



Siemens Trust Center PKI

CA Hierarchy 2020 - EE Policies

Document History

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1.0	February 21, 2021	M. Fechter / IT IN COR TSQ-1	First initial version

This document will be reviewed every year or in the event of an important ad-hoc change according to the Information Security update process for documents. Each new version will be approved by the respective management level before being released.

This document is published under www.siemens.com/pki.

Scope and Applicability

This document constitutes the Certificate Authority Hierarchy (CA Hierarchy) for the Siemens CA Certificates (Issuing & Root). The purpose of this document is to publicly disclose to subscribers and relying parties the business policies and practices under which Root- and Issuing CA are operated.

Document Status

This document with version 1.0 and status Released has been classified as "Unrestricted".

	Name	Department	Date
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1 Introduction

This document explains the Siemens EE Certificate Policies.

1.1 Overview

The following picture shows the architecture of Siemens Root CA together with the respective Issuing CA's:

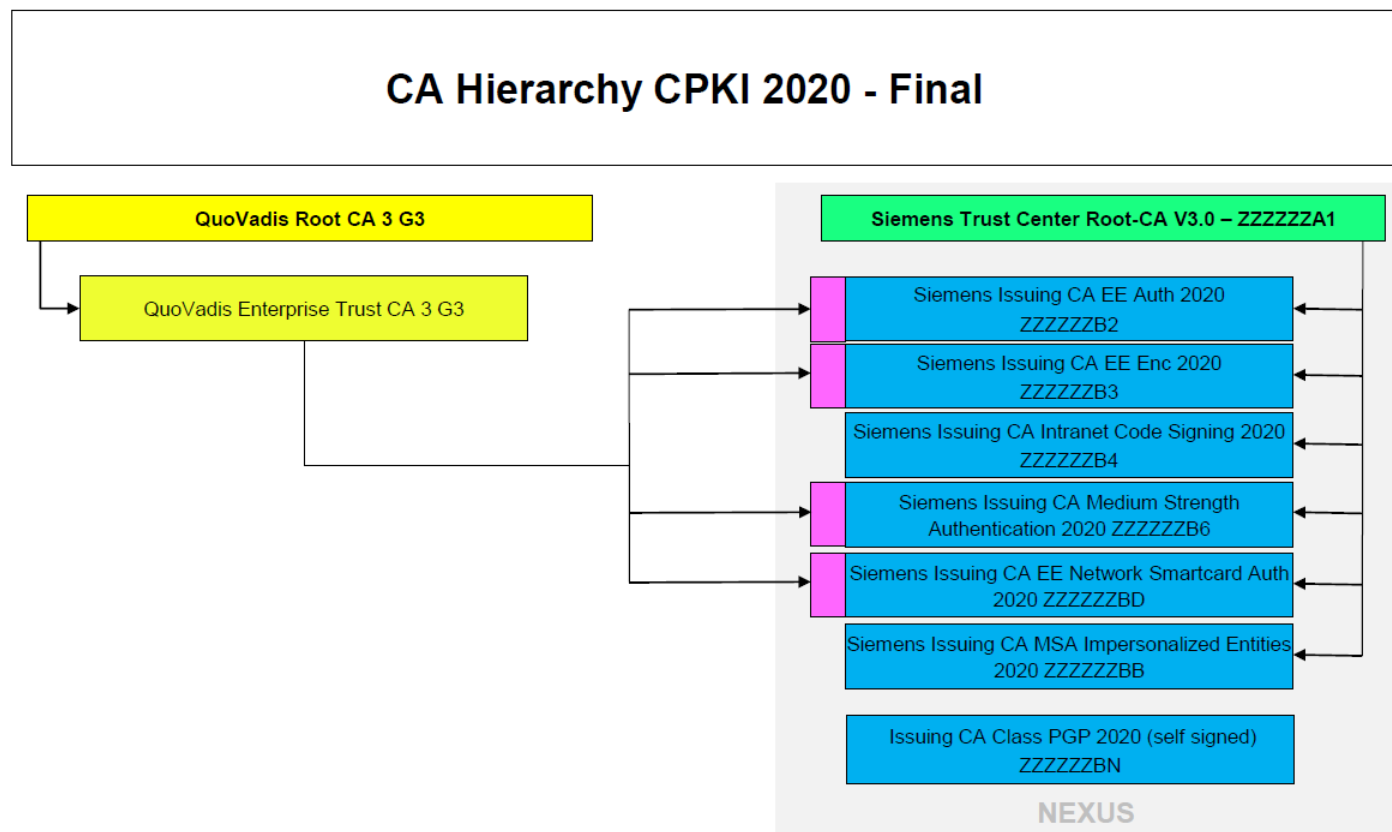


Figure 1: Siemens PKI Hierarchy 2020

1.2 List of Abbreviations

Abbreviation	Meaning
AIA	Authority Information Access
AKI	Authority Key Identifier
B-Constr.	Basic Constraints
C	Country
CA	Certificate Authority
CDP	CRL Distribution Point
CN	Common Name
CP	Certificate Policies
DN	Distinguished Name
EKU	Extended Key Usage
KU	Key Usage
O	Organisation
OU	Organisation Unit
SAN	Subject Alternative Name
SKI	Subject Key Identifier
SN	Serial Number
SP	State of Province

2 Siemens Issuing CA EE Auth 2020 - Policies

General	Name	AUTH_FCT_SC_ZZZZZZB2	AUTH_SMA_SC_ZZZZZZB2	AUTH_KBP_SC_ZZZZZZB2	OCSP_SIGNER_P10_ZZZZZZB2
Policy	Description	Policy Authentication (SC) Class Functional Group ZZZZZZB2	Policy Authentication (SC) Class Siemens Mitarbeiter ZZZZZZB2	Policy Authentication (SC) Class Known Business Partner ZZZZZZB2	Policy (P10) Class OCSP Signer Zertifikate - 12 month
	Certificate Type	Authentication	Authentication	Authentication	OCSP Signing
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA EE Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZB2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZB2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZB2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZB2;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN	CN	CN	CN
		O	O	O	O
		SN	S	S	C
			G	G	
			SN	SN	
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048	2048
	Validity Period	12	36	12	12
	Key Type	RSA - User or on SmartCard generated Keys PKCS#11	RSA - User or on SmartCard generated Keys PKCS#11	RSA - User or on SmartCard generated Keys PKCS#11	Centrally generated Keys on HSM PKCS#11
AIA		http://ah.siemens.com/pki?ZZZZZZB2.crt	http://ah.siemens.com/pki?ZZZZZZB2.crt	http://ah.siemens.com/pki?ZZZZZZB2.crt	
		ldap://al.siemens.net/CN=ZZZZZZB2,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB2,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB2,L=PKI?cACertificate	
		ldap://al.siemens.com/CN=ZZZZZZB2,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB2,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB2,o=Trustcenter?cACertificate	
		http://ocsp.siemens.com	http://ocsp.siemens.com	http://ocsp.siemens.com	
AKI		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier	
SKI		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier	
SAN	Other Name	User Principal Name	User Principal Name	User Principal Name	
	RFC822-Name	User Mail Address	User Mail Address	User Mail Address	
Key Usage Critical		Digital Signature	Digital Signature	Digital Signature	Digital Signature
EKU Non-Critical		kp-ClientAuth	kp-ClientAuth	kp-ClientAuth	OCSPSigning
		kp-emailProtection	kp-emailProtection	kp-emailProtection	
		SmartCard Logon	SmartCard Logon	SmartCard Logon	
CDP		http://ch.siemens.com/pki?ZZZZZZB2.crl	http://ch.siemens.com/pki?ZZZZZZB2.crl	http://ch.siemens.com/pki?ZZZZZZB2.crl	
		ldap://cl.siemens.net/CN=ZZZZZZB2,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB2,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB2,L=PKI?certificateRevocationList	
		ldap://cl.siemens.com/CN=ZZZZZZB2,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB2,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB2,o=Trustcenter?certificateRevocationList	
Basic Constr Critical	Type	End Entity	End Entity	End Entity	End Entity
	Path length	Nothing	Nothing	Nothing	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.2.3.2.1	1.3.6.1.4.1.4329.7.2.2.3.1.1	1.3.6.1.4.1.4329.7.2.2.4.1.1	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/
OCSP NoCheck					YES

