



## LUXEMBOURG (LUXEMBOURG) : Trusted List

Tsl Id: TrustServiceStatusList-1

Valid until nextUpdate value: 2023-11-05T09:19:32Z

TSL signed on: 2023-05-05T08:55:14Z

## TSL Scheme Information

<b>TSL Id</b>	<i>TrustServiceStatusList-1</i>
<b>TSLTag</b>	<i>http://uri.etsi.org/19612/TSLTag</i>
<b>TSL Version Identifier</b>	<i>5</i>
<b>TSL Sequence Number</b>	<i>49</i>
<b>TSL Type</b>	<i>http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUgeneric</i>

### Scheme Operator Name

<b>Name</b>	<i>[ en ]</i>	<i>ILNAS</i>
<b>Name</b>	<i>[ fr ]</i>	<i>ILNAS</i>
<b>Name</b>	<i>[ fr ]</i>	<i>Institut Luxembourgeois de la Normalisation, de l'Accréditation, de la Sécurité et qualité des produits et services</i>
<b>Name</b>	<i>[ de ]</i>	<i>ILNAS</i>

### PostalAddress

<b>Street Address</b>	<i>[ en ]</i>	<i>1, Avenue du Swing</i>
<b>Locality</b>	<i>[ en ]</i>	<i>Belvaux</i>
<b>Postal Code</b>	<i>[ en ]</i>	<i>L-4367</i>
<b>Country Name</b>	<i>[ en ]</i>	<i>LU</i>

### PostalAddress

<b>Street Address</b>	<i>[ fr ]</i>	<i>1, Avenue du Swing</i>
<b>Locality</b>	<i>[ fr ]</i>	<i>Belvaux</i>
<b>Postal Code</b>	<i>[ fr ]</i>	<i>L-4367</i>
<b>Country Name</b>	<i>[ fr ]</i>	<i>LU</i>

### PostalAddress

<b>Street Address</b>	<i>[ de ]</i>	<i>1, Avenue du Swing</i>
<b>Locality</b>	<i>[ de ]</i>	<i>Belvaux</i>
<b>Postal Code</b>	<i>[ de ]</i>	<i>L-4367</i>

<b>Country Name</b>	[ de ]	LU
<b>ElectronicAddress</b>		
URI	[ en ]	<a href="mailto:confiance-numerique@ilnas.etat.lu">mailto:confiance-numerique@ilnas.etat.lu</a>
URI	[ fr ]	<a href="mailto:confiance-numerique@ilnas.etat.lu">mailto:confiance-numerique@ilnas.etat.lu</a>
URI	[ de ]	<a href="mailto:confiance-numerique@ilnas.etat.lu">mailto:confiance-numerique@ilnas.etat.lu</a>
URI	[ fr ]	<a href="https://portail-qualite.public.lu/fr/index.html">https://portail-qualite.public.lu/fr/index.html</a>
URI	[ en ]	<a href="https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information/index.html">https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information/index.html</a>
<b>Scheme Name</b>		
<b>Name</b>	[ en ]	LU:Trusted list including information related to the qualified trust service providers which are supervised by the issuing Member State, together with information related to the qualified trust services provided by them, in accordance with the relevant provisions laid down in Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC.
<b>Scheme Information URI</b>		
URI	[ en ]	<a href="https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information/index.html">https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information/index.html</a>
URI	[ fr ]	<a href="https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information-fr/index.html">https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information-fr/index.html</a>
URI	[ de ]	<a href="https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information-de/index.html">https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information-de/index.html</a>
<b>Status Determination Approach</b>		<a href="http://uri.etsi.org/TrstSvc/TrustedList/StatusDetn/EUappropriate">http://uri.etsi.org/TrstSvc/TrustedList/StatusDetn/EUappropriate</a>
<b>Scheme Type Community Rules</b>		
URI	[ en ]	<a href="http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUcommon">http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUcommon</a>
URI	[ en ]	<a href="http://uri.etsi.org/TrstSvc/TrustedList/schemerules/LU">http://uri.etsi.org/TrstSvc/TrustedList/schemerules/LU</a>
<b>Scheme Territory</b>		LU
<b>Policy Or Legal Notice</b>		
<b>TSL Legal Notice</b>	[ en ]	The applicable legal framework for the present trusted list is Regulation (EU) No 910/2014 of the European Parliament and of the Council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC.
<b>Historical Information Period</b>		65535

## Pointer to other TSL - EUROPEAN UNION

### 1.EU TSL - MimeType: application/vnd.etsi.tsl+xml

#### TSL Location

<https://ec.europa.eu/tools/lotl/eu-lotl.xml>

### EU TSL digital identities

#### TSL Scheme Operator certificate fields details

##### Version:

3

##### Serial Number:

433011618542725737722850980443092742278162326640

##### X509 Certificate

-----BEGIN CERTIFICATE-----

```
MIIBCCBefgAwIbagIUSjppmthGNlmlFUSuO7UloSpHAWDQYIKoZhhvNAQENBQAwXzELMAkG
A1UEBhMCVFQsKjAoBgNVBAMUURpZJOYWwTaWduEiNiNmRzZjYyYWRyemEgRGlnaXRbbDEAMCIG
A1UEAwWRREHISVRBFTNR0agUVVBEIGSUVeIENBIBXADTICMTAMTAASTHIIOfonDIImMDQw
OTAMTIIOfowggRIM8wvQDYQKQeGwRTEEMDGA1UEcwwQZVpKlmaWNoaGdlIglHlZzmlsNSA
IFFYVWpZmlZCBDZUJ0aWZpY2F0ZSAHElBwJicEJmCEGA1UEYwaTEVJWectMjU00TAAwWk5Z
QTFGIFVROVUzOTIuMxHDAAhgNVBAoMIEVUVlR0QURFOENPTUJDUINTI04jdAgHgnVBAsMGLUvaadG0
6CvZWS0ICRtUjEgTOZSNUQlUwKDAkBgkqhkiG9w0BCQEWFQWjclcm9hc2V5YXRoZTUBIy5kLWV
cGEnZlUuHTAbBgNVBAlTFB0I0EJLlUSM0I0NDQ0NzUuLlIEM04wDAYDVOQEDAVSOVRIRTEYMBYG
A1UEKgwPSkVSTjV0VEEFTk0MRzBMMIR0BwYDVQQkZBR3ZWlvdGVRU0NEIWFuYyVWdlBwVodDlceMBoG
A1UEAwVsSVSTjV0VEEFTk0MRzBMMIR0BwYDVQkZBR3ZWlvdGVRU0NEIWFuYyVWdlBwVodDlceMBoG
AQEAGXo4LZZE0hehDduhSMIgrMjlyYloVFMV6Ib96MPAYELPRhabIVHHE7w082LdlchZAzv
DVWb098Gv+ks2kXQMkOshH7SvCUVikZzzmwYFNymPMqemO3XacEbdY09fVbvatjwnIUS5ST/
CFATLS64puectnK8F0FTLhlyhwIPkQeJgm07wW7Cfwe2PVPmDlC4ZakU1NwgMG6G5g
KRu8+pmVwWpml3k1SSf5BLZ4gTcheFE50yP6C1fKLJX1L7Lgmv3quQmaXKilgYX6XnHj
HpsAy+VXnmRpmEjPAdYDMHtZngHSHYafPP8wIDAQABoIIChDCAgpwDAYDR0IAQHBAhw
ADAIBgNVITSMGIDAAgRzRzP4H9QEJ0s0vovXnmtpFXBBAAYIKoYERQIHAQEEGDEMELCCCG
AQUFBzAChlodHRwO8vcWNoLWcxLmR0ZJOYWwzaWduLnB0L0R0R0I0U5TSU4OUVVBEIGSUVe
Q0FHMSwN2IwLQYIKwYBBQUHMAGFIW00HAA6Ly9yY2ZzZuZGlnaXRbbHNpZ2AcH0vbc2NceDAK
BgVVRREHHTAbgR0ZkXZw0uevF0GVAZwMuzXV9s3BlmVIMF6GA1UEAAXFEIwepYIkwYBRAGB
x3+EAOEwJzAlBgggrBgEFBQOCARyZaHR0cDovL3BraSkaWpdGfsc2lhb5wdDA0BggrBgEEAYHh
IAQCABEBDDAJBgEEA1swAQECMB0GA1UdQQwMBQKCCsGAQUFBwMKBggrBgEFBQcDDBDBKBGNVHRSR
E0ZBRD+p8A7yJ0eHhwO8vcWNoLWcxLmR0ZJOYWwzaWduLnB0L0R0R0I0U5TSU4OUVVBEIG
SUVeQ0FHMSjcmwwoHQYDR00BBYEFALUZZmq3ed0m70dPzmTXzNpMA4GA1UdDwEwQEAWG
QDKB0wYIKwYBBQUHAGMgeYwgcMwCAyGBACORgEbmAgBgQAJYBBDAIByEALSGAQIwCQYHBAC0
EgGCAIByEALSGAQIwYDAuFihodHRwczovL3EYYS1mSSkaWpdGfsc2lhb5wdc9QRFNZW4ucGRmEwJlBAV
BggrBgEFBQcEAlA1BgEEA1swAQECMB0GACsGAQUFBwMKBggrBgEFBQcDDBDBKBGNVHRSRE0ZBRD+p8A
7yJ0eHHTAbgR0ZkXZw0uevF0GVAZwMuzXV9s3BlmVIMF6GA1UEAAXFEIwepYIkwYBRAGBx3
+LkQ57Hhw3kef5MPYHfgsNwEQOLTT88hv7r3kQITdzBx7kQZGDPNPPhxCP4awNgXVr00
8wzLl+9AoMwF06Vgr16V5B440vDA09fveck5KvAlza1N4C5gKdP+1EZK5mipT+nd+JePnHj
mJlFW8Bw6kKJLzr08wvS1A1FmgEmlGcAulGdJL8kEclWGT+mx0RYPPK0vopwJ
+FDfJYNbHJKGNrjPVlqesHzx4oY8lcknCDdYg96QIKekBP6suPRsXkUoleF1z
oRUR+gcm80x04yGC1w7gc0GZOHUWMP0HjA1BcAdngQclYcTeuY1aesFazAgSLK306Y2+1Nl
EafVZms389P9DwQeGNHys3K8ymozZZ1w40yq74BRL440mssXy0ab+1QXlMdlDnl5s8
3UoadCYKZ6Z6cN73uVscU4B5e96WRlN3f0c+FIQIMFQdFk1Nbc3Dyc2eq15YXXA0
6Icz5p1bU7TP4Krl1ua09wJKy43Mh3f8kGd2mCm3mz1jss0DrSPINA4bf0pp3KwRHhdcaad
eUZacs8
```

-----END CERTIFICATE-----

##### Signature algorithm:

SHA512withRSA

##### Issuer CN:

DIGITALSIGN QUALIFIED CA GI

##### Issuer O:

DigitalSign Certificadora Digital

##### Issuer C:

PT

##### Subject CN:

JEROEN ARNOLD L RATHE

##### Subject OU:

RemoteQSCDManagement

##### Subject GIVEN NAME:

JEROEN ARNOLD L

##### Subject SURNAME:

RATHE

##### Subject SERIAL NUMBER:

PNOBE-592-5444750-27

##### Subject E:

jeroen.rathe@ec.europa.eu

##### Subject OU:

Entitlement - EC OFFICIAL

**Subject O:** EUROPEAN COMMISSION

**Subject 2.5.4.97:** LEIXG-254900ZNYA1FLUQ9U393

**Subject OU:** Certificate Profile - Qualified Certificate - Member

**Subject C:** BE

**Valid from:** Fri Oct 01 11:12:58 CEST 2021

**Valid to:** Sun Apr 09 11:12:58 CEST 2023

**Public Key:**  
30820122300D06092A864886F70D01010105000382010F003082010A0282010100E97B882F666B13485E1E10F886E7FC313822325972608A2F14C57A05D5BF7A30F01810B3D185A0485471C5EF0D3CDA851D995E1D9E33B1E60D55AD6F46FD4068FE931DAA0CD740C90EBEC1F94AF09456B299C139B06053729CF32A1263B75EE0846C3634F45BE5E6F6868F09F5512E794FF085035DF9E06A5AE9C7E7F0A89F385C932ED8633301CFBDB40E138826C74EF05B6087C31B763D5FC93E60F5682E196AA91437080C09B1B78AD291BBCFA9315C16A668A5D54D8249FC412D9E204DC844AC51394323FA8C2D621642C9717D6BF0827BF7AAE42B99A5CA8A52E0617E979C76A31E9DC0CB0E56D5E788C469F661233C07580CC96B1599EA1F91ED61A14F3C8F30203010001

**Basic Constraints** IsCA: false

**Authority Key Identifier** 73:49:F1:40:1C:14:04:7C:9A:12:7F:FA:2F:CD:5C:67:23:18:E9:14

**Authority Info Access**  
<http://qca-g1.digitalsign.pt/DIGITALSIGNQUALIFIEDCAG1.p7b>  
<http://qca-g1.digitalsign.pt/ocsp>

**Subject Alternative Name** jeroen.rathe@ec.europa.eu

**Certificate Policies**  
Policy OID: 1.3.6.1.4.1.25596.4.1.1  
CPS pointer: <http://pki.digitalsign.pt>  
Policy OID: 1.3.6.1.4.1.25596.4.2.1.1.1.4  
Policy OID: 0.4.0.194112.1.2

**Extended Key Usage** id\_kp\_clientAuth

**CRL Distribution Points** <http://qca-g1.digitalsign.pt/DIGITALSIGNQUALIFIEDCAG1.crl>

**Subject Key Identifier** 04:14:67:3B:6D:AB:77:9D:D2:29:FB:D1:D3:F3:EA:64:D7:CC:DB:69

**QCStatements - crit. = false**  
id\_etsi\_qcs\_QcCompliance  
id\_etsi\_qcs\_QcSSCD

**Key Usage:** nonRepudiation

**Thumbprint algorithm:** SHA-256

**Thumbprint:** C7:A2:A6:70:C4:0E:B3:D9:52:AB:AF:5A:6F:84:E7:DA:9E:F5:8C:36:62:DF:54:77:4F:2C:35:0B:5C:95:D8:F3

EU TSL digital identities

## TSL Scheme Operator certificate fields details

**Version:** 3

Serial Number: 21267647932559404339035760224263512027

X509 Certificate

-----BEGIN CERTIFICATE-----
MIIG7zCCBzGgAwIBAgIQEAAA...
-----END CERTIFICATE-----

Signature algorithm: SHA256withRSA

Issuer SERIAL NUMBER: 201803

Issuer CN: Citizen CA

Issuer O: Certipost N.V./S.A.

