

# Root CA

# Certificate Profiles

# IDnow Trust Services AB

Version 1.0

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## Document Information

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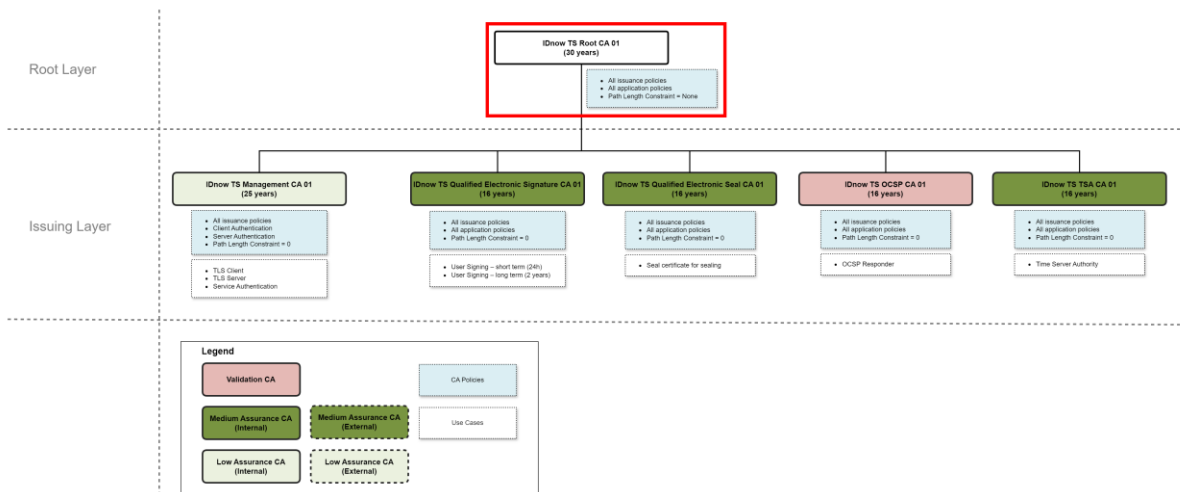
## Change Log

Version	Version Date	Changes	Author
1.0	05.07.2024	Initial Version	Mateusz Kowalski

# 1. Introduction

The document describes the structure of digital certificates of IDnow Trust Services AB.

This document contains information about the IDnow Trust Services Root CA [XX] certificate profiles and related end entity and CRL ones (where [XX] is 01,02,03...).



## 2. Certificate Body

### 2.1 CA Certificate

CA Certificate			
Field	Mandatory	Value	Description
<b>Certificate Data</b>			
Serial Number	Yes	<unique_serial_number>	Unique serial number of the certificate.
Version	Yes	3	Certificate format version.
Signature Algorithm	Yes	sha512RSA	Signature algorithm in accordance to RFC 5280.
<b>Subject DN</b>			
Common Name (CN)	Yes	IDnow TS Root CA [XX]	Certificate authority name, where [XX] is 01,02,03...
Organization (O)	Yes	IDnow Trust Services AB	Organization name.
Organization Identifier (ORG_ID)	Yes	SE5594699489	Identification of the organization different from the organization name. Certificates may include one or more semantics identifiers as specified in clause 5.1.4 of ETSI EN 319 412-1.
Country (C)	Yes	SE	Country code: SE - Sweden (2 character ISO 3166 country code).
<b>Issuer Name</b>			
Common Name (CN)	Yes	IDnow TS Root CA [XX]	Certificate authority name, where [XX] is 01,02,03...
Organization (O)	Yes	IDnow Trust Services AB	Organization name.
Organization Identifier (ORG_ID)	Yes	SE5594699489	Identification of the organization different from the organization name. Certificates may include one or more semantics identifiers as specified in clause 5.1.4 of ETSI EN 319 412-1.

Country (C)	Yes	SE	Country code: SE - Sweden (2 character ISO 3166 country code).
<b>Validity</b>			
Validity Period	Yes	30 years	Validity period of certificate from issuance date.
Not Before	Yes	<issuance_date_and_time>	First date of certificate validity.
Not After	Yes	<issuance_date_and_time> + 30Y	Last date of certificate validity.
<b>Public Key Info</b>			
Algorithm	Yes	RSA (4096 Bits)	RSA algorithm in accordance with RFC 4055.
Public Key	Yes	<public_key>	Public Key.
<b>Extensions</b>			
<b>Extension</b>	<b>Values and Limitations</b>		<b>Criticality</b>
Key Usage	Certificate Signing (Off-line CRL Signing) CRL Signing (06)		Critical
Basic Constraints	Subject Type=CA Path Length Constraint=None		Critical
Subject Key Identifier	SHA-1 hash of the public key		Non-critical
Certificate Policies	Certificate Policy [1]: PolicyIdentifier: 1.3.6.1.4.1.61867.2.1.1.1.1 PKIX CPS Pointer Qualifier (1.3.6.1.5.5.7.2.1) =CPS Pointer: <a href="https://trust-services.io/repository/Practice_Statement_IDnowTrustServicesAB.pdf">https://trust-services.io/repository/Practice_Statement_IDnowTrustServicesAB.pdf</a>		Non-critical
Authority Key Identifier	SHA-1 hash of the public key		Non-critical
Authority Information Access	N/A		Non-critical
CRL Distribution Points	N/A		Non-critical

## 3. CRL

CRL			
Field	Mandatory	Value	Description
<b>CRL Data</b>			
Delta CRL	Yes	No	
Immediate Issue	Yes	Yes	
CRL Build Frequency	Yes	1 / year	
Format	Yes	DER	
Signature Algorithm	Yes	sha512RSA	Signature algorithm in accordance to RFC 5280.
<b>Issuer Name</b>			
Common Name (CN)	Yes	IDnow TS Root CA [XX]	Certificate authority name, where [XX] is 01,02,03...
Organization (O)	Yes	IDnow Trust Services AB	Organization name.
Organization Identifier (ORG_ID)	Yes	SE5594699489	Identification of the organization different from the organization name. Certificates may include one or more semantics identifiers as specified in clause 5.1.4 of ETSI EN 319 412-1.
Country (C)	Yes	SE	Country code: SE - Sweden (2 character ISO 3166 country code).
<b>Extensions</b>			
Extension	Values and Limitations	Criticality	Mandatory
CRL Distribution Points	<a href="http://crl.trust-services.io/rootca[XX].crl">http://crl.trust-services.io/rootca[XX].crl</a>	Non-critical	Yes