3 Siemens Issuing CA EE Enc 2020 – Policies

General	Name	ENC_FCT_AR_P12_ZZZZZZB3	ENC_FCT_P12_ZZZZZZB3	ENC_SMA_SC_ZZZZZZB3	ENC_KBP_SC_ZZZZZZB3
Policy	Description	Policy Encryption (P12) Class Functional Group Aufsichtsrat ZZZZZZB3	Policy Encryption (P12) Class Functional Group ZZZZZZB3	Policy Encryption (SC) Class Siemens Mitarbeiter ZZZZZZB3	Policy Encryption (SC) Class Known Business Partner ZZZZZZB3
	Certificate Type	Encryption	Encryption	Encryption	Encryption
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA EE Enc 2020;OU=Siemens Trust Center;SN=ZZZZZZB3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Enc 2020;OU=Siemens Trust Center;SN=ZZZZZZB3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Enc 2020;OU=Siemens Trust Center;SN=ZZZZZZB3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Enc 2020;OU=Siemens Trust Center;SN=ZZZZZZB3;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN	CN	CN	CN
		O	O	O	O
		SN	SN	S	S
				G	G
				SN	SN
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048	2048
	Validity Period	36	12	36	12
	Key Type	Centrally generated Keys	Centrally generated Keys	Centrally generated Keys	Centrally generated Keys
AIA		http://ah.siemens.com/pki?ZZZZZZB3.crt	http://ah.siemens.com/pki?ZZZZZZB3.crt	http://ah.siemens.com/pki?ZZZZZZB3.crt	http://ah.siemens.com/pki?ZZZZZZB3.crt
		ldap://al.siemens.net/CN=ZZZZZZB3,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB3,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB3,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB3,L=PKI?cACertificate
		ldap://al.siemens.com/CN=ZZZZZZB3,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB3,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB3,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB3,o=Trustcenter?cACertificate
		http://ocsp.siemens.com	http://ocsp.siemens.com	http://ocsp.siemens.com	http://ocsp.siemens.com
AKI		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier	
SKI		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier	
SAN	RFC822-Name	User Mail Address	User Mail Address	User Mail Address	
Key Usage Critical		Key encipherment	Key encipherment	Key encipherment	Key encipherment
		Data encipherment	Data encipherment	Data encipherment	Data encipherment
EKU Non-Critical		kp-emailProtection	kp-emailProtection	kp-emailProtection	kp-emailProtection
		Encrypting File System (szOID_EFS_CRYPTO)	Encrypting File System (szOID_EFS_CRYPTO)	Encrypting File System (szOID_EFS_CRYPTO)	Encrypting File System (szOID_EFS_CRYPTO)
		File Recovery (szOID_EFS_RECOVERY)	File Recovery (szOID_EFS_RECOVERY)	File Recovery (szOID_EFS_RECOVERY)	File Recovery (szOID_EFS_RECOVERY)
				driveEncryption (Bitlocker)	driveEncryption (Bitlocker)
CDP		http://ch.siemens.com/pki?ZZZZZZB3.crl	http://ch.siemens.com/pki?ZZZZZZB3.crl	http://ch.siemens.com/pki?ZZZZZZB3.crl	http://ch.siemens.com/pki?ZZZZZZB3.crl
		ldap://cl.siemens.net/CN=ZZZZZZB3,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB3,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB3,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB3,L=PKI?certificateRevocationList
		ldap://cl.siemens.com/CN=ZZZZZZB3,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB3,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB3,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB3,o=Trustcenter?certificateRevocationList
Basic Constr Critical	Type	End Entity	End Entity	End Entity	End Entity
	Path length	Nothing	Nothing	Nothing	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.2.3.2.3	1.3.6.1.4.1.4329.7.2.2.3.2.3	1.3.6.1.4.1.4329.7.2.2.3.1.3	1.3.6.1.4.1.4329.7.2.2.4.1.3
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/
OCSP NoCheck					

General	Name	ENC_FCT_SC_ZZZZZZB3	OCSP_SIGNER_P10_ZZZZZZB3
Policy	Description	Policy Encryption (SC) Class Functional Group ZZZZZZB3	Policy (P10) Class OCSP Signer Zertifikate - 12 month
	Certificate Type	Encryption	OCSP Signing
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA EE Enc 2020;OU=Siemens Trust Center;SN=ZZZZZB3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Enc 2020;OU=Siemens Trust Center;SN=ZZZZZB3;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN	CN
		O	O
		SN	C
Options	Algorhytm used	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048
	Validity Period	12	12
	Key Type	Centrally generated Keys	Centrally generated Keys on HSM PKCS#11
AIA		http://ah.siemens.com/pki?ZZZZZB3.crt	
		ldap://al.siemens.net/CN=ZZZZZB3,L=PKI?cACertificate	
		ldap://al.siemens.com/CN=ZZZZZB3,o=Trustcenter?cACertificate	
		http://ocsp.siemens.com	
AKI		Include Authority Key Identifier	Include Authority Key Identifier
SKI		Include Subject Key Identifier	Include Subject Key Identifier
SAN	RFC822-Name	User Mail Address	
Key Usage Critical		Key encipherment	Digital Signature
		Data encipherment	
EKU Non-Critical		kp-emailProtection	OCSP Signing
		Encrypting File System (szOID_EFS_CRYPT0)	
		File Recovery (szOID_EFS_RECOVERY)	
CDP		http://ch.siemens.com/pki?ZZZZZB3.crl	
		ldap://cl.siemens.net/CN=ZZZZZB3,L=PKI?certificateRevocationList	
		ldap://cl.siemens.com/CN=ZZZZZB3,o=Trustcenter?certificateRevocationList	
Basic Constr Critical	Type	End Entity	End Entity
	Path length	Nothing	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.3.2.3	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/
OCSP NoCheck			YES

4 Siemens Issuing CA Intranet Code Signing 2020 – Policies

General	Name	CS_FCT_SC_ZZZZZZB4	OCSP_SIGNER_P10_ZZZZZZB4
Policy	Description	Policy Code Signing Class Functional Group	Policy (P10) Class OCSP Signer Zertifikate - 12 month
	Certificate Type	Code signing	OCSP Signing
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA Intranet Code Signing 2020;OU=Siemens Trust Center;SN=ZZZZZZB4;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Intranet Code Signing 2020;OU=Siemens Trust Center;SN=ZZZZZZB4;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN	CN
		O	O
		SN	C
Options	Algorhytm used	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048
	Validity Period	36	12
	Key Type	RSA - User or on SmartCard generated Keys PKCS#11	Centrally generated Keys on HSM PKCS#11
AIA		http://ah.siemens.com/pki?ZZZZZZB4.crt	
		ldap://al.siemens.net/CN=ZZZZZZB4,L=PKI?cACertificate	
		ldap://al.siemens.com/CN=ZZZZZZB4,o=Trustcenter?cACertificate	
		http://ocsp.siemens.com	
AKI		Include Authority Key Identifier	
SKI		Include Subject Key Identifier	
SAN	Other Name	User Principal Name	
	RFC822-Name	User Mail Address	
Key Usage Critical		Digital Signature	Digital Signature
EKU Non-Critical		kp-codeSigning	OCSPSigning
CDP		http://ch.siemens.com/pki?ZZZZZZB4.crl	
		ldap://cl.siemens.net/CN=ZZZZZZB4,L=PKI?certificateRevocationList	
		ldap://cl.siemens.com/CN=ZZZZZZB4,o=Trustcenter?certificateRevocationList	
Basic Constr Critical	Type	End Entity	End Entity
	Path length	Nothing	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.2.3.2.3	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/
OCSP NoCheck			YES

