.6	Security management (FMT)	30
9.3.7	Privacy (FPR) — Unobservability (FPR_UNO.1)	32
9.3.8	Protection of the TOE Security Functions (FPT)	32
9.3.9	Trusted path (FTP) — Trusted path (FTP_TRP.1)	35
9.4	Security Assurance Requirements	35
9.5	Security Requirements Rationale	36
9.5.1	Security Problem Definition coverage by Security Objectives	36
9.5.2	Security Objectives coverage by SFRs	41
9.5.3	SFR Dependencies	45
9.5.4	Rationale for SARs	46
9.5.5	AVA_VAN.5 Advanced methodical vulnerability analysis	46
	Bibliography	47

European foreword

This document (CEN/TS 419221-4:2016) has been prepared by Technical Committee CEN/TC 224 “Personal identification and related personal devices with secure element, systems, operations and privacy in a multi sectorial environment”, the secretariat of which is held by AFNOR.

This document supersedes CWA 14167-4:2004.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

CEN/TS 419221, *Protection Profiles for TSP cryptographic modules*, is currently composed with the following parts:

- *Part 1: Overview;*
- *Part 2: Cryptographic module for CSP signing operations with backup;*
- *Part 3: Cryptographic module for CSP key generation services;*
- *Part 4: Cryptographic module for CSP signing operations without backup.*

According to the CEN/CENELEC Internal Regulations, the national standards organisations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This 'Cryptographic Module for CSP Signing Operations - Protection Profile' (CMCSO-PP) is issued by the European Committee for Standardization.

The document is for use by the European Commission in accordance with the procedure laid down in Article 9 of Directive 1999/93/EC of the European Parliament and of the Council of 13 December 1999 on a Community framework for electronic signatures [1] as generally recognized standard for electronic-signature products in the Official Journal of the European Communities.

The document has been prepared as a Protection Profile (PP) following the rules and formats of the Common Criteria version 3.1r3 [CC1] [CC2] [CC3].

The set of algorithms for secure signature-creation devices and parameters for algorithms for secure signature-creation devices is given in a separate document, ETSI/TS 102 176.

This document has been originally prepared as a single Protection Profile and approved as CWA 14167-2:2002. Afterwards, while reviewing this Protection Profile for the evaluation, in order to make it conformant to the Common Criteria 2.1, two Protection Profiles have been created for the same TOE, one including the mandatory function of key backup and the other excluding this function:

- Cryptographic Module for CSP Signing Operations with Backup - Protection Profile (CMCSOB-PP), version 0,28; CWA 14167-2:2004;
- Cryptographic Module for CSP Signing Operations - Protection Profile (CMCSO-PP), version 0.28; CWA 14167-4:2004.

Correspondence and comments to this Cryptographic Module for CSP Signing Operations - Protection Profile (CMCSO-PP) should be referred to:

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1 Scope

This Technical Specification specifies a protection profile for cryptographic modules used by certification service providers (as specified in Directive 1999/93) for signing operations, without key backup. Target applications include root certification authorities (certification authorities which issue certificates to other CAs and is at the top of a CA hierarchy) and other certification service providers where there is a high risk of direct physical attacks against the module.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

CEN/TS 419221-1:2016, Protection Profiles for TSP cryptographic modules — Part 1: Overview

ETSI/TS 101 456, *Electronic Signature and Infrastructure (ESI); Policy requirements for certification authorities issuing qualified certificates*

ETSI/TS 102 176, *Electronic Signatures and Infrastructures (ESI); Algorithms and Parameters for Secure Electronic Signatures*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN