



# TC TrustCenter

  

## TC Enterprise ID Certificate Profiles

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## 1 Certificate Profiles

This document describes the certificate hierarchy and the profile of the certificates.

Please note that in the following sections the following fields are always written to refer to the “XI” Sub-CA certificate:

- Issuer
- AuthorityInfoAccess caIssuers URL
- AuthorityInfoAccess OCSP URL
- CRLDistributionPoint

The “XI” has to be replaced by the appropriate roman number depending on the Sub-CA certificate being used.

<p><b>Note:</b> Not all certificate profiles and not all certificate validity periods are supported by AutoEnrollment or by API enrollment. Please refer to the statement of service document for the list of certificate templates available for AutoEnrollment.</p>
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### 1.1 “TC Business ID Demo, 30 days”

This certificate profile is to be used for demonstration purposes only. The certificates are chained to the TC Class 1 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 1 L1 CA IX	PrintableString
	OU	TC TrustCenter Class 1 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 30 days		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.1 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt">http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de">http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl">http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.1.1 Version=<according to current configuration, e.g. 100.1>

## 1.2 “TC Business ID Demo, recoverable, 30 days”

This certificate profile is to be used for demonstration purposes only. The certificates are chained to the TC Class 1 CA.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 1 L1 CA IX	PrintableString
	OU	TC TrustCenter Class 1 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 30 days		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	2048 bit RSA		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.1 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt">http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de">http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl">http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.2.1 Version=<according to current configuration, e.g. 100.1>



### 1.3 “TC Client Computer ID Demo, 30 days”

This certificate profile is to be used for demonstration purposes only. The certificates are chained to the TC Class 1 CA.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 1 L1 CA IX	PrintableString
	OU	TC TrustCenter Class 1 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 30 days		
Subject	Attribute	Value	Encoding
	CN	Name of client computer	PrintableString
	OU	<as specified in request>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
	DC	<as specified in request>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	Digital Signature, Key Encipherment
extKeyUsage	no	1.3.6.1.5.5.7.3.2 (Client Authentication)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.1 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	DNS-Name=<FQDN as specified in request>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt">http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de">http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl">http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.18.1.0 Version=<according to current configuration, e.g. 100.1>

## 1.4 “TC Business ID for Adobe Demo

This certificate profile is to be used for demonstration purposes only. The certificates are chained to the CDS Root. A flag in the certificate causes a warning message box to appear whenever a PDF signed with this certificate is being opened.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter CA for Adobe I	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 30 days		
Subject	Attribute	Value	Encoding
	CN	TEST	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	2048 bit RSA		



<b>Extension</b>	<b>Crit.</b>	<b>Value</b>
basicConstraints	yes	cA: FALSE
keyUsage	yes	Non-repudiation, digital signature
extKeyUsage	no	PDF Signature (1.2.840.113583.1.1.5)
certificatePolicies	no	[1] Policy-OID 1.2.840.113583.1.2.2 cPSuri = <a href="http://www.trustcenter.de/cps">http://www.trustcenter.de/cps</a>
subjectAltNames	no	rfc822-Name = <Email Address>
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.l.adobe-cds.trustcenter.de">http://ocsp.l.adobe-cds.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://www.trustcenter.de/crl/v2/tc_ca_for_adobe_l.crl">http://www.trustcenter.de/crl/v2/tc_ca_for_adobe_l.crl</a>
Archive Revocation Info	no	True
TimeStamp URL	no	<a href="http://tss.l.adobe-cds.trustcenter.de">tss.l.adobe-cds.trustcenter.de</a>



### 1.5 “TC Trust SSL Demo, 30 days”

This certificate profile is to be used for demonstration purposes only. The certificates are chained to the TC Class 0 Root. This root certificate is not pre-installed in popular web browsers and can be downloaded from the TC TrustCenter [homepage](#).

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	Email	certificate@trustcenter.de	PrintableString
	OU	TC TrustCenter Class 0 CA	PrintableString
	O	TC TrustCenter AG	PrintableString
	L	Hamburg	PrintableString
	SP	Hamburg	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 30 days		
Subject	Attribute	Value	Encoding
	CN	<FQDN of the SSL server as specified in request>	PrintableString
	OU	<as specified in request>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment
extKeyUsage	no	1.3.6.1.5.5.7.3.1 (Server Authentication) 1.3.6.1.5.5.7.3.2 (Client Authentication)
netscapeCertificateType	no	SSL-Client Authentication SSL-Server-Authentication
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.0 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tcclass0.crt">http://www.trustcenter.de/certservices/cacerts/tcclass0.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.tcclass0.trustcenter.de">http://ocsp.tcclass0.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://www.trustcenter.de/crl/v2/tcclass0.crl">http://www.trustcenter.de/crl/v2/tcclass0.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.16.1 Version=<according to current configuration, e.g. 100.1>



### 1.6 “TC Personal ID, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for real applications. The certificates are chained to the TC Class 1 Root. The certificate will have no Organization-field in the subject-DN, they are intended for external partners or contractors.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 1 L1 CA IX	PrintableString
	OU	TC TrustCenter Class 1 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.1 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt">http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de">http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl">http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.12.1.1 Version=<according to current configuration, e.g. 100.1>



