

TC TrustCenter

TC ID Store

Certificate Profiles

TC ID Store
Version 1.7b

Hamburg, Germany
January 2010

Geschäftsführung
Dr. Sabine Kockskämper
Robert Steinkrauss

HRB 96168 AG Hamburg
Ust.-ID-Nr. DE245979558

Bankverbindung
Commerzbank AG
BLZ 200 400 00
Kto.-Nr. 619 37 00 00
IBAN DE43 2004 0000 0619 3700 00
BIC COBADEFFXXX



Sonninstraße 24-28
20097 Hamburg, Germany

Postfach 10 60 49
20041 Hamburg, Germany

Phone: +49 (0)40 / 80 80 26-0

Fax: +49 (0)40 / 80 80 26-1 26

<http://www.trustcenter.de>

Dieses Dokument ist urheberrechtlich geschützt. Die Verwendung der Texte und Abbildungen, auch auszugsweise, ist ohne die schriftliche Zustimmung von TC TrustCenter unzulässig und strafbar. Das gilt insbesondere für Vervielfältigungen, Verbreitungen, Übersetzungen oder die Verwendung in elektronischen Systemen. Ausgenommen hiervon sind das Kopieren und der Ausdruck zum eigenen Gebrauch.

Alle Informationen in diesem Dokument wurden mit größter Sorgfalt erstellt. Weder TC TrustCenter noch der Autor können jedoch für Schäden haftbar gemacht werden, die in Zusammenhang mit der Verwendung dieses Dokumentes stehen.

„TC TrustCenter“, das TC TrustCenter-Logo, „Ident Point“, „TC PKI“ und „TC Info Line“ sind eingetragene Marken der TC TrustCenter GmbH.

Alle in diesem Dokument verwendeten, aber hier nicht genannten Marken- oder Produktnamen sind Marken oder Warenzeichen der entsprechenden Inhaber.

Copyright © 2009 TC TrustCenter GmbH

Alle Rechte vorbehalten.

All rights reserved. No information or images, fully or partially, in any form or by any means, may be reproduced, copied, duplicated, published or used in electronic systems or translations without the prior written consent of TC TrustCenter. This represents a crime, excluding printing and duplicating for one's own use.

All information in this document is compiled with great care. Neither TC TrustCenter nor the author are liable for any damages or disservice, that are in connection with the use of this document.

„TC TrustCenter“, the TC TrustCenter logo, „Ident Point“, „TC PKI“ and „TC Info Line“ are registered trademarks of the TC TrustCenter GmbH.

All brands, product names and trademarks used in this document, but not listed above, are trademarks or service marks of the respective owners.

Copyright © 2009 TC TrustCenter GmbH



Table of Contents

1	Certificate Profiles	4
1.1	“TC Business ID Demo, 30 days”	5
1.2	“TC Business ID Demo, recoverable, 30 days”	7
1.3	“TC Client Computer ID Demo, 30 days”	9
1.4	“TC Business ID for Adobe Demo	11
1.5	“TC Trust SSL Demo, 30 days”	13
1.6	“TC Personal ID, 1yr”; 2 yrs or 3 yrs	15
1.7	“TC Business ID, 1yr”; 2 yrs or 3 yrs	17
1.8	“TC Business ID, recoverable, 1yr”; 2 yrs or 3 yrs	19
1.9	“TC Business ID, sign+auth, 1yr”; 2 yrs or 3 yrs	21
1.10	“TC Business ID, sign, 1yr”; 2 yrs or 3 yrs	23
1.11	“TC Business ID, auth, 1yr”; 2 yrs or 3 yrs	25
1.12	“TC Business ID, recoverable enc, 1yr”; 2 yrs or 3 yrs	27
1.13	“TC Business ID for Adobe, 1yr”; 2 yrs or 3 yrs	29
1.14	“TC Domain Controller ID, 1yr”; 2 yrs or 3 yrs	31
1.15	“TC RAS and IAS Server ID, 1yr”; 2 yrs or 3 yrs	33
1.16	“TC Client Computer ID, 1yr”; 2 yrs or 3 yrs	35
1.17	“TC Team Certificate, 1yr”; 2yrs or 3yrs	37
1.18	“TC Trust SSL, 1yr”; 2 yrs or 3yrs	39
1.19	“TC Trust SSL Wildcard, 1yr”; 2 yrs or 3yrs	41



