



**POINTSHARP**

# **Certificate specifications**

**Pointsharp Secure Cloud Net iD**

Classification:	Public
Publication No.:	PSC-Rd21-02
Document version:	1.5
Document status:	Final
Date:	05 Apr 2022



# Table of Contents

<b>1</b>	<b>Introduction.....</b>	<b>5</b>
<b>2</b>	<b>Attribute descriptions.....</b>	<b>6</b>
<b>3</b>	<b>Content relationship between certificate and HSA .....</b>	<b>7</b>
<b>4</b>	<b>eID - certificate specifications .....</b>	<b>8</b>
4.1	eID Root CA certificate .....	8
4.2	eID Issuing CAs .....	11
4.3	eID Subscriber certificates - Individuals .....	15
4.4	eID CRL Profile .....	24
4.4.1	Version number(s) .....	24
4.4.2	CRL and CRL entry extensions .....	24
4.5	eID OCSP Responder certificates .....	27
4.5.1	Version number(s) .....	27
4.5.2	OCSP extensions .....	27
4.6	eID Root CA ARL Profile .....	31
4.6.1	Version number(s) .....	31
4.6.2	CRL and CRL entry extensions .....	31
4.7	eID Root CA OCSP Responder certificates.....	33
4.7.1	Version number(s) .....	33
4.7.2	OCSP extensions .....	33



# 1 Introduction

This section intentionally left blank.

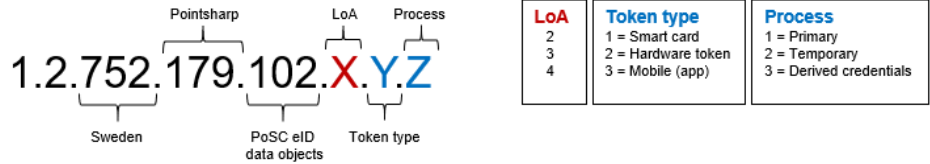
## 2 Attribute descriptions

This section intentionally left blank.

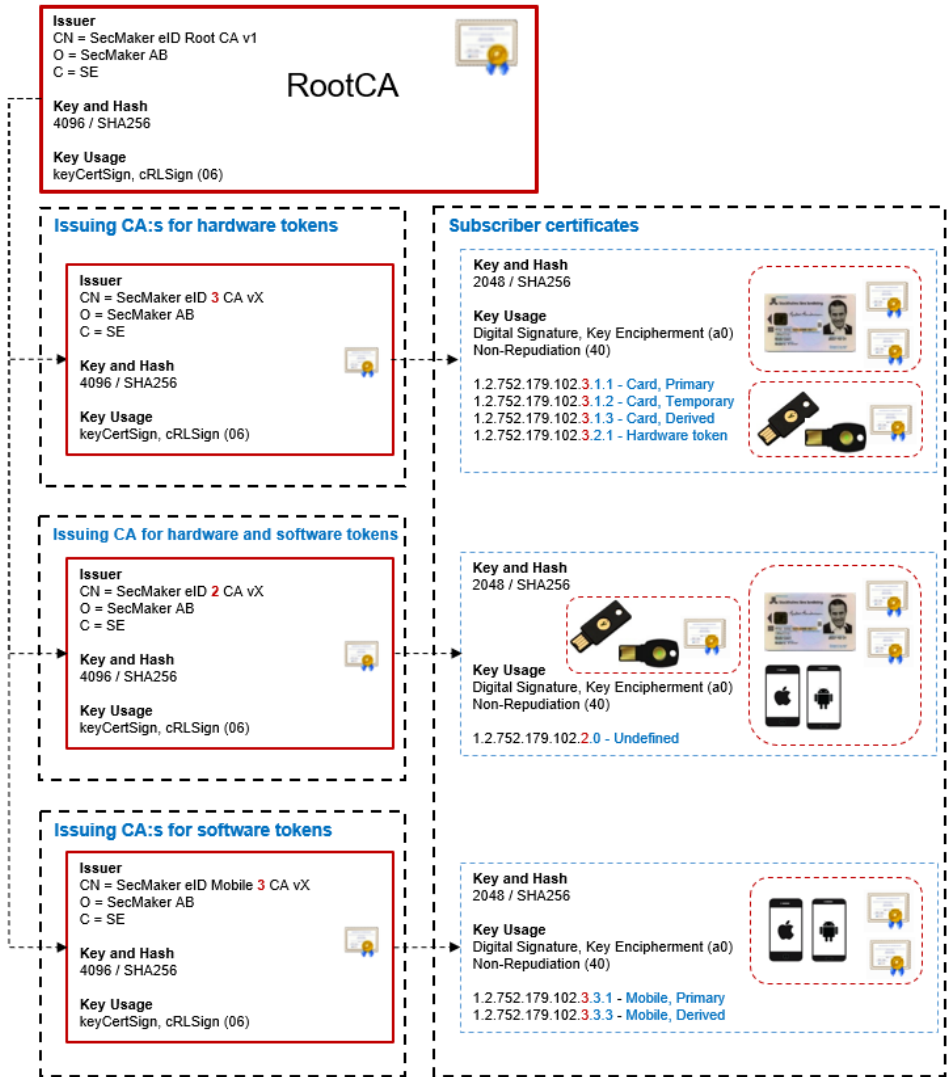
### 3 Content relationship between certificate and HSA

