

NETLOCK CA HIERARCHY

Documentation about the structure, hierarchy and other details of
NETLOCK's CAs



NETLOCK Informatics and Network Security Services Limited Liability Company

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1 Introduction

This document describes the NETLOCK CA hierarchy.

1.1 CA certificates and CRLs

Short name in structure	Full name	CA availability	CRL availability
SHA1 QA	Netlock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado	http://www.netlock.hu/index.cgi?ca=mshea	http://www.netlock.hu/index.cgi?crl=mshea
SHA1 A	Netlock Kozjegyzoi (Class A) Tanusitvanykiado	http://www.netlock.hu/index.cgi?ca=kozegegyzoi	http://www.netlock.hu/index.cgi?crl=kozegegyzoi
SHA1 B	Netlock Uzleti (Class B) Tanusitvanykiado	http://www.netlock.hu/index.cgi?ca=uzleti	http://www.netlock.hu/index.cgi?crl=uzleti
SHA1 C	Netlock Expressz (Class C) Tanusitvanykiado	http://www.netlock.hu/index.cgi?ca=expressz	http://www.netlock.hu/index.cgi?crl=expressz
SHA1 MKB	Netlock controlled CA for MKB Bank, Hungary	already archived	already archived
SHA1 MNB	Netlock controlled CA for MNB Bank, Hungary	already archived	already archived
SHA1 OnlineSSL	Netlock OnlineSSL Hitelesito Alegysege	http://www.netlock.hu/index.cgi?ca=olsslca1	http://www.netlock.hu/index.cgi?ca=olsslca1

2 SHA256 CA hierarchy

2.1 General description

The Netlocks SHA256 hierarchy started at the end of 2012 when the SHA1 roots are stopped.

Following the new standards it was chained under the root Netlock Arany (Gold)

The changes were:

- signer and non-signer purposes were separated by CA, for the signer CA-s only signer certificates were allowed to issue,
- authentication and server certificates are separated,
- the same identification levels were introduced, so the transition was seamless for the users. (signer cert issued by a signer iCA, encryption cert issued by a non-signer iCA)
- Netlocks got cross certification from Microsoft on its roots for Kernel Mode Code Signing.

2.2 Issued certificate types

2.2.1 Roots

They are issuing only iCA and OCSP certificates.

These are:

- NetLock Arany (Class Gold) Főtanúsítvány
It's the actual root of the structure
- NetLock Platina (Class Platinum) Főtanúsítvány
4096 bit root for certificate issuance
- NETLOCK TLS ECC CA
edcsa bit root for certificate issuance
- NETLOCK Test ECC CA
edcsa bit root for certificate issuance
- NETLOCK Root ECC CA
edcsa bit root for certificate issuance
- NETLOCK TSA ECC CA
edcsa bit root for certificate issuance
- NETLOCK Test TSA ECC CA
edcsa bit root for certificate issuance
- NETLOCK Test RSA 4096 CA
4096 bit root for certificate issuance
- NETLOCK RSA 4096 CA
4096 bit root for certificate issuance
- NETLOCK Test RSA 2048 CA
2048 bit root for certificate issuance
- NETLOCK RSA 2048 CA
2048 bit root for certificate issuance

2.2.2 Qualified CAs

They are issuing signer certificates, applicable normalized policy is: NCP+
NETLOCK Qualified Trust EV CA normalized policy is: EVCP

These are:

- NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó
Its only issues qualified signer certificates for natural persons on SSCD, or on device
Its also issues the Time Stamping certificates too for Netlocks time stamping service.
- NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó
Its only issues qualified signer certificates for legal persons on SSCD, or on device.

- **NETLOCK Trust Qualified CA**
Issues EIDAS compliant qualified certificates
- **NETLOCK Trust Qualified SCD CA**
Issues EIDAS compliant qualified certificates on SCD
- **NETLOCK Trust Qualified QSCD CA**
Issues EIDAS compliant qualified certificates on QSCD
- **NETLOCK Trust Qualified RQSCD CA**
Issues qualified certificates on RQSCD to legal persons, in order to create a qualified seal.
Issues qualified certificates on RQSCD to natural persons in order to create a qualified signature.
- **NETLOCK Trust Qualified EV CA**
Issues EIDAS compliant qualified web-site authentication certificates for legal persons.
- **NETLOCK Trust Qualified EV 2 CA**
Issues EIDAS compliant qualified web-site authentication certificates for legal persons.
- **NETLOCK Trust Qualified EV 3 CA**
Issues EIDAS compliant qualified web-site authentication certificates for legal persons.
- **NETLOCK Trust Qualified ECC CA**
Issues qualified certificates to legal persons, in order to create an advanced seal.
Issues qualified certificates to natural persons in order to create an advanced signature.
- **NETLOCK Trust Qualified SCD ECC CA**
Issues qualified certificates on SCD to legal persons, in order to create an advanced seal.
Issues qualified certificates on SCD to natural persons in order to create an advanced signature.
- **NETLOCK Trust Qualified QSCD ECC CA**
Issues qualified certificates on QSCD to legal persons, in order to create a qualified seal.
Issues qualified certificates on QSCD to natural persons in order to create a qualified signature.
- **NETLOCK Trust Qualified RQSCD VRA ECC CA**
Issues qualified certificates on RQSCD to legal persons via VideoRA, in order to create a qualified seal.
Issues qualified certificates on RQSCD to natural persons via VideoRA in order to create a qualified signature.
- **NETLOCK Trust Qualified TSA ECC CA**
-
- **NETLOCK Trust Qualified RSA 2048 CA**
Issues qualified certificates to legal persons, in order to create an advanced seal.
Issues qualified certificates to natural persons in order to create an advanced signature.
- **NETLOCK Trust Qualified SCD RSA 2048 CA**
Issues qualified certificates on SCD to legal persons, in order to create an advanced seal.
Issues qualified certificates on SCD to natural persons in order to create an advanced signature.
- **NETLOCK Trust Qualified QSCD RSA 2048 CA**
Issues qualified certificates on QSCD to legal persons, in order to create a qualified seal.
Issues qualified certificates on QSCD to natural persons in order to create a qualified signature.
- **NETLOCK Trust Qualified RQSCD VRA RSA 2048 CA**
Issues qualified certificates on RQSCD to legal persons via VideoRA, in order to create a qualified seal.