Issuer L: Brussels

Issuer C: BE

Subject SERIAL NUMBER: 72020329970

Subject GIVEN NAME: Patrick Jean

Subject SURNAME: Kremer

Subject CN: Patrick Kremer (Signature)

Subject C: BE

Valid from: Sat Jun 02 00:04:19 CEST 2018

Valid to: Wed May 31 01:59:59 CEST 2028

Public Key: 30820122300D06092A86F70D01010105000382010F003082010A0282010100AFB83B56B8836386ACDD1E0B3CE83B8F1F98A71F369530EC056FF18396FD215307CFF5797490337932AF84B1B94B83E4E8A77613E87F05951A27A7BD06BF0FA28ED90F93B65091F7B3D3272E01B2D788DC764B7DC461BD2C625A7C3260604D0B90985683480006B0DE6A9146060EFA01FEA4FB83CD112257524617014AB44FE5A8704686A4885E35065D323D292F11EDCB0D48C8F15C7585E1A32FA862B49171AC79A4DC9FD8604DB71EB96D8F0221BF9E0D333CCE4C06043157C339A71853CC45ECF738D93FC82A185AF13CA50D27C8FC3FC3F7383B74754DE3BC910A3C87D4262C413DE8713093305BE4E315B36EFC22BB49F2A4F68B54B8550203010001

Authority Key Identifier: D9:34:21:3E:3A:42:25:6D:E1:BB:BF:BE:47:4C:F8:02:AD:E3:2F:54

Authority Info Access: http://certs.eid.belgium.be/citizen201803.crt

http://ocsp.eid.belgium.be/2



**Subject OU:** *RemoteQSCDManagement*  
**Subject GIVEN NAME:** *CONSTANTIN-ADRIAN*  
**Subject SURNAME:** *CROITORU*  
**Subject E:** *adrian.croitoru@ec.europa.eu*  
**Subject OU:** *Entitlement - EC OFFICIAL*  
**Subject O:** *EUROPEAN COMMISSION*  
**Subject 2.5.4.97:** *LEIXG-254900ZNYA1FLUQ9U393*  
**Subject OU:** *Certificate Profile - Qualified Certificate - Member*  
**Subject C:** *RO*  
**Valid from:** *Wed Sep 29 11:45:34 CEST 2021*  
**Valid to:** *Tue Sep 26 11:45:34 CEST 2023*  
**Public Key:**   
30:82:01:22:30:0D:06:09:2A:86:48:86:F7:0D:01:01:05:00:03:82:01:0F:00:30:82:01:0A:02:82:01:01:00:BA:D8:3A:45:C4:EB:99:BB:8C:3E:8C:46:4A:83:02:D4:EE:7E:D7:9D:73:01:D6:B0:DB:50:24:95:03:A7:90:43:0A:0B:C6:9A:E5:DE:2E:B4:9D:E7:7E:24:15:20:64:3D:EA:D1:46:BB:C8:5B:F2:8B:2E:C7:36:94:AF:AC:9C:CF:9C:BF:3A:24:55:32:4A:FD:EB:68:BB:2F:31:2F:FE:32:05:76:E2:00:40:C9:AB:FK:50:13:BE:89:70:F9:00:AE:21:DF:16:24:96:95:5B:4E:3F:87:E0:EB:10:F9:9B:5E:6C:7C:02:83:6B:AD:24:DE:25:C4:1A:9E:6E:60:67:2E:63:68:34:FF:7C:3D:DC:25:8A:5E:76:40:04:F5:76:A2:2E:67:EF:E0:B9:EF:3A:F9:CD:1E:E2:15:79:8F:8B:5E:FA:DD:2D:51:6:D:48:29:FB:63:7E:DB:D0:6C:15:59:35:02:92:F8:70:63:5C:68:26:6D:5F:80:CF:CE:2F:17:CD:D1:21:41:1C:58:A1:44:F0:F6:A8:F1:DD:9E:EF:C2:C4:7E:3F:08:BB:C4:64:CD:88:8C:90:0F:81:4C:48:C1:B2:72:DF:62:2E:88:87:DA:75:30:1E:1D:AB:F3:34:CD:4D:0F:FB:10:9C:AC:A9:78:31:F5:5A:26:9E:30:FB:30:E1:02:03:01:00:01  
**Basic Constraints** *IsCA: false*  
**Authority Key Identifier** *73:49:F1:40:1C:14:04:7C:9A:12:7F:FA:2F:CD:5C:67:23:18:E9:14*  
**Authority Info Access** *http://qca-g1.digitalsign.pt/DIGITALSIGNQUALIFIEDCAG1.p7b*  
*http://qca-g1.digitalsign.pt/ocsp*  
**Subject Alternative Name** *adrian.croitoru@ec.europa.eu*  
**Certificate Policies** *Policy OID: 1.3.6.1.4.1.25596.4.1.1*  
*CPS pointer: http://pki.digitalsign.pt*  
*Policy OID: 1.3.6.1.4.1.25596.4.2.1.1.1.4*  
*Policy OID: 0.4.0.194112.1.2*  
**Extended Key Usage** *id\_kp\_clientAuth*  
**CRL Distribution Points** *http://qca-g1.digitalsign.pt/DIGITALSIGNQUALIFIEDCAG1.crl*  
**Subject Key Identifier** *45:F4:B8:36:70:B8:41:F1:00:29:8E:5D:AA:8C:C7:92:CF:B4:37:24*  
**QCStatements - crit. = false** *id\_etsi\_qcs\_QcCompliance*  
*id\_etsi\_qcs\_QcSSCD*  
**Key Usage:** *nonRepudiation*