This section intentionally left blank.

# 4 eID - certificate specifications



## 1 eID CA OIDs



## 2 eID CA hierarchy

### 4.1 eID Root CA certificate



**eID - certificate specifications**

**1 SecMaker eID Root CA v1**

<b>Attribute (OID)</b>	<b>Value</b>	<b>Critical/Non-critical</b>	<b>Data type</b>	<b>Comment</b>
Version	3	n/a	Integer	
serialNumber	Randomized	n/a	Integer	
signatureAlgorithm	sha-256WithRSAEncryption (1.2.840.113549.1.1.11)	n/a	n/a (null)	
<b>Issuer</b>		n/a	n/a	
commonName (2.5.4.3)	SecMaker eID Root CA v1		UTF8String	
organizationName (2.5.4.10)	SecMaker AB		UTF8String	
countryName (2.5.4.6)	SE		PrintableString	
<b>Validity</b>	25 years	n/a	n/a	
notBefore	<Root CA certificate issuing date>		UTCTime	
notAfter	<notBefore + 25 years>		UTCTime	
<b>Subject</b>		n/a		
commonName (2.5.4.3)	SecMaker eID Root CA v1		UTF8String	
organizationName (2.5.4.10)	SecMaker AB		UTF8String	

## eID - certificate specifications

Attribute (OID)	Value	Critical/Non-critical	Data type	Comment
countryName (2.5.4.6)	SE		PrintableString	
<b>subjectPublicKeyInfo</b>		n/a	n/a	
algorithm	rsaEncryption {1.2.840.113549.1.1.1}		n/a (null)	
subjectPublicKey	Public key, RSA 4096 bits		BIT STRING	
<b>subjectKeyIdentifier (2.5.29.14)</b>		NC	n/a	
keyIdentifier	Hash of part of the Root CA's public key		OCTET STRING	
keyUsage (2.5.29.15)	keyCertSign, cRLSign (06)	C	OCTET STRING	
basicConstraints (2.5.29.19)	Subject Type=CA Path Length Constraint=1	C	OCTET STRING, Boolean, integer	
Signature	RSA signature with SHA-256	n/a	BIT STRING	