Issues qualified certificates on RQSCD to natural persons via VideoRA in order to create a qualified signature.

- NETLOCK Trust Qualified TSA RSA 2048 CA

-

- NETLOCK Trust Qualified RSA 4096 CA

Issues qualified certificates to legal persons, in order to create an advanced seal.

Issues qualified certificates to natural persons in order to create an advanced signature.

- NETLOCK Trust Qualified SCD RSA 4096 CA

Issues qualified certificates on SCD to legal persons, in order to create an advanced seal.

Issues qualified certificates on SCD to natural persons in order to create an advanced signature.

- NETLOCK Trust Qualified QSCD RSA 4096 CA

Issues qualified certificates on QSCD to legal persons, in order to create a qualified seal.

Issues qualified certificates on QSCD to natural persons in order to create a qualified signature.

- NETLOCK Trust Qualified RQSCD VRA RSA 4096 CA (qtrustrqscdvrrsa4096ca)

Issues qualified certificates on RQSCD to legal persons via VideoRA, in order to create a qualified seal.

Issues qualified certificates on RQSCD to natural persons via VideoRA in order to create a qualified signature.

- NETLOCK Trust Qualified TSA RSA 4096 CA

-

2.2.3 Non qualified Signer CAs

They are issuing signer end entity certificates only, applicable normalized policies are: NCP, NCP+

These are:

- NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó (stopped)
- NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó (stopped)
- NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó (stopped)
- MNB Eat. Tanúsítványkiadó (stopped)
- KELER Eat. Tanúsítványkiadó (stopped)
- MKB Tanúsítványkiadó

- NETLOCK Trust Advanced CA
- NETLOCK Trust Advanced Plus CA (issues only NCP+ certificates)
- NETLOCK Trust Advanced ECC CA
- NETLOCK Trust Advanced Plus ECC CA
- NETLOCK Trust TSA ECC CA
- NETLOCK Trust Advanced RSA 2048 CA
- NETLOCK Trust Advanced Plus RSA 2048 CA
- NETLOCK Trust TSA RSA 2048 CA
- NETLOCK Trust Advanced RSA 4096 CA
- NETLOCK Trust Advanced Plus RSA 4096 CA
- NETLOCK Trust TSA RSA 4096 CA

2.2.4 Non-qualified Non-signer CAs

They are issuing authentication, encryption, and IV, OV and EV SSL certificates, applicable normalized policies are: NCP, NCP+, IVCP, OVCP, EVCP

These are:

- NetLock Közjegyzői (Class A) Tanúsítványkiadó
 - NetLock Üzleti (Class B) Tanúsítványkiadó
 - NetLock Expressz (Class C) Tanúsítványkiadó
 - NETLOCK Trust CA
 - NETLOCK Trust SSL CA
 - NETLOCK Trust EV CA
 - NETLOCK Trust EV 2 CA
 - NETLOCK Trust EV 3 CA
-
- NETLOCK Trust ECC CA
 - NETLOCK Trust RSA 2048 CA
 - NETLOCK Trust RSA 4096 CA

2.2.5 ECC - TLS

➤ Non-qualified Non-signer CAs (TLS)

They are issuing DV, OV and EV SSL certificates, applicable normalized policies are: DVCP, OVCP, EVCP

