

Name CA		ZZZZZA2		
General	Name	FCT_Auth_SC_2048_SHA2_ZZZZZA2	SMA_Auth_SC_2048_SHA2_ZZZZZA2	KBP_Auth_SC_2048_SHA2_ZZZZZA2
	Description	Policy Authentication (SC) Class Functional Group ZZZZZA2 Authentication	Policy Authentication (SC) Class Siemens Mitarbeiter ZZZZZA2 Authentication	Policy Authentication (SC) Class Known Business Partner ZZZZZA2 Authentication
	Certificate Type	CN=Siemens Issuing CA EE Auth 2016;OU=Siemens Trust Center;SN=ZZZZZA2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2016;OU=Siemens Trust Center;SN=ZZZZZA2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2016;OU=Siemens Trust Center;SN=ZZZZZA2;O=Siemens;L=Muenchen;SP=Bayern;C=DE
	Signing CA (DN)			
Subject DN	DN	CN O S G SN	CN O S G SN	CN O S G SN
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
	Validity Period	12	36	12
	Publisher Mapping	Authentication Legal	Authentication Person	Authentication Person
	Key Type	User or system generated Keys	User or system generated Keys	User or system generated Keys
	Delivery by Email (PKCS12)	no	no	no
		PKCS11	PKCS11	PKCS11
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ah.siemens.com/pki?ZZZZZA2.crt	http://ah.siemens.com/pki?ZZZZZA2.crt	http://ah.siemens.com/pki?ZZZZZA2.crt
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.net/CN=ZZZZZA2,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA2,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA2,L=PKI?cACertificate
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.com/CN=ZZZZZA2,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA2,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA2,o=Trustcenter?cACertificate
Authority Information Access	Method:	OCSF	OCSF	OCSF
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	Other Name	Other Name	Other Name
	Value	User Principal Name empty	User Principal Name empty	User Principal Name empty
Subject Alternative Name	Type	Email	Email	Email
	Value	empty Non-Critical	empty Non-Critical	empty Non-Critical
Key Usage		Digital Signature	Digital Signature	Digital Signature
		critical	critical	critical
Extended Key Usage		kp-ClientAuth kp-emailProtection SmartCard Logon	kp-ClientAuth kp-emailProtection SmartCard Logon	kp-ClientAuth kp-emailProtection SmartCard Logon
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ch.siemens.com/pki?ZZZZZA2.crl	http://ch.siemens.com/pki?ZZZZZA2.crl	http://ch.siemens.com/pki?ZZZZZA2.crl
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.net/CN=ZZZZZA2,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA2,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA2,L=PKI?certificateRevocationList
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.com/CN=ZZZZZA2,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA2,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA2,o=Trustcenter?certificateRevocationList
Basic Constraints		End Entity critical	End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infrac	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
	CPS URI	http://www.siemens.com/pki/ Non-Critical	http://www.siemens.com/pki/ Non-Critical	http://www.siemens.com/pki/ Non-Critical
Certificate Policies				
Certificate Policies				
OCSF NoCheck				

FCT_Additional_Auth_SC_2048_SHA2_ZZZZZA2	SMA_Additional_Auth_SC_2048_SHA2_ZZZZZA2	KBP_Additional_Auth_SC_2048_SHA2_ZZZZZA2	OCSF_SIGNER_P10_SHA2_ZZZZZA2
Policy Additional Authentication (SC) Class Functional Group ZZZZZA2 Additional Authentication	Policy Additional Authentication (SC) Class Siemens Mitarbeiter ZZZZZA2 Additional Authentication	Policy Additional Authentication (SC) Class Known Business Partner ZZZZZA2 Additional Authentication	Policy (P10) Class OCSF Signer Zertifikate - 12 month Authentication
CN=Siemens Issuing CA EE Auth 2016;OU=Siemens Trust Center;SN=ZZZZZA2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2016;OU=Siemens Trust Center;SN=ZZZZZA2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2016;OU=Siemens Trust Center;SN=ZZZZZA2;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Auth 2016;OU=Siemens Trust Center;SN=ZZZZZA2;O=Siemens;L=Muenchen;SP=Bayern;C=DE
CN	CN	CN	CN
O	O	O	O
S	S	S	C
G	G	G	
SN	SN	SN	
RSA/SHA256 2048 12 Authentication Legal User or system generated Keys no PKCS11	RSA/SHA256 2048 36 Authentication Person User or system generated Keys no PKCS11	RSA/SHA256 2048 12 Authentication Person User or system generated Keys no PKCS11	RSA/SHA256 2048 12 STE Entity Mapping User or system generated Keys no PKCS11
CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA2.crt	CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA2.crt	CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA2.crt	
CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA2,L=PKI?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA2,L=PKI?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA2,L=PKI?cACertificate	
CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA2,o=Trustcenter?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA2,o=Trustcenter?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA2,o=Trustcenter?cACertificate	
OCSF Uniform Resource Identifier http://ocsp.pki-services.siemens.com	OCSF Uniform Resource Identifier http://ocsp.pki-services.siemens.com	OCSF Uniform Resource Identifier http://ocsp.pki-services.siemens.com	
Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Other Name User Principal Name empty	Other Name User Principal Name empty	Other Name User Principal Name empty	
Email empty Non-Critical	Email empty Non-Critical	Email empty Non-Critical	
Digital Signature	Digital Signature	Digital Signature	Digital Signature
critical	critical	critical	critical
kp-ClientAuth kp-emailProtection SmartCard Logon	kp-ClientAuth kp-emailProtection SmartCard Logon	kp-ClientAuth kp-emailProtection SmartCard Logon	OCSFSigning
Non-Critical	Non-Critical	Non-Critical	Non-Critical
Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA2.crl	Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA2.crl	Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA2.crl	
Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA2,L=PKI?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA2,L=PKI?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA2,L=PKI?certificateRevocationList	
Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA2,o=Trustcenter?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA2,o=Trustcenter?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA2,o=Trustcenter?certificateRevocationList	
End Entity critical	End Entity critical	End Entity critical	End Entity critical
1.3.6.1.4.1.4329.7.2.2.3.2.2 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.1.2 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.4.1.2 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.5 http://www.siemens.com/pki/ Non-Critical
			YES

Name CA		ZZZZZA3		
General	Name	AR_FCT_Enc_P12_SHA2_ZZZZZA3	FCT_Enc_P12_SHA2_ZZZZZA3	SMA_Enc_SC_2048_SHA2_ZZZZZA3
	Description	Policy Encryption (P12) Class Functional Group Aufsichtsrat ZZZZZA3	Policy Encryption (P12) Class Functional Group ZZZZZA3	Policy Encryption (SC) Class Siemens Mitarbeiter ZZZZZA3
	Certificate Type	Encryption CN=Siemens Issuing CA EE Enc 2016;OU=Siemens Trust	Encryption CN=Siemens Issuing CA EE Enc 2016;OU=Siemens Trust	Encryption CN=Siemens Issuing CA EE Enc 2016;OU=Siemens Trust
	Signing CA (DN)	Center;SN=ZZZZZA3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	Center;SN=ZZZZZA3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	Center;SN=ZZZZZA3;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN O	CN O	CN O S G SN
		SN	SN	SN
Options	Algorithym used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
	Validity Period	36	12	36
	Publisher Mapping	Legal Entity	Legal Entity	Netscape Certs
	Key Type	Centrally Generated Keys	Centrally Generated Keys	Centrally Generated Keys
	Delivery by Email (PKCS1	no	no	no
		PKCS12	PKCS12	PKCS11
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ah.siemens.com/pki?ZZZZZA3.crt	http://ah.siemens.com/pki?ZZZZZA3.crt	http://ah.siemens.com/pki?ZZZZZA3.crt
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.net/CN=ZZZZZA3,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA3,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA3,L=PKI?cACertificate
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.com/CN=ZZZZZA3,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA3,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA3,o=Trustcenter?cACertificate
Authority Information Access	Method:	OCSF	OCSF	OCSF
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	Email	Email	Email
	Value	empty	empty	empty
		Non-Critical	Non-Critical	Non-Critical
Subject Alternative Name	Type			
	Value			
Key Usage		Key encipherment Data encipherment	Key encipherment Data encipherment	Key encipherment Data encipherment
		critical	critical	critical
Extended Key Usage		kp-emailProtection Encrypting File System (szOID_EFS_CRYPT0) File Recovery (szOID_EFS_RECOVERY)	kp-emailProtection Encrypting File System (szOID_EFS_CRYPT0) File Recovery (szOID_EFS_RECOVERY)	kp-emailProtection Encrypting File System (szOID_EFS_CRYPT0) File Recovery (szOID_EFS_RECOVERY)
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ch.siemens.com/pki?ZZZZZA3.crl	http://ch.siemens.com/pki?ZZZZZA3.crl	http://ch.siemens.com/pki?ZZZZZA3.crl
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.net/CN=ZZZZZA3,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA3,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA3,L=PKI?certificateRevocationList
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.com/CN=ZZZZZA3,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA3,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA3,o=Trustcenter?certificateRevocationList
Basic Constraints		End Entity critical	End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infras CPS URI	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.1.3 http://www.siemens.com/pki/ Non-Critical
Certificate Policies				
Certificate Policies				
OCSF NoCheck				