5 Siemens Issuing CA Medium Strength Authentication 2020 – Policies

General	Name	AUTH_FCT_P12_ZZZZZZB6	AUTH_FCT_AR_P12_ZZZZZZB6	AUTH_SMA_P12_ZZZZZZB6	AUTH_KBP_P12_ZZZZZZB6
Policy	Description	Policy Soft Authentication (P12) Class Siemens Functional Group from MSA CA	Policy Soft Authentication (P12) Class Siemens Functional Group from MSA CA - Aufsichtsrat Sonderloesung	Policy Soft Authentication (P12) Class Siemens Mitarbeiter from MSA CA	Policy Soft Authentication (P12) Class Siemens KBP from MSA CA
	Certificate Type	Soft Authentication	Soft Authentication	Soft Authentication	Soft Authentication
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA Medium Strength Authentication 2020;OU=Siemens Trust Center;SN=ZZZZZZB6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2020;OU=Siemens Trust Center;SN=ZZZZZZB6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2020;OU=Siemens Trust Center;SN=ZZZZZZB6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2020;OU=Siemens Trust Center;SN=ZZZZZZB6;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN	CN	CN	CN
		O	O	O	O
		SN	SN	S	S
				G	G
				SN	SN
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048	2048
	Validity Period	12	36	36	12
	Key Type	Centrally generated Keys	Centrally generated Keys	Centrally generated Keys	Centrally generated Keys on HSM PKCS#11
AIA		http://ah.siemens.com/pki?ZZZZZZB6.crt	http://ah.siemens.com/pki?ZZZZZZB6.crt	http://ah.siemens.com/pki?ZZZZZZB6.crt	http://ah.siemens.com/pki?ZZZZZZB6.crt
		ldap://al.siemens.net/CN=ZZZZZZB6,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB6,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB6,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZB6,L=PKI?cACertificate
		ldap://al.siemens.com/CN=ZZZZZZB6,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB6,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB6,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZB6,o=Trustcenter?cACertificate
		http://ocsp.siemens.com	http://ocsp.siemens.com	http://ocsp.siemens.com	http://ocsp.siemens.com
AKI		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
SKI		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
SAN	Other Name	User Principal Name	User Principal Name	User Principal Name	User Principal Name
	RFC822-Name	User Mail Address	User Mail Address	User Mail Address	User Mail Address
Key Usage Critical		Digital Signature	Digital Signature	Digital Signature	Digital Signature
EKU Non-Critical		kp-ClientAuth	kp-ClientAuth	kp-ClientAuth	kp-ClientAuth
		kp-emailProtection	kp-emailProtection	kp-emailProtection	kp-emailProtection
CDP		http://ch.siemens.com/pki?ZZZZZZB6.crl	http://ch.siemens.com/pki?ZZZZZZB6.crl	http://ch.siemens.com/pki?ZZZZZZB6.crl	http://ch.siemens.com/pki?ZZZZZZB6.crl
		ldap://cl.siemens.net/CN=ZZZZZZB6,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB6,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB6,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZB6,L=PKI?certificateRevocationList
		ldap://cl.siemens.com/CN=ZZZZZZB6,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB6,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB6,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZB6,o=Trustcenter?certificateRevocationList
Basic Constr Critical	Type	End Entity	End Entity	End Entity	End Entity
	Path length	Nothing	Nothing	Nothing	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.2.3.2.3	1.3.6.1.4.1.4329.7.2.2.3.2.3	1.3.6.1.4.1.4329.7.2.2.3.1.3	1.3.6.1.4.1.4329.7.2.2.4.1.3
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/
OCSP NoCheck					

General	Name	OCSP_SIGNER_P10_ZZZZZB6
Policy	Description	Policy (P10) Class OCSP Signer Zertifikate - 12 month
	Certificate Type	OCSP Signing
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA Medium Strength Authentication 2020;OU=Siemens Trust Center;SN=ZZZZZB6;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN
		O
		C
Options	Algorhytm used	RSA/SHA256
	Key Lenth	2048
	Validity Period	12
	Key Type	Centrally generated Keys on HSM PKCS#11
AIA		
AKI		
SKI		
SAN	Other Name	
	RFC822-Name	
Key Usage Critical		Digital Signature
EKU Non-Critical		OCSPSigning
CDP		
Basic Constr Critical	Type	End Entity
	Path length	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/
OCSP NoCheck		YES

6 Siemens Issuing CA MSA Impersonalized Entities 2020 – Policies

General	Name	APP_FCT_P12_ZZZZZZBB	OCSP_SIGNER_P10_ZZZZZZBB
Policy	Description	Policy Authentication (P12) Class Siemens MSA Impersonalized Entities	Policy (P10) Class OCSP Signer Zertifikate - 12 month
	Certificate Type	Code signing	OCSP Signing
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA MSA Impersonalized Entities 2020;OU=Siemens Trust Center;SN=ZZZZZZBB;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA MSA Impersonalized Entities 2020;OU=Siemens Trust Center;SN=ZZZZZZBB;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN	CN
		O	O
		SN	C
Options	Algorhytm used	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048
	Validity Period	12 + 90 days	12
	Key Type	Centrally generated Keys	Centrally generated Keys on HSM PKCS#11
AIA		http://ah.siemens.com/pki?ZZZZZZBB.crt	
		ldap://al.siemens.net/CN=ZZZZZZBB,L=PKI?cACertificate	
		ldap://al.siemens.com/CN=ZZZZZZBB,o=Trustcenter?cACertificate	
		http://ocsp.siemens.com	
AKI		Include Authority Key Identifier	
SKI		Include Subject Key Identifier	
SAN	Other Name	User Principal Name	
	RFC822-Name	User Mail Address	
Key Usage Critical		Digital Signature	Digital Signature
EKU Non-Critical		kp-ClientAuth	OCSPSigning
CDP		http://ch.siemens.com/pki?ZZZZZZBB.crl	
		ldap://cl.siemens.net/CN=ZZZZZZBB,L=PKI?certificateRevocationList	
		ldap://cl.siemens.com/CN=ZZZZZZBB,o=Trustcenter?certificateRevocationList	
Basic Constr Critical	Type	End Entity	End Entity
	Path length	Nothing	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.2.3.2.3	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/
OCSP NoCheck			YES