## **eID - certificate specifications**

### **4.2 eID Issuing CAs**

eID - certificate specifications

2 SecMaker eID 3 CA vX / SecMaker eID Mobile 3 CA vX / SecMaker eID 2 CA vX

Attribute (OID)	Value	Critical/Non-critical	Data type	Comment
Version	3	n/a	Integer	
serialNumber	Randomized	n/a	Integer	
signatureAlgorithm	sha-256WithRSAEncryption (1.2.840.113549.1.1.11)	n/a	n/a (null)	
<b>Issuer</b>		n/a	n/a	
commonName (2.5.4.3)	SecMaker eID Root CA v1		UTF8String	
organizationName (2.5.4.10)	SecMaker AB		UTF8String	
countryName (2.5.4.6)	SE		PrintableString	
<b>Validity</b>	12 years	n/a	n/a	
notBefore	<CA certificate issuing date>		UTCTime	
notAfter	<notBefore + 12 years>		UTCTime	
<b>Subject</b>		n/a		
commonName (2.5.4.3)	Depending on the Issuing CA. Must be one of the following: <ul style="list-style-type: none"> <li>• SecMaker eID 3 CA vX</li> <li>• SecMaker eID Mobile 3 CA vX</li> <li>• SecMaker eID 2 CA vX</li> </ul>		UTF8String	'X' in the CA names represents a digit for the CA version.

**eID - certificate specifications**

Attribute (OID)	Value	Critical/Non-critical	Data type	Comment
organizationName (2.5.4.10)	SecMaker AB		UTF8String	
countryName (2.5.4.6)	SE		PrintableString	
<b>subjectPublicKeyInfo</b>		n/a	n/a	
algorithm	rsaEncryption {1.2.840.113549.1.1.1}		n/a (null)	
subjectPublicKey	Public key, RSA 4096 bits		BIT STRING	
cRLDistributionPoints (2.5.29.31)	[1] CRL Distribution Point Distribution Point Name: Full Name: URL=http://crl.secmakerliveid.com/secmakereidrootcav1.crl	NC	OCTET STRING	
authorityInformationAccess (1.3.6.1.5.5.7.1.1)	[1] Authority Info Access Access Method=On-line Certificate Status Protocol (1.3.6.1.5.5.7.48.1) Alternative Name: URL=http://ocsp.secmakerliveid.com [2] Authority Info Access Access Method=Certification Authority Issuer (1.3.6.1.5.5.7.48.2) Alternative Name: URL=http://aia.secmakerliveid.com/secmakereidrootcav1.cer	NC	OCTET STRING	
certificatePolicies (2.5.29.32)	[1]Certificate Policy: Policy Identifier=1.2.752.179.100.2.2 [1,1]Policy Qualifier Info: Policy Qualifier Id=CPS Qualifier: https://repository.secmakerliveid.com	NC	OCTET STRING CPS Qualifier=IA5 string	
<b>subjectKeyIdentifier (2.5.29.14)</b>		NC	n/a	

**eID - certificate specifications**

Attribute (OID)	Value	Critical/Non-critical	Data type	Comment
keyIdentifier	Hash of part of the Issuing CA's public key		OCTET STRING	
<b>authorityKeyIdentifier</b>		NC	n/a	
keyIdentifier	Contains the subjectKeyIdentifier of 'SecMaker eID Root CA v1'. Hash of part of the Root CA's public key.		OCTET STRING	
keyUsage (2.5.29.15)	keyCertSign, cRLSign (06)	C	OCTET STRING	
basicConstraints (2.5.29.19)	Subject Type=CA Path Length Constraint=0	C	OCTET STRING, Boolean, integer	
Signature	RSA signature with SHA-256	n/a	BIT STRING	

## **eID - certificate specifications**

### **4.3 eID Subscriber certificates - Individuals**

\* Not included for individuals that have no given name.

**eID - certificate specifications**

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
Version	1	3		CA	M	n/a	Integer	
serialNumber	64	Randomized	7899f9a6128e29824c8bccf757f06f16	CA	M	n/a	Integer	
signatureAlgorithm		sha-256WithRSAEncryption (1.2.840.113549.1.1.11)		CA	M	n/a	n/a (null)	
<b>Issuer</b>						n/a		
commonName (2.5.4.3)		Depending on the Issuing CA. Must be one of the following: <ul style="list-style-type: none"> <li>• SecMaker eID 3 CA vX</li> <li>• SecMaker eID Mobile 3 CA vX</li> <li>• SecMaker eID 2 CA vX</li> </ul>		CA	M		UTF8String	'X' in the CA names represents a digit for the CA version.
organizationName (2.5.4.10)		SecMaker AB		CA	M		UTF8String	
countryName (2.5.4.6)		SE		CA	M		PrintableString	
<b>Validity</b>		<minimum 1 day, maximum 5 years>				n/a	n/a	



