



Swedish Certification Body for IT Security

Maintenance Report PrimeKey EJBICA 7.4.2

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Swedish Certification Body for IT Security
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1 Introduction

On 2023-Nov-15, a Maintenance Impact Analysis Report was submitted to CSEC, as part of a request from PrimeKey Solutions AB to extend the validity of the Common Criteria certificate previously awarded to:

PrimeKey EJBCA Enterprise v7.4.2

The process to achieve this under mutual recognition is described for CCRA in “Assurance Continuity: CCRA Requirements” [AC-C], and for SOGIS in "Joint Interpretation Library Assurance Continuity" [AC-S].

In accordance with [AC-C] and [AC-S], the Maintenance Impact Analysis Report describes all changes done to the TOE and/or its IT environment, all resulting changes done to the evaluation evidence, and the security impact of the changes.

The process of extending the validity of a certificate to an updated product is referred to below as “certificate maintenance”.

The certification body, CSEC, reviewed the received documentation in accordance with its procedures.

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Certified TOE	
Certification ID	CSEC2019005
Name and version of the certified IT product	PrimeKey EJBCA Enterprise v7.4.1.1
Security Target Identification	Security Target for EJBCA v7.4.1, PrimeKey Solutions AB, 2021-09-24, document version 1.5
Assurance package	CCRA: PP Compliant SOGIS: EAL 1 + ASE_SPD.1
Sponsor	PrimeKey Solutions AB
Developer	PrimeKey Solutions AB
ITSEF	Combitech AB
Certification date	2021-04-16

Maintained TOE	
Certification ID	CSEC2023015
Name and version of the certified IT product	PrimeKey EJBCA Enterprise v7.4.2
Security Target Identification	Security Target for EJBCA v7.4.2, PrimeKey Solutions AB, 2023-11-01, document version 1.7
Sponsor & developer	PrimeKey Solutions AB, (owned by Keyfactor Inc.)
ITSEF	Combitech AB
Maintenance date	2024-01-24

2 Description of Changes

New Features:

ECA-9360 - Omit "unspecified" revocation reason in OCSP responses

Improvements:

ECA-9328 - Improve JackNJI11ProviderTest

ECA-9341 - Permit inclusion of additional subject DN fields when using ACME

Bug Fixes:

ECA-9165 - Certbot 1.4.0-1.6.0 fails to enroll over RA peer

ECA-9285 - Warn about incorrect peer role configuration that breaks RA nodes

ECA-9301 - EJBCA freezes at startup if cyclic cross-signed root certificates are used in OCSP chain

ECA-9342 - SCP Publisher doesn't close all connections

ECA-9344 - DB import fails when number of objects are high

ECA-9357 - Count of successful publishing operations not correct in PublisherQueueSessionBean

2.1 Affected Evaluation Evidence

The affected evaluation evidence is:

the ST - new version identifier,

the TOE itself - new version,

the CI list,

the test documentation - applies to the previous version.

The evaluator has verified that the updated TOE is marked with the new version identifier, and the developer has provided evidence of regression testing.

2.2 Conclusion

The changes to the TOE between v7.4.1.1 and v7.4.2 are considered minor.

It is concluded that the assurance gained during the original evaluation also applies to the maintained version EJBCA 7.4.2.

3 References

MIAR	Impact Analysis Report - EJBCA 7.4.2, Combitech AB, document version 2.2 23FMV5699-15
STmaint	Security Target for EJBCA v7.4.2, PrimeKey AB, 2023-09-24, document version 1.7, 23FMV5699-2
STcert	Security Target for EJBCA v7.4.1, PrimeKey AB, 2021-09-24, document version 1.5, 19FMV3147-50
PP	Protection Profile for Certification Authorities, NIAP, 2017-12-01, document version 2.1
CRcert	Certification Report - PrimeKey EJBCA Enterprise v7.4.1.1, CSEC, 2021-Oct-01, 19FMV3147-53:1
AC-C	Assurance Continuity: CCRA Requirements, CCMC, 2023-March-09, document version 3.0 Final, unique identifier 014
AC-S	Joint Interpretation Library Assurance Continuity, SOGIS MC, June 2023, document Version 1.1