7 Siemens Issuing CA EE Network Smartcard Auth 2020 – Policies

General	Name	AUTH_SMA_NSC_ZZZZZZBD	AUTH_KBP_NSC_ZZZZZZBD	AUTH_SMA_NexusMobile_ZZZZZZBD	OCSF_SIGNER_P10_ZZZZZZBD
Policy	Description	Policy Authentication Class Siemens Mitarbeiter	Policy Authentication (Network SC) Class Siemens KBP	Policy Authentication (Nexus Mobile) Class Siemens Mitarbeiter	Policy (P10) Class OCSF Signer Zertifikate - 12 month
	Certificate Type	Authentication	Authentication	Authentication	OCSF Signing
Issuer DN	Signing CA (DN)	CN=Siemens Issuing CA EE Network Smartcard Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZBD;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Network Smartcard Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZBD;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Network Smartcard Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZBD;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Network Smartcard Auth 2020;OU=Siemens Trust Center;SN=ZZZZZZBD;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN		CN	CN	CN	CN
		O	O	O	O
		S	S	S	C
		G	G	G	
		SN	SN	SN	
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048	2048
	Validity Period	12	36	12	12
	Key Type	RSA - User or on SmartCard generated Keys PKCS#11	RSA - User or on SmartCard generated Keys PKCS#11	RSA - User or on SmartCard generated Keys PKCS#11	Centrally generated Keys on HSM PKCS#11
AIA		http://ah.siemens.com/pki?ZZZZZZBD.crt	http://ah.siemens.com/pki?ZZZZZZBD.crt	http://ah.siemens.com/pki?ZZZZZZBD.crt	
		ldap://al.siemens.net/CN=ZZZZZZBD,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZBD,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZBD,L=PKI?cACertificate	
		ldap://al.siemens.com/CN=ZZZZZZBD,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZBD,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZBD,o=Trustcenter?cACertificate	
		http://ocsp.siemens.com	http://ocsp.siemens.com	http://ocsp.siemens.com	
AKI		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier	
SKI		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier	
SAN	Other Name	User Principal Name	User Principal Name	User Principal Name	
	RFC822-Name	User Mail Address	User Mail Address	User Mail Address	
Key Usage Critical		Digital Signature	Digital Signature	Digital Signature	Digital Signature
EKU Non-Critical		kp-ClientAuth	kp-ClientAuth	kp-ClientAuth	OCSFSigning
		kp-emailProtection	kp-emailProtection	kp-emailProtection	
		SmartCard Logon	SmartCard Logon	SmartCard Logon	
CDP		http://ch.siemens.com/pki?ZZZZZZBD.crl	http://ch.siemens.com/pki?ZZZZZZBD.crl	http://ch.siemens.com/pki?ZZZZZZBD.crl	
		ldap://cl.siemens.net/CN=ZZZZZZBD,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZBD,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZBD,L=PKI?certificateRevocationList	
		ldap://cl.siemens.com/CN=ZZZZZZBD,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZBD,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZBD,o=Trustcenter?certificateRevocationList	
Basic Constr Critical	Type	End Entity	End Entity	End Entity	End Entity
	Path length	Nothing	Nothing	Nothing	Nothing
Certificate Policies	Siemens Public Key Infrastructure	1.3.6.1.4.1.4329.7.2.2.3.1.1	1.3.6.1.4.1.4329.7.2.2.4.1.1	1.3.6.1.4.1.4329.7.2.2.4.1.1	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/
OCSF NoCheck					YES