KBP_Enc_SC_2048_SHA2_ZZZZZA3	FCT_Enc_SC_2048_SHA2_ZZZZZA3	OCSF_SIGNER_P10_SHA2_ZZZZZA3
Policy Encryption (SC) Class Known Business Partner ZZZZZA3 Encryption CN=Siemens Issuing CA EE Enc 2016;OU=Siemens Trust Center;SN=ZZZZZA3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	Policy Encryption (SC) Class Functional Group ZZZZZA3 Encryption CN=Siemens Issuing CA EE Enc 2016;OU=Siemens Trust Center;SN=ZZZZZA3;O=Siemens;L=Muenchen;SP=Bayern;C=DE	Policy (P10) Class OCSF Signer Zertifikate - 12 month Authentication CN=Siemens Issuing CA EE Enc 2016;OU=Siemens Trust Center;SN=ZZZZZA3;O=Siemens;L=Muenchen;SP=Bayern;C=DE
CN O S G SN	CN O SN	CN O C
RSA/SHA256 2048 12 Netscape Certs Centrally Generated Keys no PKCS11	RSA/SHA256 2048 12 Legal Entity Centrally Generated Keys no PKCS11	RSA/SHA256 2048 12 STE Entity Mapping User or system generated Keys no PKCS11
CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA3.crt	CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA3.crt	
CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA3,L=PKI?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA3,L=PKI?cACertificate	
CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA3,o=Trustcenter?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA3,o=Trustcenter?cACertificate	
OCSF Uniform Resource Identifier http://ocsp.pki-services.siemens.com	OCSF Uniform Resource Identifier http://ocsp.pki-services.siemens.com	
Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Email empty Non-Critical	Email empty Non-Critical	
Key encipherment Data encipherment	Key encipherment Data encipherment	Digital Signature
critical	critical	critical
kp-emailProtection Encrypting File System (szOID_EFS_CRYPT0) File Recovery (szOID_EFS_RECOVERY)	kp-emailProtection Encrypting File System (szOID_EFS_CRYPT0) File Recovery (szOID_EFS_RECOVERY)	OCSFSigning
Non-Critical	Non-Critical	Non-Critical
Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA3.crl	Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA3.crl	
Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA3,L=PKI?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA3,L=PKI?certificateRevocationList	
Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA3,o=Trustcenter?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA3,o=Trustcenter?certificateRevocationList	
End Entity critical	End Entity critical	End Entity critical
1.3.6.1.4.1.4329.7.2.2.4.1.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.5 http://www.siemens.com/pki/ Non-Critical
		YES

Name CA	ZZZZZA4			
General	Name	FCT_CS_P12_SHA2_ZZZZZA4	FCT_CS_P12_Mail_SHA2_ZZZZZA4	OCSF_SIGNER_P10_SHA2_ZZZZZA4
	Description	Policy Code Signing Class Functional Group	Policy Code Signing Class Functional Group (Delivery by Mail)	Policy (P10) Class OCSF Signer Zertifikate - 12 month Authentication
	Certificate Type	Code Signing	Code Signing	Code Signing
	Signing CA (DN)	CN=Siemens Issuing CA Intranet Code Signing 2016;OU=Siemens Trust Center;SN=ZZZZZA4;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Intranet Code Signing 2016;OU=Siemens Trust Center;SN=ZZZZZA4;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Intranet Code Signing 2016;OU=Siemens Trust Center;SN=ZZZZZA4;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN O	CN O	CN O C
		SN	SN	
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
	Validity Period	36	36	12
	Publisher Mapping	Code Signing Mapping	Code Signing Mapping	STE Entity Mapping
	Key Type	Centrally Generated Keys	Centrally Generated Keys	User or system generated Keys
	Delivery by Email (PKCS1	no	yes	no
		PKCS12	PKCS12	PKCS11
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ah.siemens.com/pki/ZZZZZA4.crt	http://ah.siemens.com/pki/ZZZZZA4.crt	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.net/CN=ZZZZZA4,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA4,L=PKI?cACertificate	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.com/CN=ZZZZZA4,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA4,o=Trustcenter?cACertificate	
Authority Information Access	Method:	OCSF	OCSF	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	Other Name	Other Name	
	Value	User Principal Name	User Principal Name	
		empty	empty	
Subject Alternative Name	Type	email address	email address	
	Value	empty	empty	
		Non-Critical	Non-Critical	
Key Usage		Digital Signature	Digital Signature	Digital Signature
		critical	critical	critical
Extended Key Usage		kp-codeSigning	kp-codeSigning	OCSFSigning
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ch.siemens.com/pki/ZZZZZA4.crl	http://ch.siemens.com/pki/ZZZZZA4.crl	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.net/CN=ZZZZZA4,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA4,L=PKI?certificateRevocationList	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.com/CN=ZZZZZA4,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA4,o=Trustcenter?certificateRevocationList	
Basic Constraints		End Entity	End Entity	End Entity
		critical	critical	critical
Certificate Policies	Siemens Public Key Infras	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	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/
		Non-Critical	Non-Critical	Non-Critical
Certificate Policies				
Certificate Policies				
OCSF NoCheck				YES