eID - certificate specifications

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
notBefore	13	<Subscriber certificate issuing date>	202001011030Z	CA	M		UTCTime	
notAfter	13	<notBefore + Validity>	202501011030Z	CA	M		UTCTime	
<b>Subject</b>						n/a		
serialNumber (2.5.4.5)	64		SM07536	RA	M/O**		PrintableString	** Mandatory to have Subject serialNumber OR userPrincipalName present in the certificate.
givenName (2.5.4.42)	64		Lena Sofia	RA	M*		UTF8String	The given names of the subscriber. * Not included for individuals that have no given name.
surName (2.5.4.4)	64		Svensson	RA	M		UTF8String	The middle names and surname of the subscriber.
commonName (2.5.4.3)	64		Lena Svensson	RA	M		UTF8String	A 'friendly name' of the subscriber. The first name and surname of the subscriber.
title (2.5.4.12)	64	<Subscriber PoSC ID>	4711	CA	O		UTF8String	Subscriber PoSC ID is an additional numeric ID automatically assigned to the subscriber by the PoSC Portal (system). The PoSC ID is unique within the PoSC Portal and the CA. Is normally included in the certificate but may be omitted.

## eID - certificate specifications

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
organizationName (2.5.4.10)	64		Organization X	CA	M		UTF8String	Official name of the RA organization.
organizationalUnitName (2.5.4.11)	128		SE556671547901 OR SEBOLREG.5566715479	CA	M		UTF8String	The VAT identification number of the RA organization if such exists, alternatively the EUID.
organizationalUnitName (2.5.4.11)	128		HR	RA	O		UTF8String	An organizational unit within the RA organization related to the subscriber.
localityName (2.5.4.7)	128		Stockholm	CA	M		UTF8String	The main locality of the RA organization.
countryName (2.5.4.6)	2		SE	CA	M		PrintableString	The country where the RA organization has its main business.
Cardnumber extension (1.2.752.34.2.1)	19	<CardNumber according to Swedish standard SS614331>		Card Supplier or CA	M	NC	PrintableString	Hard and soft tokens not being "cards" will also be given a unique number in this extension.
<b>subjectPublicKeyInfo</b>						n/a	n/a	

eID - certificate specifications

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
Algorithm		rsaEncryption {1.2.840.113549.1.1.1}		CA	M		n/a (null)	
subjectPublicKey		Public key, RSA 2048 bits		CA	M		BIT STRIN G	
cRLDistributionPoints (2.5.29.31)		[1] CRL Distribution Point Distribution Point Name: Full Name: URL=http://crl.secmakerliveid.com/ <CN of Issuing CA in lowercase characters and without spaces>.crl	Full Name options depending on Issuing CA. Must be one of the following: URL=http:// crl.secmakerliveid.com/ secmakereid3cavX.crl OR URL=http:// crl.secmakerliveid.com/ secmakereidmobile3cavX. crl OR URL=http:// crl.secmakerliveid.com/ secmakereid2cavX.crl	CA	M	NC	OCTET STRIN G	'X' in the CA names of the URLs represents a digit for the CA version.

eID - certificate specifications

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
authorityInformationAccess (1.3.6.1.5.5.7.1)		[1] Authority Info Access Access Method=On-line Certificate Status Protocol (1.3.6.1.5.5.7.48.1) Alternative Name: URL=http://ocsp.secmakerliveid.com [2] Authority Info Access Access Method=Certification Authority Issuer (1.3.6.1.5.5.7.48.2) Alternative Name: URL=http://repository.secmakerliveid.com/<CN of Issuing CA in lowercase characters and without spaces>.cer	Alternative Name options depending on Issuing CA. Must be one of the following:  URL=http://repository.secmakerliveid.com/secmakereid3cavX.cer OR URL=http://repository.secmakerliveid.com/secmakereidmobile3cavX.cer OR URL=http://repository.secmakerliveid.com/secmakereid2cavX.cer	CA	M	NC	OCTET STRING	'X' in the CA names of the URLs represents a digit for the CA version.
subjectAltName (2.5.29.17)						NC		
userPrincipalName (1.3.6.1.4.1.31.1.20.2.3)	255		lensve@secmaker.com OR lena.svensson@secmaker.com	RA	M/O**			For AD logon.  ** Mandatory to have Subject serialNumber or userPrincipalName present in the certificate.
rfc822Name	255		lena.svensson@secmaker.com	RA	O			For secure e-mail.