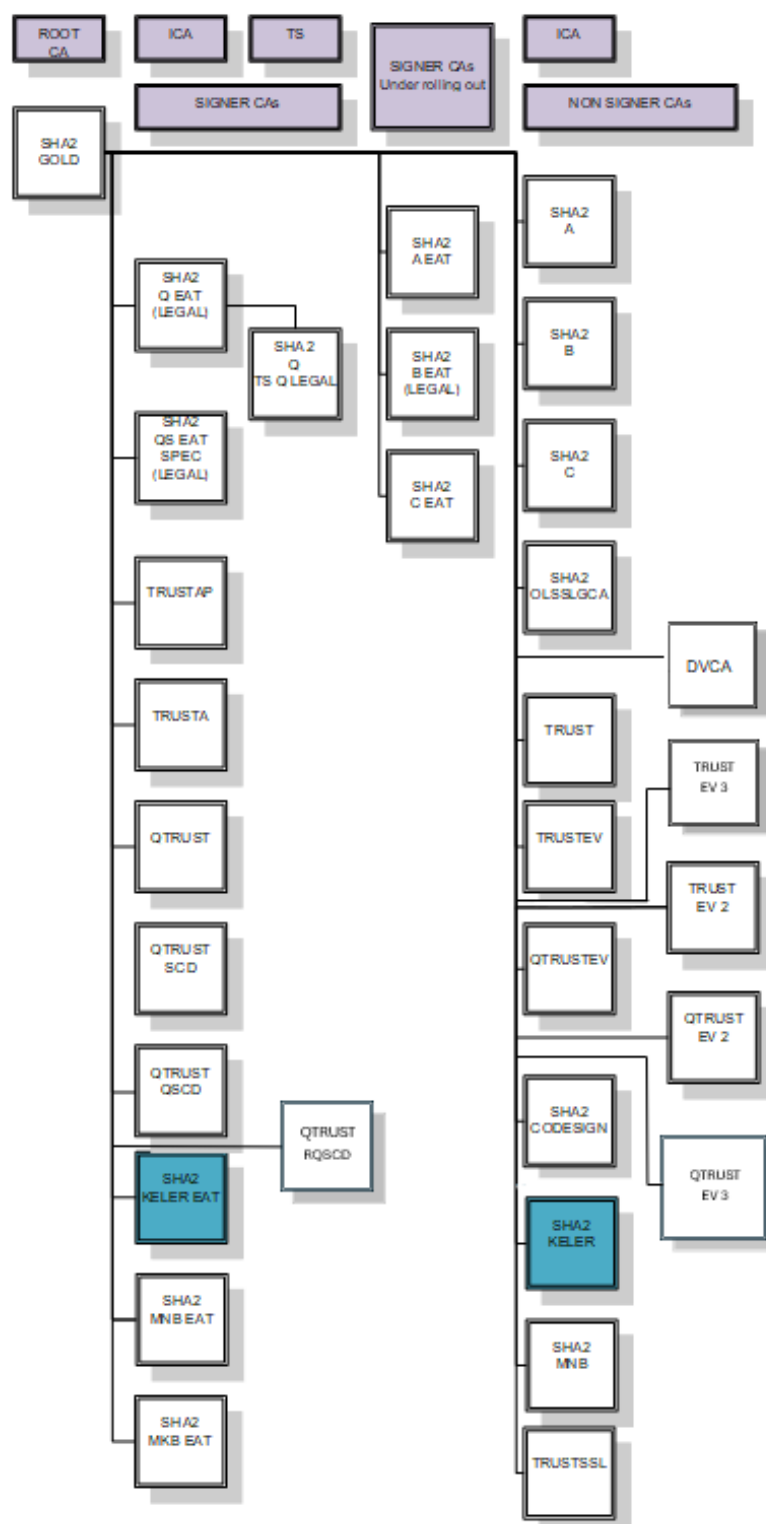
- NETLOCK TLS DV ECC CA
- NETLOCK TLS DV ECC CTCA
- NETLOCK TLS OV ECC CA
- NETLOCK TLS OV ECC CTCA
- NETLOCK TLS EV ECC CA
- NETLOCK TLS EV ECC CTCA