Name CA		ZZZZZA5	
General	Name	GBP_Auth_Enc_P12_MP_SHA2_ZZZZZA5	OCSP_SIGNER_P10_SHA2_ZZZZZA5
	Description	Policy Multipurpose (P12) Class Siemens General Business Partner from MP CA	Policy (P10) Class OCSP Signer Zertifikate - 12 month
	Certificate Type	Multi-purpose	Authentication
	Signing CA (DN)	CN=Siemens Issuing CA Multi Purpose 2016;OU=Siemens Trust Center;SN=ZZZZZA5;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Multi Purpose 2016;OU=Siemens Trust Center;SN=ZZZZZA5;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN O C	CN O C
		SN	
Options	Algorithym used	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048
	Validity Period	12	12
	Publisher Mapping	MP GBP Mapping	STE Entity Mapping
	Key Type	Centrally Generated Keys	User or system generated Keys
	Delivery by Email (PKCS11: no	PKCS12	no
			PKCS11
Authority Information Access	Method:	CA Issuers	
	Type:	Uniform Resource Identifier	
	Value:	http://ah.siemens.com/pki?ZZZZZA5.crt	
Authority Information Access	Method:	CA Issuers	
	Type:	Uniform Resource Identifier	
	Value:	ldap://al.siemens.net/CN=ZZZZZA5,L=PKI?cACertificate	
Authority Information Access	Method:	CA Issuers	
	Type:	Uniform Resource Identifier	
	Value:	ldap://al.siemens.com/CN=ZZZZZA5,o=Trustcenter?cACertificate	
Authority Information Access	Method:	OCSP	
	Type:	Uniform Resource Identifier	
	Value:	http://ocsp.pki-services.siemens.com	
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	email address	
	Value	empty	
		Non-Critical	
Subject Alternative Name	Type		
	Value		
Key Usage		Digital Signature Key encipherment Data encipherment	Digital Signature
		critical	critical
Extended Key Usage		kp-ClientAuth kp-emailProtection	OCSPSigning
		Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	
	Value:	http://ch.siemens.com/pki?ZZZZZA5.crl	
CRL Distribution Point	Type:	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.net/CN=ZZZZZA5,L=PKI?certificateRevocationList	
CRL Distribution Point	Type:	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.com/CN=ZZZZZA5,o=Trustcenter?certificateRevocationList	
Basic Constraints		End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infras	1.3.6.1.4.1.4329.7.2.2.4.2.3	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/
		Non-Critical	Non-Critical
Certificate Policies			
Certificate Policies			
Certificate Policies			
OCSP NoCheck			YES

Name CA		ZZZZZA6		
General	Name	FCT_Auth_P12_SHA2_ZZZZZA6	FCT_Auth_P12_MAIL_SHA2_ZZZZZA6	AR_FCT_Auth_P12_SHA2_ZZZZZA6
	Description	Policy Soft Authentication (P12) Class Siemens Functional Group from MSA CA	Policy Soft Authentication (P12) Class Siemens Functional Group from MSA CA - Mail	Policy Soft Authentication (P12) Class Siemens Functional Group from MSA CA - Aufsichtsrat
	Certificate Type	Soft Authentication	Soft Authentication	Sonderloesung Soft Authentication
	Signing CA (DN)	CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN O	CN O	CN O
		SN	SN	SN
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
	Validity Period	12	12	36
	Publisher Mapping	Authentication Legal	Authentication Legal	Authentication Legal
	Key Type	Centrally Generated Keys	Centrally Generated Keys	Centrally Generated Keys
	Delivery by Email (PKCS1: no PKCS12)	yes	yes	no
		PKCS12	PKCS12	PKCS12
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ah.siemens.com/pki?ZZZZZA6.crt	http://ah.siemens.com/pki?ZZZZZA6.crt	http://ah.siemens.com/pki?ZZZZZA6.crt
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.net/CN=ZZZZZA6,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA6,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA6,L=PKI?cACertificate
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.com/CN=ZZZZZA6,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA6,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA6,o=Trustcenter?cACertificate
Authority Information Access	Method:	OCSF	OCSF	OCSF
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	Other Name	Other Name	Other Name
	Value	User Principal Name empty	User Principal Name empty	User Principal Name empty
Subject Alternative Name	Type	email address	email address	email address
	Value	empty Non-Critical	empty Non-Critical	empty Non-Critical
Key Usage		Digital Signature	Digital Signature	Digital Signature
		critical	critical	critical
Extended Key Usage		kp-ClientAuth kp-emailProtection	kp-ClientAuth kp-emailProtection	kp-ClientAuth kp-emailProtection
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ch.siemens.com/pki?ZZZZZA6.crl	http://ch.siemens.com/pki?ZZZZZA6.crl	http://ch.siemens.com/pki?ZZZZZA6.crl
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.net/CN=ZZZZZA6,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA6,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA6,L=PKI?certificateRevocationList
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.com/CN=ZZZZZA6,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA6,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA6,o=Trustcenter?certificateRevocationList
Basic Constraints		End Entity critical	End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infras CPS URI	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical
Certificate Policies				
Certificate Policies				
OCSF NoCheck				