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>Note: Not all certificate profiles and not all certificate validity periods are supported by API enrollment.</p>
--



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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt accessMethod: ocsp accessLocation: URL= http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de
cRLDistributionPoints	no	http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl



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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt accessMethod: ocsp accessLocation: URL= http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de
cRLDistributionPoints	no	http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl
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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt accessMethod: ocsp accessLocation: URL= http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de
cRLDistributionPoints	no	http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl



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		



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 1.2.840.113583.1.2.2 cPSuri = http://www.trustcenter.de/cps
subjectAltNames	no	rfc822-Name = <Email Address>
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: ocsp accessLocation: URL= http://ocsp.l.adobe-cds.trustcenter.de
cRLDistributionPoints	no	http://www.trustcenter.de/crl/v2/tc_ca_for_adobe_l.crl
Archive Revocation Info	no	True
TimeStamp URL	no	tss.l.adobe-cds.trustcenter.de



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 = http://www.trustcenter.de/guidelines
authorityInfoAccess	no	accessMethod: caIssuers accessLocation: URL= http://www.trustcenter.de/certservices/cacerts/tcclass0.crt accessMethod: ocsp accessLocation: URL= http://ocsp.tcclass0.trustcenter.de
cRLDistributionPoints	no	http://www.trustcenter.de/crl/v2/tcclass0.crl



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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class1_L1_CA_IX.crt accessMethod: ocsp accessLocation: URL= http://ocsp.IX.tcclass1.tcuniversal-i.trustcenter.de
cRLDistributionPoints	no	http://crl.IX.tcclass1.tcuniversal-i.trustcenter.de/crl/v2/tc_class1_L1_CA_IX.crl



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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



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	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
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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



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 = http://www.trustcenter.de/guidelines
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=http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL=http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



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 = http://www.trustcenter.de/cps
subjectAltNames	no	rfc822-Name = <Email Address>
authorityKeyIdentifier	no	[Key-ID of Issuer Certificate]
authorityInfoAccess	no	accessMethod: ocsp accessLocation: URL= http://ocsp.l.adobe-cds.trustcenter.de
cRLDistributionPoints	no	http://www.trustcenter.de/crl/v2/tc_ca_for_adobe_l.crl
Archive Revocation Info	no	True
TimeStamp URL	no	tss.l.adobe-cds.trustcenter.de



1.14 “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	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 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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl
certificateTemplate-Information	no	TemplateName (1.3.6.1.4.1.311.20.2) = „DomainController“ (BMPString)



1.15 “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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



1.16 “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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



1.17 “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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl



1.18 “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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	URL= http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl URL= ldap://www.trustcenter.de/CN=TC%20TrustCenter%20Class%20L1%20CA%20XI,O=TC%20TrustCenter,OU=cacerts,DC=trustcenter,DC=de?certificateRevocationList?base?

1.19 “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 = http://www.trustcenter.de/guidelines
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= http://www.trustcenter.de/certservices/cacerts/tc_class2_L1_CA_XI.crt accessMethod: ocsp accessLocation: URL= http://ocsp.XI.tcclass2-ii.trustcenter.de
cRLDistributionPoints	no	URL= http://crl.XI.tcclass2-ii.trustcenter.de/crl/v2/tc_class2_L1_CA_XI.crl URL= ldap://www.trustcenter.de/CN=TC%20TrustCenter%20Class%20%20L1%20CA%20XI,O=TC%20TrustCenter,OU=cacerts,DC=trustcenter,DC=de?certificateRevocationList?base?