eID - certificate specifications

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
certificatePolicies (2.5.29.32)		[1]Certificate Policy: Policy Identifier=<OID according to examples> [2,1]Policy Qualifier Info: Policy Qualifier Id=CPS Qualifier: https:// repository.secmakerliveid.com	The OID of the Policy Identifier must be one of the following: <ul style="list-style-type: none"> <li>• 1.2.752.179.102.3.1.1 - LoA3: Card, Primary</li> <li>• 1.2.752.179.102.3.1.2 - LoA3: Card, Temporary</li> <li>• 1.2.752.179.102.3.1.3 - LoA3: Card, Derived</li> <li>• 1.2.752.179.102.3.2.1 - LoA3: Hardware token</li> <li>• 1.2.752.179.102.3.3.1 - LoA3: Mobile, Primary</li> <li>• 1.2.752.179.102.3.3.3 - LoA3: Mobile, Derived</li> <li>• 1.2.752.179.102.2.0 - LoA2</li> </ul>	CA	M		OCTET STRING CPS Qualifier=IA5 string	OID depending on the LoA issuing process and the key protection.
enhancedKeyUsage					M	NC		
clientAuthentication (1.3.6.1.5.5.7.3.2)				CA	M**			** Mandatory in authentication certificates (keyUsage='A0').

eID - certificate specifications

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
smartCardLogon (1.3.6.1.4.1.31 1.20.2.2)				CA	O***			*** Mandatory in authentication certificates (keyUsage='A0') if userPrincipleName is present.
emailProtection (1.3.6.1.5.5.7.3 .4)				CA	O****			**** Mandatory authentication certificates (keyUsage='A0') if rfc822Name is present.
documentSigning (1.3.6.1.4.1.31 1.10.3.12)				CA	M*****			***** Mandatory in signature certificates (keyUsage='40').
<b>subjectKeyIdentifier</b> <b>(2.5.29.14)</b>						NC	n/a	
keyIdentifier		Hash of part of the subscriber's public key			M		OCTET STRING	
<b>authorityKeyIdentifier</b>						NC	n/a	

eID - certificate specifications

	Max length	Value	Example	Source	Mandatory/Optional	Critical/Non-critical	Data type	Comment
keyIdentifier		subjectKeyIdentifier of the Issuing CA. Hash of part of the Issuing CA's public key.		CA	M		OCTET STRING	
keyUsage (2.5.29.15)		digitalSignature, keyEncipherment (A0) OR Non-Repudiation (40)		CA	M	C	OCTET STRING	
Signature		RSA signature with SHA-256		CA	M	n/a	BIT STRING	

## **eID - certificate specifications**

### **4.4 eID CRL Profile**

#### **4.4.1 *Version number(s)***

PoSC Net iD issues X.509 version 2 CRLs that conform to RFC5280.

#### **4.4.2 *CRL and CRL entry extensions***

PoSC Net iD CRL extensions conform to the Extensions profile in RFC5280.



eID - certificate specifications

3 Certificate revocation lists (CRLs)

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
Version	2	V2		n/a	Integer	
signatureAlgorithm		sha-256WithRSAEncryption (1.2.840.113549.1.1.11)		n/a	n/a (null)	
<b>Issuer</b>				n/a		
commonName (2.5.4.3)		Depending on the Issuing CA. Must be one of the following: <ul style="list-style-type: none"> <li>• SecMaker eID 3 CA vX</li> <li>• SecMaker eID Mobile 3 CA vX</li> <li>• SecMaker eID 2 CA vX</li> </ul>			UTF8String	'X' in the CA names represents a digit for the CA version.
organizationName (2.5.4.10)		SecMaker AB			UTF8String	
countryName (2.5.4.6)		SE			PrintableString	
This Update	13		201012113230Z	n/a	UTCTime	
Next Update	13		201014113230Z (48 hours)	n/a	UTCTime	
CRL Number	Up to 20 octets			NC	Integer	
<b>authorityKeyIdentifier</b>				NC		