Thumbprint algorithm:

SHA-256

Thumbprint:

64:A9:CD:80:29:2F:DB:5A:64:96:EC:FC:F0:DF:DB:E6:A4:41:FB:CE:DF:E3:6F:0B:21:4A:8F:45:2E:77:AF:A8

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version:

3

Serial Number:

362671125803220245397713982254227056881701192273

X509 Certificate

-----BEGIN CERTIFICATE-----
MIHLjCCBRagAwIBAgIU...
-----END CERTIFICATE-----

Signature algorithm:

SHA256withRSA

Issuer CN:

QuoVadis Belgium Issuing CA G2

Issuer O:

QuoVadis Trustlink BVBA

Issuer 2.5.4.97:

NTRBE-0537698318

Issuer C:

BE

Subject CN:

European Commission

Subject O:

COMMISSION DE L'UNION EUROPEENNE - COMMISSIE VAN DE EUROPESE UNIE

Subject 2.5.4.97:

NTRBE-0949383342

Subject OU:

Directorate-General for Informatics

Subject C:

BE

Valid from:

Thu Jan 21 09:48:38 CET 2021

Valid to:

Sun Jan 21 09:58:00 CET 2024

Public Key:

30 82 01 22 30 0D 06 09 2A 86 48 86 FF 0D 01 01 01 05 00 03 82 01 0F 00 30 82 01 0A 02 82 01 01 00 C0 AA E3 44 90 59 AA 91 91 B7 39 9E C7 4F 8C B2 B2 C6 08 58 CC 12 C9 0A 67 8D DF F9 DD 0F 99 8C CE 1C BD B6 C3 FC 58 EA 6C 7E 2F 02 9C C0 F9 B8 AB 04 12 64 B9 16 3E F7 0D 0F AC 2F D3 C8 C9 F9 8B CC 12 55 86 E0 B2 CF 02 A9 0E 21 40 84 06 BE 79 CF CB 4F 25 51 6B AF A8 0A 1F 75 F1 95 1C 3C 35 57 A4 2B 46 03 7B 7A 59 2D 29 0A 0A C8 24 D9 19 7A AB B6 C8 85 94 67 18 B2 54 E0 02 62 69 31 99 68 56 9C 67 BB 2D 16 8B BF CD 0F 08 8D 10 11 12 F6 07 35 7E 98 A6 F6 B5 0C A5 52 98 4F 3C 8F 21 77 D2 C6 F4 4C 02 BD 24 97 BF 4B 5B E2 B2 B5 0B E9 48 73 1B 98 B2 E8 BB 74 DC 9F C3 D5 07 0C 19 EE 23 9E 39 D9 CD CE D7 C3 79 F8 64 88 FE E8 84 98 E2 3C B5 EF 9E 6E E6 E7 EB 34 6C 91 E3 E1 93 72 12 51 C3 C6 2 0 07 83 29 5F 69 09 97 B3 04 6C AC AB 92 25 36 40 B5 0B 80 2D 61 2D 9E 28 57 02 03 01 00 01