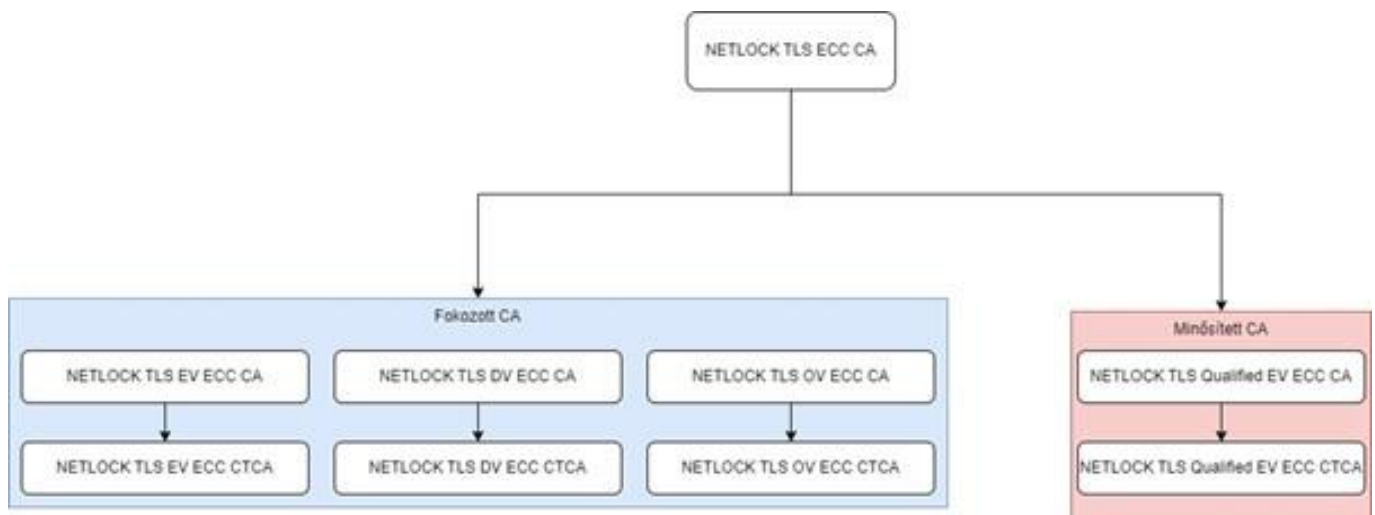
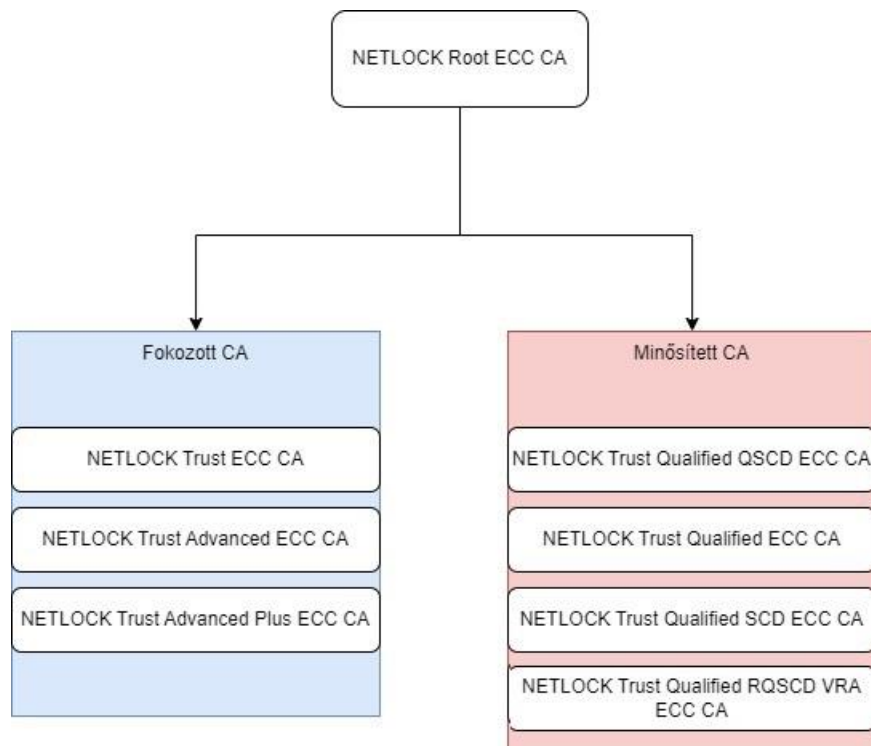
➤ Qualified Non-signer CAs (TLS)

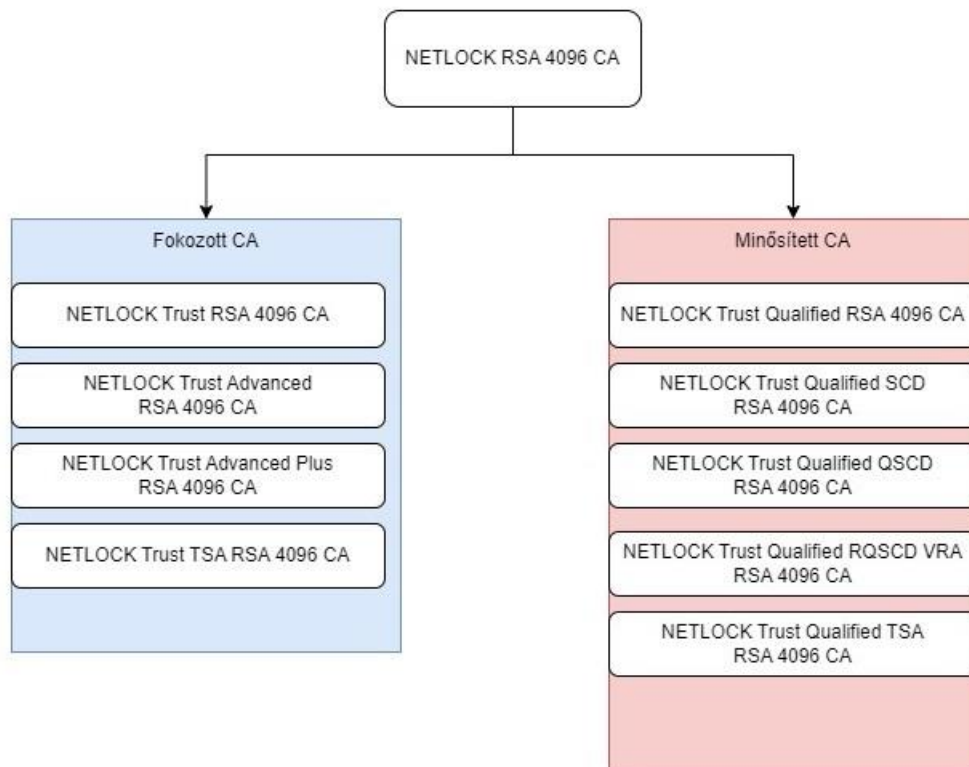
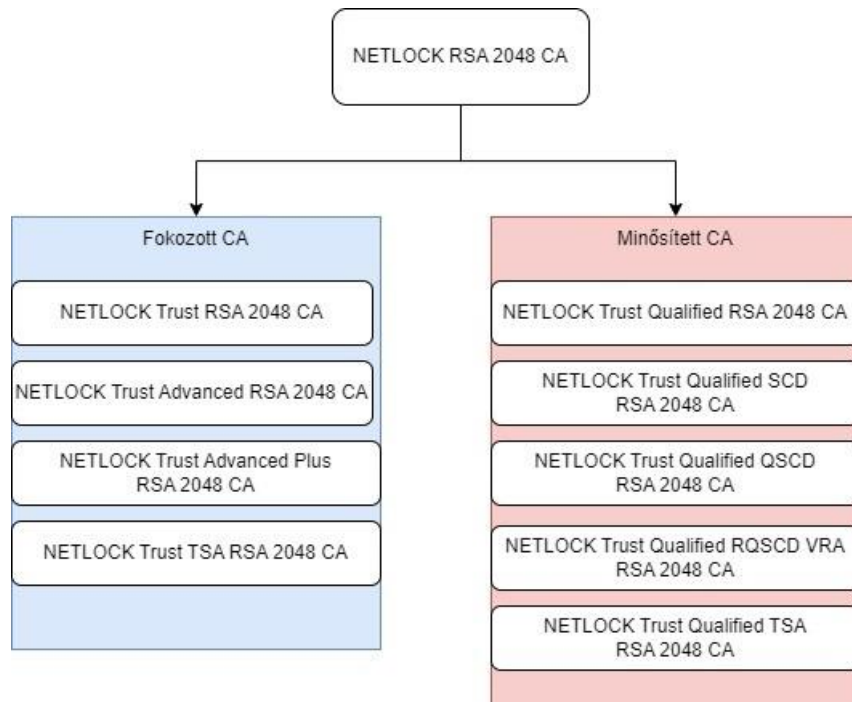
They are issuing EV SSL certificates, applicable normalized policies are: EVCP