SMA_Auth_P12_SHA2_ZZZZZA6	SMA_Auth_P12_MAIL_SHA2_ZZZZZA6	KBP_Auth_P12_SHA2_ZZZZZA6	KBP_Auth_P12_MAIL_SHA2_ZZZZZA6
Policy Soft Authentication (P12) Class Siemens Mitarbeiter from MSA CA Soft Authentication	Policy Soft Authentication (P12) Class Siemens Mitarbeiter from MSA CA Soft Authentication	Policy Soft Authentication (P12) Class Siemens KBP from MSA CA Soft Authentication	Policy Soft Authentication (P12) Class Siemens KBP from MSA CA - Mail Soft Authentication
CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE
CN O S G SN	CN O S G SN	CN O S G SN	CN O S G SN
RSA/SHA256 2048 36 EFS Mapping Centrally Generated Keys no PKCS12	RSA/SHA256 2048 36 EFS Mapping Centrally Generated Keys yes PKCS12	RSA/SHA256 2048 12 EFS Mapping Centrally Generated Keys no PKCS12	RSA/SHA256 2048 12 EFS Mapping Centrally Generated Keys yes PKCS12
CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA6.crt	CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA6.crt	CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA6.crt	CA Issuers Uniform Resource Identifier http://ah.siemens.com/pki?ZZZZZA6.crt
CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA6,L=PKI?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA6,L=PKI?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA6,L=PKI?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.net/CN=ZZZZZA6,L=PKI?cACertificate
CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA6,o=Trustcenter?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA6,o=Trustcenter?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA6,o=Trustcenter?cACertificate	CA Issuers Uniform Resource Identifier ldap://al.siemens.com/CN=ZZZZZA6,o=Trustcenter?cACertificate
OCS Uniform Resource Identifier http://ocsp.pki-services.siemens.com	OCS Uniform Resource Identifier http://ocsp.pki-services.siemens.com	OCS Uniform Resource Identifier http://ocsp.pki-services.siemens.com	OCS Uniform Resource Identifier http://ocsp.pki-services.siemens.com
Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Other Name User Principal Name empty	Other Name User Principal Name empty	Other Name User Principal Name empty	Other Name User Principal Name empty
email address empty Non-Critical	email address empty Non-Critical	email address empty Non-Critical	email address empty Non-Critical
Digital Signature	Digital Signature	Digital Signature	Digital Signature
critical	critical	critical	critical
kp-ClientAuth kp-emailProtection	kp-ClientAuth kp-emailProtection	kp-ClientAuth kp-emailProtection	kp-ClientAuth kp-emailProtection
Non-Critical	Non-Critical	Non-Critical	Non-Critical
Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA6.crl	Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA6.crl	Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA6.crl	Uniform Resource Identifier http://ch.siemens.com/pki?ZZZZZA6.crl
Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA6,L=PKI?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA6,L=PKI?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA6,L=PKI?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.net/CN=ZZZZZA6,L=PKI?certificateRevocationList
Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA6,o=Trustcenter?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA6,o=Trustcenter?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA6,o=Trustcenter?certificateRevocationList	Uniform Resource Identifier ldap://cl.siemens.com/CN=ZZZZZA6,o=Trustcenter?certificateRevocationList
End Entity critical	End Entity critical	End Entity critical	End Entity critical
1.3.6.1.4.1.4329.7.2.2.3.1.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.1.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.4.1.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.4.1.3 http://www.siemens.com/pki/ Non-Critical

OCSP_SIGNER_P10_SHA2_ZZZZZA6

Policy (P10) Class OCSP Signer Zertifikate - 12 month Authentication

CN=Siemens Issuing CA Medium Strength Authentication 2016;OU=Siemens Trust Center;SN=ZZZZZA6;O=Siemens;L=Muenchen;SP=Bayern;C=DE

CN
O
C

RSA/SHA256
2048
12
STE Entity Mapping
User or system generated Keys
no
PKCS11

Include Authority Key Identifier

Include Subject Key Identifier

Digital Signature

critical

OCSPSigning

Non-Critical

End Entity
critical

1.3.6.1.4.1.4329.7.2.5
<http://www.siemens.com/pki/>
Non-Critical

YES

Name CA		ZZZZZA7		
General	Name	SERVER_INTRANET_24M_SHA2_ZZZZZA7	SERVER_Auth_P12_SHA2_ZZZZZA7	OCSF_SIGNER_P10_SHA2_ZZZZZA7
	Description	Policy (P10) Class Server Intranet Zertifikate - 24 month Server	Policy (P12) Class ZZZZZY7-Server Zertifikate Server	Policy (P10) Class OCSF Signer Zertifikate - 12 month Authentication
Subject DN	Certificate Type	CN=Siemens Issuing CA Intranet Server 2016;OU=Siemens Trust Center;SN=ZZZZZA7;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Intranet Server 2016;OU=Siemens Trust Center;SN=ZZZZZA7;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Intranet Server 2016;OU=Siemens Trust Center;SN=ZZZZZA7;O=Siemens;L=Muenchen;SP=Bayern;C=DE
	Signing CA (DN)			
Options	Algorithm used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
Authority Information Access	Validity Period	24	12	12
	Publisher Mapping	STE Entity Mapping	STE Entity Mapping	STE Entity Mapping
	Key Type	User or system generated Keys	Centrally Generated Keys	User or system generated Keys
	Delivery by Email (PKCS1)	no	no	no
	PKCS11	PKCS11	PKCS12	PKCS11
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
Authority Information Access	Value:	http://ah.siemens.com/pki/ZZZZZA7.crt	http://ah.siemens.com/pki/ZZZZZA7.crt	
	Method:	CA Issuers	CA Issuers	
Authority Information Access	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.net/CN=ZZZZZA7,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA7,L=PKI?cACertificate	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
Authority Information Access	Value:	ldap://al.siemens.com/CN=ZZZZZA7,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA7,o=Trustcenter?cACertificate	
	Method:	OCSF	OCSF	
Authority Information Access	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	DNS Name	DNS Name	
	Value	empty	empty	
Subject Alternative Name	Type			
	Value			
Key Usage		Digital Signature	Digital Signature	Digital Signature
		Key encipherment	Key encipherment	
Extended Key Usage		critical	critical	critical
Extended Key Usage		kp-ServerAuth	kp-ServerAuth	OCSFSigning
		kp-ClientAuth	kp-ClientAuth	
CRL Distribution Point		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ch.siemens.com/pki/ZZZZZA7.crl	http://ch.siemens.com/pki/ZZZZZA7.crl	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.net/CN=ZZZZZA7,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA7,L=PKI?certificateRevocationList	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.com/CN=ZZZZZA7,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA7,o=Trustcenter?certificateRevocationList	
Basic Constraints		End Entity	End Entity	End Entity
		critical	critical	critical
Certificate Policies	Siemens Public Key Infras	1.3.6.1.4.1.4329.7.2.4	1.3.6.1.4.1.4329.7.2.4	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/Non-Critical	http://www.siemens.com/pki/Non-Critical	http://www.siemens.com/pki/Non-Critical
Certificate Policies				
Certificate Policies				
Certificate Policies				
OCSF NoCheck				YES