**Issuer C:** *PT*  
**Subject CN:** *APOSTOLOS APLADAS*  
**Subject OU:** *RemoteQSCDManagement*  
**Subject GIVEN NAME:** *APOSTOLOS*  
**Subject SURNAME:** *APLADAS*  
**Subject E:** *apostolos.apladas@ec.europa.eu*  
**Subject OU:** *Entitlement - EC STATUTORY STAFF*  
**Subject O:** *EUROPEAN COMMISSION*  
**Subject 2.5.4.97:** *LEIXG-254900ZNYA1FLUQ9U393*  
**Subject OU:** *Certificate Profile - Qualified Certificate - Member*  
**Subject C:** *GR*  
**Valid from:** *Thu Sep 30 20:56:17 CEST 2021*  
**Valid to:** *Fri May 10 20:56:17 CEST 2024*  
**Public Key:**  
30:82:01:22:30:0D:06:09:2A:86:48:86:F7:0D:01:01:05:00:03:82:01:0F:00:30:82:01:0A:02:82:01:01:00:B0:04:64:38:73:22:52:BF:B8:BE:C2:8B:02:88:8F:E9:7E:2D:1D:E5:6C:D1:8E:7D:C2:A4:5D:63:00:20:F9:E6:DE:6F:4  
B:9B:88:D9:86:CC:60:CC:C5:EB:A7:BE:4F:01:CD:91:16:9E:ED:90:8B:EC:B3:4E:B7:1B:A4:F8:4D:3D:32:5A:9B:53:12:84:9C:F1:46:76:C4:4C:CD:B9:26:3A:C2:F4:9C:8A:1E:C4:36:F5:26:EE:94:90:34:72:78:77:FK:72:1E  
B4:EC:CB:A2:8D:B7:3C:27:DA:38:12:AF:49:0C:3E:1C:02:5E:73:0E:57:B0:41:3E:61:60:BE:B8:ED:43:81:11:53:56:7C:68:6D:4A:46:24:C7:2F:9A:6C:ED:2D:DA:37:48:28:EF:B9:14:EE:09:13:49:12:60:43:63:45:A1:98:AF:40  
F7:C6:D4:16:05:A2:AF:42:83:56:03:FC:87:5A:65:91:98:B7:DE:92:FB:46:FF:F5:D3:83:90:C0:4F:10:E1:C0:EA:F1:30:99:A9:9E:B1:60:D9:43:C7:A7:93:65:CC:33:54:B9:E2:C2:F7:6C:F8:48:40:26:1A:A0:91:32:FB:9B:9E:A  
B:E2:A9:1F:88:58:28:CF:2F:11:74:FD:20:85:E6:FC:39:BF:C4:C9:83:45:7D:55:BF:61:02:03:01:00:01  
**Basic Constraints** *IsCA: false*  
**Authority Key Identifier** *73:49:F1:40:1C:14:04:7C:9A:12:7F:FA:2F:CD:5C:67:23:18:E9:14*  
**Authority Info Access** *http://qca-g1.digitalsign.pt/DIGITALSIGNQUALIFIEDCAG1.p7b*  
*http://qca-g1.digitalsign.pt/ocsp*  
**Subject Alternative Name** *apostolos.apladas@ec.europa.eu*  
**Certificate Policies** *Policy OID: 1.3.6.1.4.1.25596.4.1.1*  
*CPS pointer: http://pki.digitalsign.pt*  
*Policy OID: 1.3.6.1.4.1.25596.4.2.1.1.1.4*  
*Policy OID: 0.4.0.194112.1.2*  
**Extended Key Usage** *id\_kp\_clientAuth*  
**CRL Distribution Points** *http://qca-g1.digitalsign.pt/DIGITALSIGNQUALIFIEDCAG1.crl*  
**Subject Key Identifier** *4C:AE:E4:29:C7:24:AB:5C:8E:DB:DC:D6:59:56:D3:5E:CA:10:0C:DB*

QCStatements - crit. = false

id\_etsi\_qcs\_QcCompliance

id\_etsi\_qcs\_QcSSCD

Key Usage:

nonRepudiation

Thumbprint algorithm:

SHA-256

Thumbprint:

26:97:CD:0F:55:AE:D0:90:50:55:89:4E:E0:B6:3D:7C:31:C8:75:55:4C:C6:39:4B:5C:35:41:CA:CB:4B:1E:F1

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version:

3

Serial Number:

60213747836971875367469109022676830970210644486

X509 Certificate

-----BEGIN CERTIFICATE-----
MIHQTCCBSmgAwIBAgIU...
-----END CERTIFICATE-----

Signature algorithm:

SHA256withRSA

Issuer CN:

QuoVadis Belgium Issuing CA G2

Issuer O:

QuoVadis Trustlink BVBA

Issuer 2.5.4.97:

NTRBE-0537698318

Issuer C:

BE

Subject CN:

European Commission

Subject O:

COMMISSION DE L'UNION EUROPEENNE - COMMISSIE VAN DE EUROPESE UNIE

Subject 2.5.4.97:

NTRBE-0949383342

Subject OU:

DG for Communications Networks, Content and Technology

Subject C:

BE

Valid from:

Thu Jan 21 09:48:23 CET 2021

**Valid to:** Sun Jan 21 09:58:00 CET 2024

**Public Key:**  
30820122300D06092A864886F70D010105000382010F003082010A0282010100ED0F56E73F3D2FC88D20C47F987BF504CA CB31D535B25E64F64A35FC4F4A11DFACAE  
F85BC4233601EEAE C2180D89354C4A74E3E0162E0C6718FD8CEA98C2A475F9C8CF9CDCD7B1DC834B6420F2D6ACFB7785FAA663A386AA6C303D2A273B9FAE0D  
C7BE0581972FBE285A7A894DCE864FA4A3610332797BF27DFD49838A42F902F9DE D72970D7FB74EE442731C07C80E9F0720B79BB5A7EF580400E7E3EC7F7053F494  
7419D67AA7C8C7E3067B42046EBF0A3DA6B4CE38BE57422AD4437469E8EC C4F99714EF C2821C100E4BBA96DDBBDB2E747B094F888EB9BF10B212376E31EA3FB9F  
BABE3AC379457E57FDB9881B4DF78FB627F837E008AC04E1E2AC6470203010001

**Authority Key Identifier** 87:C9:BC:31:97:12:7A:73:BB:7E:C0:3D:45:51:B4:01:25:95:51:AB

**Authority Info Access**  
<http://trust.quovadisglobal.com/qvbecag2.crt>  
<http://uw.ocsp.quovadisglobal.com>

**Certificate Policies**  
Policy OID: 1.3.6.1.4.1.8024.1.400  
CPS pointer: <http://www.quovadisglobal.com/repository>  
Policy OID: 0.4.0.194112.1.3

**Extended Key Usage** *id\_kp\_clientAuth* - Unknown ExtendedKeyUsage OID: 1.3.6.1.4.1.311.10.3.12

**QCStatements - crit. = false**  
*id\_etsi\_qcs\_QcCompliance*  
*id\_etsi\_qcs\_QcSSCD*

**CRL Distribution Points** <http://crl.quovadisglobal.com/qvbecag2.crl>

**Subject Key Identifier** 4A:22:89:3F:0C:59:BE:58:B9:D5:4E:F9:11:F8:5D:11:1A:C3:7F:DF

**Key Usage:** *digitalSignature* - *nonRepudiation*

**Thumbprint algorithm:** SHA-256

**Thumbprint:** 91:27:BC:BD:E1:58:6E:02:DB:9D:71:49:88:13:9E:A2:80:5F:21:DC:08:83:48:A7:E4:FE:62:69:89:51:38:BD

**TSL Type** <http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUlistofthelists>

**Scheme Territory** EU

**Mime Type** *application/vnd.etsi.tsl+xml*

**Scheme Operator Name**

**Name** [ en ] European Commission

**Scheme Type Community Rules**

**URI** [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUlistofthelists>

**List Issue Date Time** 2023-05-05T08:19:32Z

**Next Update**

**date Time** 2023-11-05T09:19:32Z

## Distribution Points

URI

*<https://trusted-list.lu/tsl.xml>*

**1 - TSP: LuxTrust S.A.****TSP Name**

**Name** [ en ] *LuxTrust S.A.*

**TSP Trade Name**

**Name** [ en ] *VATLU-20976985*

**Name** [ fr ] *TVALU-20976985*

**PostalAddress**

**Street Address** [ en ] *IVY Building - 13-15 Parc d'Activités*

**Locality** [ en ] *Capellen*

**Postal Code** [ en ] *L-8308*

**Country Name** [ en ] *LU*

**PostalAddress**

**Street Address** [ fr ] *IVY Building - 13-15 Parc d'Activités*

**Locality** [ fr ] *Capellen*

**Postal Code** [ fr ] *L-8308*

**Country Name** [ fr ] *LU*

**PostalAddress**

**Street Address** [ de ] *IVY Building - 13-15 Parc d'Activités*

**Locality** [ de ] *Capellen*

**Postal Code** [ de ] *L-8308*

**Country Name** [ de ] *LU*

**ElectronicAddress**

**URI** [ en ] *mailto:info@luxtrust.lu*

**URI** [ fr ] *mailto:info@luxtrust.lu*

**URI** [ de ] *mailto:info@luxtrust.lu*

URI [en] <https://www.luxtrust.lu/en>

URI [fr] <https://www.luxtrust.lu/fr>

URI [de] <https://www.luxtrust.lu/de>

**TSP Information URI**

URI [en] <https://www.luxtrust.lu/en/repository>

URI [fr] <https://www.luxtrust.lu/fr/repository>

URI [de] <https://www.luxtrust.lu/de/repository>

**1.1 - Service (withdrawn): LuxTrust Qualified Certification Authority**

**Service Type Identifier**

<http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

**Service type description** [en] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

[fr] Un service de génération de certificat et la signature de la création de certificats qualifiés sur la base de l'identité et d'autres attributs vérifiées par les services d'enregistrement pertinents.

[de] Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.