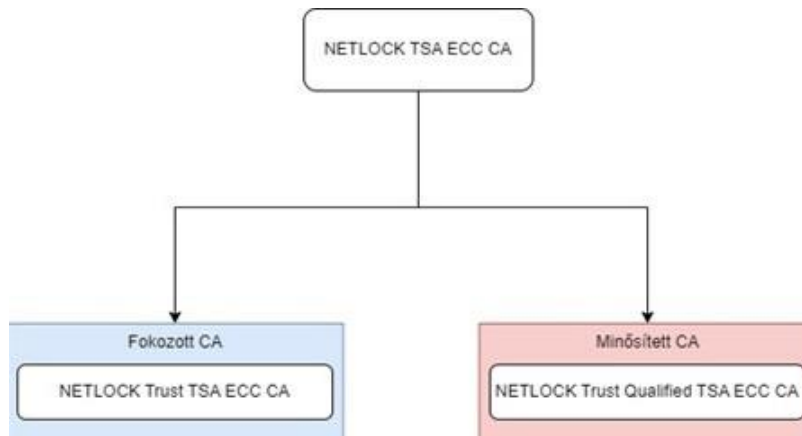
- NETLOCK TLS Qualified EV ECC CA
- NETLOCK TLS Qualified EV ECC CTCA

2.3 Structure









2.4 CA certificates and CRLs

Short name in structure	Full name	CA availability	CRL availability
SHA2 GOLD	NetLock Arany (Class Gold) Főtanúsítvány	http://www.netlock.hu/index.cgi?ca=gold	http://www.netlock.hu/index.cgi?crl=gold
SHA2 PLATINUM	NetLock Platina (Class Platinum) Főtanúsítvány	http://www.netlock.hu/index.cgi?ca=platinum	http://www.netlock.hu/index.cgi?crl=platinum
SHA2 Q EAT	NetLock Minősített Eat. (Class Q Legal) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?ca=cqlca	http://www.netlock.hu/index.cgi?crl=cqlca
SHA2 QS EAT	NetLock Minősített Eat. Spec. (Class Q Legal Spec.) Kiadó	http://www.netlock.hu/index.cgi?ca=cqlsca	http://www.netlock.hu/index.cgi?crl=cqlsca
QTRUST	NETLOCK Trust Qualified CA	http://www.netlock.hu/index.cgi?ca=qtrust	http://www.netlock.hu/index.cgi?crl=qtrust
QTRUST SCD	NETLOCK Trust Qualified SCD CA	http://www.netlock.hu/index.cgi?ca=qtrustscd	http://www.netlock.hu/index.cgi?crl=qtrustscd
QTRUST QSCD	NETLOCK Trust Qualified QSCD CA	http://www.netlock.hu/index.cgi?ca=qtrustqscd	http://www.netlock.hu/index.cgi?crl=qtrustqscd
QTRUST RQSCD	NETLOCK Trust Qualified RQSCD CA	http://www.netlock.hu/index.cgi?ca=qtrustrqscd	http://www.netlock.hu/index.cgi?crl=qtrustrqscd
QTRUST EV	NETLOCK Trust Qualified EV CA	http://www.netlock.hu/index.cgi?ca=qtrustev	http://www.netlock.hu/index.cgi?crl=qtrustev
TRUSTEV	NETLOCK Trust EV CA	http://www.netlock.hu/index.cgi?ca=trustev	http://www.netlock.hu/index.cgi?crl=trustev
TRUST EV 2	NETLOCK Trust EV CA 2	http://www.netlock.hu/index.cgi?ca=trustev2	http://www.netlock.hu/index.cgi?crl=trustev2
TRUST EV 3	NETLOCK Trust EV CA 3	http://www.netlock.hu/index.cgi?ca=trustev3	http://www.netlock.hu/index.cgi?crl=trustev3
QTRUST EV 2	NETLOCK Trust Qualified EV CA 2	http://www.netlock.hu/index.cgi?ca=qtrustev2	http://www.netlock.hu/index.cgi?crl=qtrustev2
QTRUST EV 3	NETLOCK Trust Qualified EV CA 3	http://www.netlock.hu/index.cgi?ca=qtrustev3	http://www.netlock.hu/index.cgi?crl=qtrustev3
TRUSTSSL	NETLOCK Trust SSL CA	http://www.netlock.hu/index.cgi?ca=trustssl	http://www.netlock.hu/index.cgi?crl=trustssl