## eID - certificate specifications

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
keyIdentifier		Contains the subjectKeyIdentifier of the Issuing CA. Hash of part of the Issuing CA's public key.			OCTET STRING	
Signature		RSA signature with SHA-256		n/a	BIT STRING	

## **eID - certificate specifications**

### **4.5 eID OCSP Responder certificates**

#### **4.5.1 *Version number(s)***

PoSC Net iD uses the OCSP specification as defined by RFC6960.

#### **4.5.2 *OCSP extensions***

PoSC Net iD only uses OCSP extensions that conform to the Extensions profile in RFC6960.

eID - certificate specifications

4 Certificates for OCSP signing

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
Version	1	3		n/a	Integer	
serialNumber	64	Randomized	015210445c0117512d07ce449da81d	n/a	Integer	
signatureAlgorithm		sha-256WithRSAEncryption (1.2.840.113549.1.1.11)		n/a	n/a (null)	
<b>Issuer</b>				n/a		
commonName (2.5.4.3)		Depending on the Issuing CA. Must be one of the following: <ul style="list-style-type: none"> <li>• SecMaker eID 3 CA vX</li> <li>• SecMaker eID Mobile 3 CA vX</li> <li>• SecMaker eID 2 CA vX</li> </ul>			UTF8String	'X' in the CA names represents a digit for the CA version.
organizationName (2.5.4.10)		SecMaker AB			UTF8String	
countryName (2.5.4.6)		SE			PrintableString	
<b>Validity</b>		<3 months>		n/a	n/a	
notBefore	13	<ocsp certificate issuing date>			UTCTime	
notAfter	13	<notBefore + 3 months>			UTCTime	

eID - certificate specifications

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
<b>Subject</b>				n/a		
commonName (2.5.4.3)	64	<CN of Issuing CA> + 'OCSP Responder Z'	SecMaker Swedish eID 4 CA vX OCSP Responder 1		UTF8String	'X' in the CA names represents a digit for the CA version and 'Z' represents a digit for the instance number of the responder.
organizationName (2.5.4.10)	64	SecMaker AB			UTF8String	
countryName (2.5.4.6)	2	SE			PrintableString	
<b>subjectPublicKeyInfo</b>				n/a	n/a	
Algorithm		rsaEncryption {1.2.840.113549.1.1.1}			n/a (null)	
subjectPublicKey		Public key, RSA 2048			BIT STRING	
<b>OCSP No Revocation Checking</b>		05 00		NC	OCTET STRING	
<b>enhancedKeyUsage</b>				NC		
OCSPSigning (1.3.6.1.5.5.7.3.9)						

eID - certificate specifications

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
<b>subjectKeyIdentifier</b> (2.5.29.14)				NC	n/a	
keyIdentifier		Hash of part of the OCSP Responder's public key			OCTET STRING	
<b>authorityKeyIdentifier</b>				NC	n/a	
keyIdentifier		Contains the subjectKeyIdentifier of the Issuing CA. Hash of part of the Issuing CA's public key.			OCTET STRING	
keyUsage (2.5.29.15)		digitalSignature, keyEncipherment (A0)		C	OCTET STRING	
Signature		RSA signature with SHA-256		n/a	BIT STRING	

## **eID - certificate specifications**

### **4.6 eID Root CA ARL Profile**

#### **4.6.1 *Version number(s)***

PoSC Net iD issues X.509 version 2 CRLs that conform to RFC5280.