Name CA	ZZZZZA8			
General	Name	FCT_CS_P12_SHA2_ZZZZZA8	FCT_CS_P12_Mail_SHA2_ZZZZZA8	OCSF_SIGNER_P10_SHA2_ZZZZZA8
	Description	Policy Internet Code Signing Class Functional Group	Policy Internet Code Signing Class Functional Group Mail	Policy (P10) Class OCSF Signer Zertifikate - 12 month Authentication
	Certificate Type	Code Signing	Code Signing	Code Signing
	Signing CA (DN)	CN=Siemens Issuing CA Internet Code Signing 2016;OU=Siemens Trust Center;SN=ZZZZZA8;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Internet Code Signing 2016;OU=Siemens Trust Center;SN=ZZZZZA8;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Internet Code Signing 2016;OU=Siemens Trust Center;SN=ZZZZZA8;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN SN O L SP C	CN SN O L SP C	CN O C
Options	Algorithym used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
	Validity Period	36	36	12
	Publisher Mapping	Code Signing Mapping	Code Signing Mapping	STE Entity Mapping
	Key Type	Centrally Generated Keys	Centrally Generated Keys	User or system generated Keys
	Delivery by Email (PKCS1 no PKCS12)	no	yes	no
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ah.siemens.com/pki/ZZZZZA8.crt	http://ah.siemens.com/pki/ZZZZZA8.crt	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.net/CN=ZZZZZA8,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZA8,L=PKI?cACertificate	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.com/CN=ZZZZZA8,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZA8,o=Trustcenter?cACertificate	
Authority Information Access	Method:	OCSF	OCSF	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	Other Name	Other Name	
	Value	User Principal Name empty	User Principal Name empty	
Subject Alternative Name	Type	email address	email address	
	Value	empty Non-Critical	empty Non-Critical	
Key Usage		Digital Signature	Digital Signature	Digital Signature
		critical	critical	critical
Extended Key Usage		kp-codeSigning	kp-codeSigning	OCSFSigning
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ch.siemens.com/pki/ZZZZZA8.crl	http://ch.siemens.com/pki/ZZZZZA8.crl	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.net/CN=ZZZZZA8,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZA8,L=PKI?certificateRevocationList	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.com/CN=ZZZZZA8,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZA8,o=Trustcenter?certificateRevocationList	
Basic Constraints		End Entity critical	End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infras	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	1.3.6.1.4.1.4329.7.2.5
	CPS URI	http://www.siemens.com/pki/Non-Critical	http://www.siemens.com/pki/Non-Critical	http://www.siemens.com/pki/Non-Critical
Certificate Policies	QuoVadis OID assigned to	1.3.6.1.4.1.8024.0.2.1800.0	1.3.6.1.4.1.8024.0.2.1800.0	
	CPS URI	http://www.quovadisglobal.com/repository	http://www.quovadisglobal.com/repository	weitere Polices weggelassen da es kein CS Zertifikat ist
Certificate Policies	MS non EV Policy	2.23.140.1.4	2.23.140.1.4	
OCSF NoCheck				YES