TRUSTAP	NETLOCK Trust Advanced Plus CA	http://www.netlock.hu/index.cgi?ca=trustap	http://www.netlock.hu/index.cgi?crl=trustap
TRUSTA	NETLOCK Trust Advanced CA	http://www.netlock.hu/index.cgi?ca=trusta	http://www.netlock.hu/index.cgi?crl=trusta
TRUST	NETLOCK Trust CA	http://www.netlock.hu/index.cgi?ca=trust	http://www.netlock.hu/index.cgi?crl=trust
SHA2 A EAT	NetLock Közjegyzői Eat. (Class A Legal) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?ca=calca	http://www.netlock.hu/index.cgi?crl=calca
SHA2 B EAT	NetLock Üzleti Eat. (Class B Legal) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?ca=cblca	http://www.netlock.hu/index.cgi?crl=cblca
SHA2 C EAT	NetLock Expressz Eat. (Class C Legal) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?ca=cclca	http://www.netlock.hu/index.cgi?crl=cclca
SHA2 A	NetLock Közjegyzői (Class A) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?ca=caca	http://www.netlock.hu/index.cgi?crl=caca
SHA2 B	NetLock Üzleti (Class B) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?ca=cbca	http://www.netlock.hu/index.cgi?crl=cbca
SHA2 C	NetLock Expressz (Class C) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?ca=ccca	http://www.netlock.hu/index.cgi?crl=ccca
SHA2 MKB EAT	MKB Tanúsítványkiadó	http://crl.mkb.hu/CA4.crt	http://crl.mkb.hu/CA4.crl
SHA2 MNB EAT	MNB Eat. Tanúsítványkiadó	http://cdp.mnb.hu/LHSZ1.crt	http://cdp.mnb.hu/LHSZ1.crl
SHA2 KELER EAT	KELER Eat. Tanúsítványkiadó	http://www.keler.hu/crl/lhsz2.crt	http://www.keler.hu/crl/lhsz2.crl
SHA2 MNB	MNB Tanúsítványkiadó	http://cdp.mnb.hu/LHSZ1.crt	http://cdp.mnb.hu/LHSZ1.crl
SHA2 KELER	KELER Tanúsítványkiadó	http://www.keler.hu/crl/lhsz2.crt	http://www.keler.hu/crl/lhsz2.crl
tlseccca	NETLOCK TLS ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=tlseccca	http://crl.ecc.netlock.hu/index.cgi?crl=tlseccca
testeccca	NETLOCK Test ECC CA	http://aia-test.ecc.netlock.hu/index.cgi?ca=testeccca	http://crl-test.ecc.netlock.hu/index.cgi?crl=testeccca
rooteccca	NETLOCK Root ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=rooteccca	http://crl.ecc.netlock.hu/index.cgi?crl=rooteccca
tsaeccca	NETLOCK TSA ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=tsaeccca	http://crl.ecc.netlock.hu/index.cgi?crl=tsaeccca
testtsaeccca	NETLOCK Test TSA ECC CA	http://aia-test.ecc.netlock.hu/index.cgi?ca=testtsaeccca	http://crl-test.ecc.netlock.hu/index.cgi?crl=testtsaeccca
testrsa4096ca	NETLOCK Test RSA 4096 CA	http://aia-test.rsa.netlock.hu/index.cgi?ca=testrsa4096ca	http://crl-test.rsa.netlock.hu/index.cgi?crl=testrsa4096ca
rsa4096ca	NETLOCK RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=rsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=rsa4096ca
testrsa2048ca	NETLOCK Test RSA 2048 CA	http://aia-test.rsa.netlock.hu/index.cgi?ca=testrsa2048ca	http://crl-test.rsa.netlock.hu/index.cgi?crl=testrsa2048ca
rsa2048ca	NETLOCK RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=rsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=rsa2048ca
trusteccca	NETLOCK Trust ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=trusteccca	http://crl.ecc.netlock.hu/index.cgi?crl=trusteccca