### 1.7 “TC Business ID, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for real applications. It is not recoverable. The certificates are chained to the TC Class 2 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.3.1 Version=<according to current configuration, e.g. 100.1>



### 1.8 “TC Business ID, recoverable, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for real applications. The certificates are chained to the TC Class 2 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	2048 bit RSA		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.4.1 Version=<according to current configuration, e.g. 100.1>



### 1.9 “TC Business ID, sign+auth, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for signature and authentication applications. The certificates are chained to the TC Class 2 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.3.2 Version=<according to current configuration, e.g. 100.1>



### 1.10 “TC Business ID, sign, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for signature applications. The certificates are chained to the TC Class 2 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user >	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation
extKeyUsage	no	emailProtection (1.3.6.1.5.5.7.3.4)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.3.4 Version=<according to current configuration, e.g. 100.1>



### 1.11 “TC Business ID, auth, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for authentication applications. The certificates are chained to the TC Class 2 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	<b>Attribute</b>	<b>Value</b>	<b>Encoding</b>
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	<b>Attribute</b>	<b>Value</b>	<b>Encoding</b>
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.3.5 Version=<according to current configuration, e.g. 100.1>



### 1.12 “TC Business ID, recoverable enc, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for encryption and decryption applications, e.g. email encryption. The certificates are chained to the TC Class 2 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	2048 bit RSA		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	keyEncipherment, dataEncipherment
extKeyUsage	no	emailProtection (1.3.6.1.5.5.7.3.4) Encrypting File System (1.3.6.1.4.1.311.10.3.4)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.13.4.3 Version=<according to current configuration, e.g. 100.1>



### 1.13 “TC Business ID for Adobe, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for PDF signature only. The certificates are chained to the CDS Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter CA for Adobe I	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	2048 bit RSA		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	Non-repudiation, digital signature
extKeyUsage	no	PDF Signature (1.2.840.113583.1.1.5)
certificatePolicies	no	[1] Policy-OID 1.2.840.113583.1.2.1 cPSuri = <a href="http://www.trustcenter.de/cps">http://www.trustcenter.de/cps</a>
subjectAltNames	no	rfc822-Name = <Email Address>
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.l.adobe-cds.trustcenter.de">http://ocsp.l.adobe-cds.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://www.trustcenter.de/crl/v2/tc_ca_for_adobe_l.crl">http://www.trustcenter.de/crl/v2/tc_ca_for_adobe_l.crl</a>
Archive Revocation Info	no	True
TimeStamp URL	no	<a href="http://tss.l.adobe-cds.trustcenter.de">tss.l.adobe-cds.trustcenter.de</a>



### 1.14 “TC Enrollment Agent ID, 1yr”; 2 yrs or 3 yrs

This certificate profile is to be used for enrollment agents. The certificates are chained to the TC Class 2 Root.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<according to GivenName + Surname of the User>	PrintableString
	OU	<according to Organisation Unit of the User>	PrintableString
	Serial-Number	<according to External ID of the User>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) MS SmartCardLogon (1.3.6.1.4.1.311.20.2.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7) Certificate Request Agent (1.3.6.1.4.1.311.20.2.1)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Other Name / UPN (1.3.6.1.4.1.311.20.2.3) = <Windows User Login Name (User Principal Name)> rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.14.1.1 Version=<according to current configuration, e.g. 100.1>



### 1.15 “TC Domain Controller ID, 1yr”; 2 yrs or 3 yrs

In order to setup smart card logon the domain controller must be equipped with this type of certificate.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	<b>Attribute</b>	<b>Value</b>	<b>Encoding</b>
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	<b>Attribute</b>	<b>Value</b>	<b>Encoding</b>
	CN	Name of domain controller	PrintableString
	OU	<as specified>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
	DC	<as specified in request>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	Digital Signature, Key Encipherment
extKeyUsage	no	1.3.6.1.5.5.7.3.1 (Server Authentication) 1.3.6.1.5.5.7.3.2 (Client Authentication) 1.3.6.1.4.1.311.20.2.2 (Smart Card Logon)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	DNS-Name=<FQDN as specified in request> RFC822-Name=<as specified in request> GUID[1.3.6.1.4.1.311.25.1] = <as specified in request>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	TemplateName (1.3.6.1.4.1.311.20.2) = „DomainController“ (BMPString)
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.17.1 Version=<according to current configuration, e.g. 100.1>

## 1.16 “TC RAS and IAS Server ID, 1yr”; 2 yrs or 3 yrs

This certificate is intended for IAS and RAS servers.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	Name of RAS and IAS server	PrintableString
	OU	<as specified>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
	DC	<as specified in request>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	Digital Signature, Key Encipherment
extKeyUsage	no	1.3.6.1.5.5.7.3.1 (Server Authentication) 1.3.6.1.5.5.7.3.2 (Client Authentication)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	DNS-Name=<FQDN as specified in request>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.17.2 Version=<according to current configuration, e.g. 100.1>