Name CA		ZZZZZZA9		
General	Name	SERVER_INTERNET_24M_SHA2_ZZZZZA9	SERVER_Auth_P12_SHA2_ZZZZZA9	SERVER_INTERNET_CertBox_SHA2_ZZZZZA9
	Description	Policy (P10) Class Server Internet Zertifikate - 24 month	Policy (P12) Class Internet Server Zertifikate	Policy (P12) Class Internet Server Zertifikate - SAN Certbox
	Certificate Type	Server	Server	Server
	Signing CA (DN)	CN=Siemens Issuing CA Internet Server 2016;OU=Siemens Trust Center;SN=ZZZZZZA9;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Internet Server 2016;OU=Siemens Trust Center;SN=ZZZZZZA9;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA Internet Server 2016;OU=Siemens Trust Center;SN=ZZZZZZA9;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN OU O L SP C	CN OU O L SP C	CN OU O L SP C
Options	Algorithm used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
	Validity Period	24	12	12
	Publisher Mapping	SSL 2016 Entity Mapping	SSL 2016 Entity Mapping	SSL 2016 Entity Mapping
	Key Type	User or system generated Keys	Centrally Generated Keys	Centrally Generated Keys
	Delivery by Email (PKCS12;no PKCS11)	no	no	no
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ah.siemens.com/pki?ZZZZZZA9.crt	http://ah.siemens.com/pki?ZZZZZZA9.crt	http://ah.siemens.com/pki?ZZZZZZA9.crt
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.net/CN=ZZZZZZA9,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZA9,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZZA9,L=PKI?cACertificate
Authority Information Access	Method:	CA Issuers	CA Issuers	CA Issuers
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://al.siemens.com/CN=ZZZZZZA9,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZA9,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZZA9,o=Trustcenter?cACertificate
Authority Information Access	Method:	OCSF	OCSF	OCSF
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	DNS Name	DNS Name	DNS Name
	Value	empty	empty	directorybroker.pki-services.siemens.com cl.siemens.com al.siemens.com ail.siemens.com crl.siemens.com inbound-broker.siemens.com outbound-broker.siemens.com DEMCHDC3GYX.dc4ca.siemens.de DEMCHDC3GX.dc4ca.siemens.de
Subject Alternative Name	Type			
	Value			
Key Usage		Digital Signature Key encipherment	Digital Signature Key encipherment	Digital Signature Key encipherment
		critical	critical	critical
Extended Key Usage		kp-ServerAuth kp-ClientAuth	kp-ServerAuth kp-ClientAuth	kp-ServerAuth kp-ClientAuth
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	http://ch.siemens.com/pki?ZZZZZZA9.crl	http://ch.siemens.com/pki?ZZZZZZA9.crl	http://ch.siemens.com/pki?ZZZZZZA9.crl
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.net/CN=ZZZZZZA9,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZA9,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZZA9,L=PKI?certificateRevocationList
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	Uniform Resource Identifier
	Value:	ldap://cl.siemens.com/CN=ZZZZZZA9,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZA9,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZZA9,o=Trustcenter?certificateRevocationList
Basic Constraints		End Entity critical	End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infrastr	1.3.6.1.4.1.4329.7.2.4	1.3.6.1.4.1.4329.7.2.4	1.3.6.1.4.1.4329.7.2.4
	CPS URI	http://www.siemens.com/pki/	http://www.siemens.com/pki/	http://www.siemens.com/pki/
		Non-Critical	Non-Critical	Non-Critical
Certificate Policies	QuoVadis OID assigned to	1.3.6.1.4.1.8024.0.2.1800.0	1.3.6.1.4.1.8024.0.2.1800.0	1.3.6.1.4.1.8024.0.2.1800.0
	CPS URI	http://www.quovadisglobal.com/repository	http://www.quovadisglobal.com/repository	http://www.quovadisglobal.com/repository
Certificate Policies	OV Certificates	2.23.140.1.2.2	2.23.140.1.2.2	2.23.140.1.2.2
OCSF NoCheck				

OCSF_SIGNER_P10_SHA2_ZZZZZZA9
Policy (P10) Class OCSF Signer Zertifikate - 12 month
Authentication
CN=Siemens Issuing CA Internet Server 2016;OU=Siemens Trust
Center;SN=ZZZZZA9;O=Siemens;L=Muenchen;SP=Bayern;C=DE

CN
O
C

RSA/SHA256
2048
12
STE Entity Mapping
User or system generated Keys
no
PKCS11

Include Authority Key Identifier
Include Subject Key Identifier

Digital Signature

critical

OCSFSigning

Non-Critical

End Entity
critical

1.3.6.1.4.1.4329.7.2.5
<http://www.siemens.com/pki/>
Non-Critical
weitere Policies weggelassen da es kein SSL Zertifikat ist

YES

Name CA		ZZZZZAB		
General	Name	FCT_APP_AUTH_1_P12_SHA2_ZZZZZAB	FCT_APP_AUTH_2_P12_SHA2_ZZZZZAB	OCSF_SIGNER_P10_SHA2_ZZZZZAB
	Description	Policy Authentication (P12) Class Siemens MSA Impersonalized Entities App1	Policy Authentication (P12) Class Siemens MSA Impersonalized Entities App2	Policy (P10) Class OCSF Signer Zertifikate - 12 month
	Certificate Type	APP_AUTH_1	APP_AUTH_2	Authentication
	Signing CA (DN)	CN=Siemens Issuing CA MSA Impersonalized Entities 2016;OU=Siemens Trust Center;SN=ZZZZZAB;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA MSA Impersonalized Entities 2016;OU=Siemens Trust Center;SN=ZZZZZAB;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA MSA Impersonalized Entities 2016;OU=Siemens Trust Center;SN=ZZZZZAB;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN O	CN O	CN O C
		SN	SN	
Options	Algorithm used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Length	2048	2048	2048
	Validity Period	12	12	12
	Publisher Mapping	Authentication Legal	Authentication Legal	STE Entity Mapping
	Key Type	Centrally Generated Keys	Centrally Generated Keys	User or system generated Keys
	Delivery by Email (PKCS1: no PKCS12)	no PKCS12	no PKCS12	no PKCS11
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ah.siemens.com/pki/ZZZZZAB.crt	http://ah.siemens.com/pki/ZZZZZAB.crt	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.net/CN=ZZZZZAB,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZAB,L=PKI?cACertificate	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.com/CN=ZZZZZAB,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZAB,o=Trustcenter?cACertificate	
Authority Information Access	Method:	OCSF	OCSF	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	Other Name	Other Name	
	Value	User Principal Name empty	User Principal Name empty	
Subject Alternative Name	Type	email address	email address	
	Value	empty Non-Critical	empty Non-Critical	
Key Usage		Digital Signature	Digital Signature	Digital Signature
		critical	critical	critical
Extended Key Usage		kp-ClientAuth	kp-ClientAuth	OCSFSigning
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ch.siemens.com/pki/ZZZZZAB.crl	http://ch.siemens.com/pki/ZZZZZAB.crl	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.net/CN=ZZZZZAB,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZAB,L=PKI?certificateRevocationList	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.com/CN=ZZZZZAB,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZAB,o=Trustcenter?certificateRevocationList	
Basic Constraints		End Entity critical	End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infra CPS URI	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.2.3.2.3 http://www.siemens.com/pki/ Non-Critical	1.3.6.1.4.1.4329.7.2.5 http://www.siemens.com/pki/ Non-Critical
Certificate Policies				
Certificate Policies				
OCSF NoCheck				YES