trustaeccca	NETLOCK Trust Advanced ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=trustaeccca	http://crl.ecc.netlock.hu/index.cgi?crl=trustaeccca
trustapeccca	NETLOCK Trust Advanced Plus ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=trustapeccca	http://crl.ecc.netlock.hu/index.cgi?crl=trustapeccca
qtrusteccc	NETLOCK Trust Qualified ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=qtrusteccc	http://crl.ecc.netlock.hu/index.cgi?crl=qtrusteccc
qtrustscdeccc	NETLOCK Trust Qualified SCD ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=qtrustscdeccc	http://crl.ecc.netlock.hu/index.cgi?crl=qtrustscdeccc
qtrustqscdeccc	NETLOCK Trust Qualified QSCD ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=qtrustqscdeccc	http://crl.ecc.netlock.hu/index.cgi?crl=qtrustqscdeccc
qpacaeccca	NETLOCK Qualified Public Administration ECC CA	-	-
qtrustrqscdvraeccca	NETLOCK Trust Qualified RQSCD VRA ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=qtrustrqscdvraeccca	http://crl.ecc.netlock.hu/index.cgi?crl=qtrustrqscdvraeccca
tlsoveccc	NETLOCK TLS OV ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=tlsoveccc	http://crl.ecc.netlock.hu/index.cgi?crl=tlsoveccc
tlsoveccctca	NETLOCK TLS OV ECC CTCA	http://aia.ecc.netlock.hu/index.cgi?ca=tlsoveccctca	http://crl.ecc.netlock.hu/index.cgi?crl=tlsoveccctca
tlseveccc	NETLOCK TLS EV ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=tlseveccc	http://crl.ecc.netlock.hu/index.cgi?crl=tlseveccc
tlseveccctca	NETLOCK TLS EV ECC CTCA	http://aia.ecc.netlock.hu/index.cgi?ca=tlseveccctca	http://crl.ecc.netlock.hu/index.cgi?crl=tlseveccctca
tlsqeveccc	NETLOCK TLS Qualified EV ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=tlsqeveccc	http://crl.ecc.netlock.hu/index.cgi?crl=tlsqeveccc
tlsqeveccctca	NETLOCK TLS Qualified EV ECC CTCA	http://aia.ecc.netlock.hu/index.cgi?ca=tlsqeveccctca	http://crl.ecc.netlock.hu/index.cgi?crl=tlsqeveccctca
tlsdveccc	NETLOCK TLS DV ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=tlsdveccc	http://crl.ecc.netlock.hu/index.cgi?crl=tlsdveccc
tlsdveccctca	NETLOCK TLS DV ECC CTCA	http://aia.ecc.netlock.hu/index.cgi?ca=tlsdveccctca	http://crl.ecc.netlock.hu/index.cgi?crl=tlsdveccctca
trusttsaeccca	NETLOCK Trust TSA ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=trusttsaeccca	http://crl.ecc.netlock.hu/index.cgi?crl=trusttsaeccca
qtrusttsaeccca	NETLOCK Trust Qualified TSA ECC CA	http://aia.ecc.netlock.hu/index.cgi?ca=qtrusttsaeccca	http://crl.ecc.netlock.hu/index.cgi?crl=qtrusttsaeccca
trustrsa2048ca	NETLOCK Trust RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=trustrsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=trustrsa2048ca
trustarsa2048ca	NETLOCK Trust Advanced RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=trustarsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=trustarsa2048ca
trustaprsa2048ca	NETLOCK Trust Advanced Plus RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=trustaprsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=trustaprsa2048ca
qtrustrsa2048ca	NETLOCK Trust Qualified RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustrsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustrsa2048ca
qtrustscdrsa2048ca	NETLOCK Trust Qualified SCD RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustscdrsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustscdrsa2048ca
qtrustqscdrsa2048ca	NETLOCK Trust Qualified QSCD RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustqscdrsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustqscdrsa2048ca
qpacarsa2048ca	NETLOCK Qualified Public Administration RSA 2048 CA	-	-
qtrustrqscdvrarsa2048ca	NETLOCK Trust Qualified RQSCD VRA RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustrqscdvrarsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustrqscdvrarsa2048ca

tsarsa2048ca	NETLOCK Trust TSA RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=tsarsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=tsarsa2048ca
qtsarsa2048ca	NETLOCK Trust Qualified TSA RSA 2048 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtsarsa2048ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtsarsa2048ca
trustrsa4096ca	NETLOCK Trust RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=trustrsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=trustrsa4096ca
trustarsa4096ca	NETLOCK Trust Advanced RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=trustarsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=trustarsa4096ca
trustaprsa4096ca	NETLOCK Trust Advanced Plus RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=trustaprsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=trustaprsa4096ca
qtrustrsa4096ca	NETLOCK Trust Qualified RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustrsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustrsa4096ca
qtrustsdrsa4096ca	NETLOCK Trust Qualified SCD RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustsdrsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustsdrsa4096ca
qtrustqscdrsa4096ca	NETLOCK Trust Qualified QSCD RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustqscdrsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustqscdrsa4096ca
qpacarsa4096ca	NETLOCK Qualified Public Administration RSA 4096 CA	-	-
qtrustqscdvrarsa4096ca	NETLOCK Trust Qualified RQSCD VRA RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtrustqscdvrarsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtrustqscdvrarsa4096ca
tsarsa4096ca	NETLOCK Trust TSA RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=tsarsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=tsarsa4096ca
qtsarsa4096ca	NETLOCK Trust Qualified TSA RSA 4096 CA	http://aia.rsa.netlock.hu/index.cgi?ca=qtsarsa4096ca	http://crl.rsa.netlock.hu/index.cgi?crl=qtsarsa4096ca