#### **4.6.2 *CRL and CRL entry extensions***

PoSC Net iD CRL extensions conform to the Extensions profile in RFC5280.

eID - certificate specifications

5 Certificate revocation lists (CRLs)

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type
Version	2	V2		n/a	Integer
signatureAlgorithm		sha-256WithRSAEncryption (1.2.840.113549.1.1.11)		n/a	n/a (null)
<b>Issuer</b>				n/a	
commonName (2.5.4.3)		SecMaker eID Root CA v1			UTF8String
organizationName (2.5.4.10)		SecMaker AB			UTF8String
countryName (2.5.4.6)		SE			PrintableString
This Update	13		201012113230Z	n/a	UTCTime
Next Update	13		211012113230Z (1 year)	n/a	UTCTime
CRL Number	Up to 20 octets			NC	Integer
<b>authorityKeyIdentifier</b>				NC	
keyIdentifier		Contains the subjectKeyIdentifier of 'SecMaker eID Root CA v1'. Hash of part of the Root CA's public key.			OCTET STRING
Signature		RSA signature with SHA-256		n/a	BIT STRING



## **eID - certificate specifications**

### **4.7 eID Root CA OCSP Responder certificates**

#### **4.7.1 *Version number(s)***

PoSC Net iD uses the OCSP specification as defined by RFC6960.

#### **4.7.2 *OCSP extensions***

PoSC Net iD only uses OCSP extensions that conform to the Extensions profile in RFC6960.

eID - certificate specifications

6 Certificates for OCSP signing

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
Version	1	3		n/a	Integer	
serialNumber	64	Randomized	015210445c0117512d07ce449da81d	n/a	Integer	
signatureAlgorithm		sha-256WithRSAEncryption (1.2.840.113549.1.1.11)		n/a	n/a (null)	
<b>Issuer</b>				n/a		
commonName (2.5.4.3)		SecMaker eID Root CA v1			UTF8String	
organizationName (2.5.4.10)		SecMaker AB			UTF8String	
countryName (2.5.4.6)		SE			PrintableString	
<b>Validity</b>		<1 year>		n/a	n/a	
notBefore	13	<ocsp certificate issuing date>			UTCTime	
notAfter	13	<notBefore + 1 year>			UTCTime	
<b>Subject</b>				n/a		

eID - certificate specifications

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
commonName (2.5.4.3)	64	SecMaker eID Root CA v1 OCSP Responder 'Z'	SecMaker Swedish eID Root CA v1 OCSP Responder 1		UTF8String	'Z' represents a digit for the instance number of the responder.
organizationName (2.5.4.10)	64	SecMaker AB			UTF8String	
countryName (2.5.4.6)	2	SE			PrintableString	
<b>subjectPublicKeyInfo</b>				n/a	n/a	
Algorithm		rsaEncryption {1.2.840.113549.1.1.1}			n/a (null)	
subjectPublicKey		Public key, RSA 2048			BIT STRING	
<b>OCSP No Revocation Checking</b>		05 00		NC	OCTET STRING	
<b>enhancedKeyUsage</b>				NC		
OCSPSigning (1.3.6.1.5.5.7.3.9)						
<b>subjectKeyIdentifier (2.5.29.14)</b>				NC	n/a	
keyIdentifier		Hash of part of the OCSP Responder's public key			OCTET STRING	

**eID - certificate specifications**

Attribute (OID)	Max length	Value	Example	Critical/Non-critical	Data type	Comments
<b>authorityKeyIdentifier</b>				NC	n/a	
keyIdentifier		Contains the subjectKeyIdentifier of 'SecMaker eID Root CA v1'. Hash of part of the Root CA's public key.			OCTET STRING	
keyUsage (2.5.29.15)		digitalSignature, keyEncipherment (A0)		C	OCTET STRING	
Signature		RSA signature with SHA-256		n/a	BIT STRING	



---

**Website**

<https://www.pointsharp.com>

**Copyright**

© 2022, Pointsharp AB. All rights reserved worldwide.

**Disclaimer**

Specifications subject to change without further notice, unless stated otherwise in agreement.

Classification: Public  
Publ. No.: PSC-Rd21-02  
Version: Final  
Document status: 1.5  
OID:  
Published: 05 Apr 2022