Name CA	ZZZZZAD			
General	Name	SMA_Auth_NSC_2048_SHA2_ZZZZZAD	KBP_Auth_NSC_2048_SHA2_ZZZZZAD	OCSP_SIGNER_P10_SHA2_ZZZZZAD
	Description	Policy Authentication (Network SC) Class Siemens Mitarbeiter	Policy Authentication (Network SC) Class Siemens KBP	Policy (P10) Class OCSP Signer Zertifikate - 12 month
	Certificate Type	NSC Authentication	NSC Authentication	Authentication
	Signing CA (DN)	CN=Siemens Issuing CA EE Network Smartcard Auth 2016;OU=Siemens Trust Center;SN=ZZZZZAD;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Network Smartcard Auth 2016;OU=Siemens Trust Center;SN=ZZZZZAD;O=Siemens;L=Muenchen;SP=Bayern;C=DE	CN=Siemens Issuing CA EE Network Smartcard Auth 2016;OU=Siemens Trust Center;SN=ZZZZZAD;O=Siemens;L=Muenchen;SP=Bayern;C=DE
Subject DN	DN	CN O S G SN	CN O S G SN	CN O C
Options	Algorhytm used	RSA/SHA256	RSA/SHA256	RSA/SHA256
	Key Lenth	2048	2048	2048
	Validity Period	36	12	12
	Publisher Mapping	Authentication Person	Authentication Person	STE Entity Mapping
	Key Type	User or system generated Keys	User or system generated Keys	User or system generated Keys
	Delivery by Email (PKCS12)	no	no	no
		PKCS11	PKCS11	PKCS11
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ah.siemens.com/pki/ZZZZZAD.crt	http://ah.siemens.com/pki/ZZZZZAD.crt	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.net/CN=ZZZZZAD,L=PKI?cACertificate	ldap://al.siemens.net/CN=ZZZZZAD,L=PKI?cACertificate	
Authority Information Access	Method:	CA Issuers	CA Issuers	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://al.siemens.com/CN=ZZZZZAD,o=Trustcenter?cACertificate	ldap://al.siemens.com/CN=ZZZZZAD,o=Trustcenter?cACertificate	
Authority Information Access	Method:	OCSP	OCSP	
	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ocsp.pki-services.siemens.com	http://ocsp.pki-services.siemens.com	
Authority Key Identifier		Include Authority Key Identifier	Include Authority Key Identifier	Include Authority Key Identifier
Subject Key Identifier		Include Subject Key Identifier	Include Subject Key Identifier	Include Subject Key Identifier
Subject Alternative Name	Type	Other Name	Other Name	
	Value	User Principal Name empty	User Principal Name empty	
Subject Alternative Name	Type	Email	Email	
	Value	empty Non-Critical	empty Non-Critical	
Key Usage		Digital Signature	Digital Signature	Digital Signature
		critical	critical	critical
Extended Key Usage		kp-ClientAuth kp-emailProtection SmartCard Logon	kp-ClientAuth kp-emailProtection SmartCard Logon	OCSPSigning
		Non-Critical	Non-Critical	Non-Critical
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	http://ch.siemens.com/pki/ZZZZZAD.crl	http://ch.siemens.com/pki/ZZZZZAD.crl	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.net/CN=ZZZZZAD,L=PKI?certificateRevocationList	ldap://cl.siemens.net/CN=ZZZZZAD,L=PKI?certificateRevocationList	
CRL Distribution Point	Type:	Uniform Resource Identifier	Uniform Resource Identifier	
	Value:	ldap://cl.siemens.com/CN=ZZZZZAD,o=Trustcenter?certificateRevocationList	ldap://cl.siemens.com/CN=ZZZZZAD,o=Trustcenter?certificateRevocationList	
Basic Constraints		End Entity critical	End Entity critical	End Entity critical
Certificate Policies	Siemens Public Key Infrac	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/pkil Non-Critical	http://www.siemens.com/pkil Non-Critical	http://www.siemens.com/pkil Non-Critical
Certificate Policies				
Certificate Policies				
OCSP NoCheck				YES