3 Cross certifications

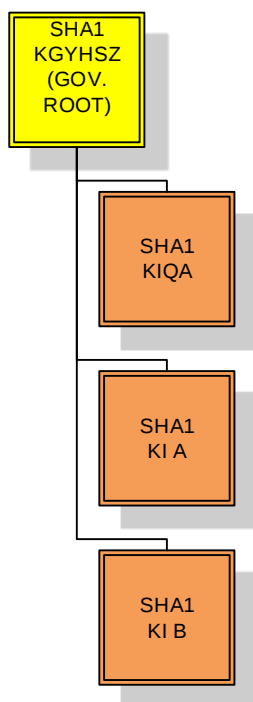
The Netlock has only cross certifications from Microsoft. They are intended to use for Kernel Mode Code Signing certificate root, but now the Kernel Mode Signing is strongly tied to EV Rules, after the Webtrust for EV or similar audit is possible to move forward.

Short name in structure	Full name	CA availability	Status
MCCA SHA2 GOLD	NetLock Arany (Class Gold) Főtanúsítvány	http://www.netlock.hu/index.cgi?ca=mccagold	Expired
MCCA SHA2 PLATINUM	NetLock Platina (Class Platinum) Főtanúsítvány	http://www.netlock.hu/index.cgi?ca=mccaplatinum	Expired

4 CA certificates not covered by any root programs

4.1 CA certificates and CRLs

Short name in structure	Full name	CA availability	CRL availability
SHA1 KGYHSZ	KGYSZ (Public Administration Root CA - Hungary) <u>Governmental root in Hungary, not NETLOCK owned.</u>	http://www.kgyhsz.gov.hu/KGYHSZ_CA_20060719.cer	http://www.kgyhsz.gov.hu/KGYHSZ_CA_20060719.crl
SHA1 KIQA	Netlock Minositett Kozjegyzoi (Class QA) Tanusitvanykiado	http://www.netlock.hu/index.cgi?ca=mkozig	http://www.netlock.hu/index.cgi?crl=mkozig
SHA1 KI A	NetLock (Class A) Közigazgatási Tanúsítványkiadó)	already archived	already archived
SHA1 KI B	(NetLock (Class B) Közigazgatási Tanúsítványkiadó)	http://www.netlock.hu/index.cgi?ca=bkozig	http://www.netlock.hu/index.cgi?crl=bkozig



Orange – Already stopped service/CA
 Blue – There is no more certificate issuance, waits to stop
 Yellow – CA not controlled by Netlock
 TS – time stamping certificate
 OCSP – OCSP certificate

4.2 SHA256 Governmental CA hierarchy

4.2.1 General description

The Netlock has Intermediate certificates which are certified by the SHA256 root of the governmental CA KGYHSZ.

These roots are issuing singer certificates for public administration purposes

These roots are not subjects any Root programs, they are in separated tree.

4.2.2 Issued certificate types

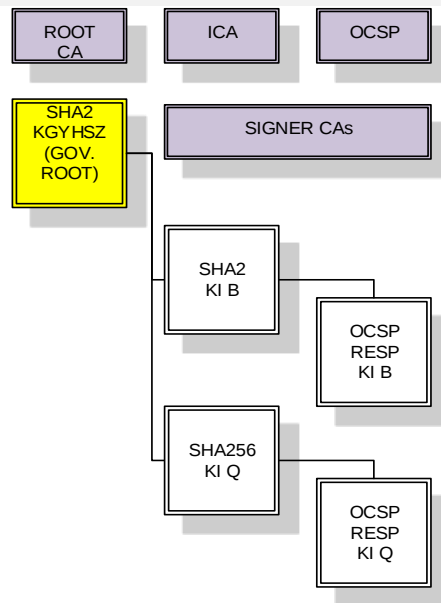
From these iCAs singer and authentication certificates can be bought for public administration purposes.

4.2.3 CA certificates and CRLs

Short name in structure	Full name	CA availability	CRL availability
SHA2 KGYHSZ	KGYHSZ (Public Administration Root CA - Hungary) <u>Governmental root in Hungary, not Netlock owned.</u>	http://www.kgyhsz.gov.hu/KGYHSZ_CA_20091210.cer	http://www.kgyhsz.gov.hu/KGYHSZ_CA_20091210.crl
SHA2 KI Q	NetLock Minősített Közigazgatási (Class Q) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?a=mkozig256	http://www.netlock.hu/index.cgi?crl=mkozig256
SHA2 KI B	NetLock Közigazgatási Üzleti (Class B) Tanúsítványkiadó	http://www.netlock.hu/index.cgi?a=bkozig256	http://www.netlock.hu/index.cgi?crl=bkozig256

qpacaeccca	NETLOCK Qualified Public Administration ECC CA	-	-
qpacarsa2048ca	NETLOCK Qualified Public Administration RSA 2048 CA	-	-
qpacarsa4096ca	NETLOCK Qualified Public Administration RSA 4096 CA	-	-

4.2.4 Structure



Yellow – CA not controlled by Netlock
 TS – time stamping certificate
 OCSP – OCSP certificate
 Light purple – Grouping by certificate type and purpose