### 1.17 “TC Client Computer ID, 1yr”; 2 yrs or 3 yrs

This certificate is intended to be used for machine authentication.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	Name of client computer	PrintableString
	OU	<as specified in request>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
	DC	<as specified in request>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	Digital Signature, Key Encipherment
extKeyUsage	no	1.3.6.1.5.5.7.3.2 (Client Authentication)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	DNS-Name=<FQDN as specified in request>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1.18.1 Version=<according to current configuration, e.g. 100.1>



### 1.18 “TC Team Certificate, 1yr”; 2yrs or 3yrs

Team certificate are intended to be shared among several members of a team as opposed to be exclusively used by the “Certificate Owner” like the TC Business ID.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<Team name according to request> + “Team Certificate”	PrintableString
	OU	<as specified in request>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	clientAuth (1.3.6.1.5.5.7.3.2) emailProtection (1.3.6.1.5.5.7.3.4) IPsec User (1.3.6.1.5.5.7.3.7)
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	rfc822-Name = <Email Address>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	<a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a>
certificateTemplate-Information	no	Extension is only present if AutoEnrollment has been used to request the certificate. Template OID= 1.2.276.0.44.5.1..15.1.1 Version=<according to current configuration, e.g. 100.1>



### 1.19 “TC Trust SSL, 1yr”; 2 yrs or 3yrs

This certificate product is intended to be used by SSL servers.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<FQDN of the SSL server as specified in request>	PrintableString
	OU	<as specified in request>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	1.3.6.1.5.5.7.3.1 (Server Authentication) 1.3.6.1.5.5.7.3.2 (Client Authentication)
netscapeCertificateType	no	SSL-Client Authentication SSL-Server-Authentication
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Optional: DNS-Name (additional FQDNs of the SSL server as specified in request) RFC822-Name=<as specified in request>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	URL= <a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a> URL= <a href="ldap://www.trustcenter.de/CN=TC%20TrustCenter%20Class%202%20L1%20CA%20XI,O=TC%20TrustCenter,OU=cacerts,DC=trustcenter,DC=de?certificateRevocationList?base?">ldap://www.trustcenter.de/CN=TC%20TrustCenter%20Class%202%20L1%20CA%20XI,O=TC%20TrustCenter,OU=cacerts,DC=trustcenter,DC=de?certificateRevocationList?base?</a>

## 1.20 “TC Trust SSL Wildcard, 1yr”; 2 yrs or 3yrs

This certificate product is intended to be used by SSL servers.

Data Field	Value		
Version	v3		
Serial Number	[Automatic number according to TC TrustCenter standard]		
Signature Algorithm	sha1withRSAEncryption		
Issuer	Attribute	Value	Encoding
	CN	TC TrustCenter Class 2 L1 CA XI	PrintableString
	OU	TC TrustCenter Class 2 L1 CA	PrintableString
	O	TC TrustCenter GmbH	PrintableString
	C	DE	PrintableString
Validity	[Date of Issuance] + 1, 2 or 3 years		
Subject	Attribute	Value	Encoding
	CN	<FQDN of the SSL server as specified in request, '*.domain.com' type names are allowed>	PrintableString
	OU	<as specified in request>	PrintableString
	O	<according to Organization of the affiliate associated with the requesting user>	PrintableString
	L	<according to Location of the affiliate associated with the requesting user>	PrintableString
	SP	<according to State of the affiliate associated with the requesting user>	PrintableString
	C	<according to Country of the affiliate associated with the requesting user>	PrintableString
Subject Public Key	<according to certificate request>		



Extension	Crit.	Value
basicConstraints	yes	cA: FALSE
keyUsage	yes	digitalSignature nonRepudiation keyEncipherment dataEncipherment
extKeyUsage	no	1.3.6.1.5.5.7.3.1 (Server Authentication) 1.3.6.1.5.5.7.3.2 (Client Authentication)
netscapeCertificateType	no	SSL-Client Authentication SSL-Server-Authentication
certificatePolicies	no	[1] Policy-OID 1.2.276.0.44.1.1.1.2 cPSuri = <a href="http://www.trustcenter.de/guidelines">http://www.trustcenter.de/guidelines</a>
subjectAltNames	no	Optional: DNS-Name (additional FQDNs of the SSL server as specified in request, '*.domain.com' type names are allowed) RFC822-Name=<as specified in request>
subjectKeyIdentifier	no	[Key-ID of this Certificate]
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: calssuers accessLocation: URL= <a href="http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt">http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt</a> accessMethod: ocsp accessLocation: URL= <a href="http://ocsp.XI.tcclass2-ii.trustcenter.de">http://ocsp.XI.tcclass2-ii.trustcenter.de</a>
cRLDistributionPoints	no	URL= <a href="http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl">http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl</a> URL= <a href="ldap://www.trustcenter.de/CN=TC%20TrustCenter%20Class%20%20L1%20CA%20XI,O=TC%20TrustCenter,OU=cacerts,DC=trustcenter,DC=de?certificateRevocationList?base?">ldap://www.trustcenter.de/CN=TC%20TrustCenter%20Class%20%20L1%20CA%20XI,O=TC%20TrustCenter,OU=cacerts,DC=trustcenter,DC=de?certificateRevocationList?base?</a>