**Service Name**

**Name** [en] LuxTrust Qualified Certification Authority

**Service digital identities**

**Certificate fields details**

**Version:** 3

**Serial Number:** 1003

**X509 Certificate**

```
-----BEGIN CERTIFICATE-----
MIHDRCCAigAwIBAgICA+swoDOY/KoZlbcNAQEFBQAwODELMAgA1UEEBMCTFUsFjAUBgNVBAAwTDUxIefRydxN0HMuYSAgTAXBgNVBAMTEiE1efRydxN0HJv3Q0EwHbcNMDgwNjA1MDkyNT10
WhcNMTYxMDE4MTA0MDRwBjBMOswCQYDVQQGEwJVTEwWMBQGA1UEChMNTHV4VHJic3Q0Uy5SBLjEj
MhwGA1UEAxMNVHJic3Q0Uy5SBLjEjXXBic3Q0Uy5SBLjEjXXBic3Q0Uy5SBLjEjXXBic3Q0Uy5SBLjEj
CgKCAQEAybEXzA+s8RnvlCd+sZ8BhH6W03LmalJ4f9Ygd9VBVclwl.mMx9KqAKF3u4B87Hec5NLAX
vbm/B9DuDUH5OGZ3P2Dw7TpuVvEATvW8jzYqCZarLthz9hux+Kt4TT+d4y6kgVgg9y9DBE+bz6
35ozZPPQY9kwr88RBN738KAMl68s7ZDpIL37WHS44TWO9P1/LBRVcZf8WqE1bu/ur+kwE5
mTulK+nc17+F50QRbAD+C4WILfWazul=-T6ZaZ6tqg+vqg6kKwL6VZmwKKJpV3+3Wgy3q5
tpDsG4kXdlrOgKscDn8y7IDG3Q0BqF1Yd7ac7zwIDAQABoHUMHMA8GA1UdEwQIMAYB
ABCAQAwQgYDVRR08BdswOTA3BggrSBAQEBAEADACkAGCC3GAOQ/FBwBFBH1sdlfRw08cmVub3Np
dE9yS3SxwYkcmVzcmVudFARBgkqhkiG9w0BCAQEEBAMCAAcwDgYDVROPAQHBAQDAgIFGMRGA1Ud
IwQYMBuAFNzK1zDx-ZFv6ldw-DCXrkGN3wIMDEGA1UdHwQjMCgwwIqAKoCKGIG0dHAA6Ly9jcmwu
bHJic3Q0Uy5SBLjEjXXBic3Q0Uy5SBLjEjXXBic3Q0Uy5SBLjEjXXBic3Q0Uy5SBLjEjXXBic3Q0Uy5SBLjEj
hK6G9w0BAQEAQAQEAAsmpOqgEXTfGqHBWMAwDBMIZQHhPycCmw32Oj1lqezO5nDnjGz5g2m
tp5fMpv/xmCkqjO92PvYbcHNSLpP1SjCkyn1066pmzPK0MhgVvPglAgA5dXX1NBQ077cW
u6g5VKQEMLzqxTcsq4mlL9LZ8Y1JczMaWscLIZCB4kccVvqHf4+T0uacZuXZz9v9vT
t2M+OG8qGmksW8kGscel-MgYWrskADKIDZMr4bOksmlccSQornX7DugxM0H47MkCz7AuZzW
U6qQjCLBkxUcY73pY0jL1Thr7S64cl12yur+NjHAFZ2DTXwxKq/FQg==
-----END CERTIFICATE-----
```

**Signature algorithm:** SHA1withRSA

**Issuer CN:** LuxTrust root CA

**Issuer O:** LuxTrust s.a.

**Issuer C:** LU



**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**Valid from:** *Thu Jun 05 11:25:24 CEST 2008*

**Valid to:** *Tue Oct 18 12:40:34 CEST 2016*

**Public Key:**  
30820122300D06092A864886F70D01010105000382010F003082010A0282010100C9B157CC0FBC44D9EF94277EB19F019C7E963B72E668B8B8D7D62077D54161C2302E6  
331FAA800285DEE01F3B1DE7B934BE17BE19BF07D0E0041F93866773F60F07EBA6E85512F013BD6F23CD8AB40B36A852D8736FD8B1F3A4DD4D3F9DE32EA1D920  
560832F4305EF9BCFADE9A199B63CF413F6ACE8478F1104DEF7D0A03F30921AD126BB643A612F7ED61D2038FD35A1F45D7F2C1455182D05E0C835854FEFAA4A2F17  
9993B942BE9DC53BF854B4710461003F82E167CB23F5AEC EE13E4FA66E67A22A83AFAFAA07FA88AC0BEA25599B02A424FBD5DFE DD6832DF3AB9B690EFB081A3E2  
45DD06B89018AB047837CD32EF50C6DC E741A85D5877B99EEF38B0203010001

**Basic Constraints** *IsCA: true - Path length: 0*

**Certificate Policies** *Policy OID: 1.3.171.1.1.1.0*  
*CPS pointer: http://repository.luxtrust.lu*

**Authority Key Identifier** *DD:8A:D7:30:F1:F9:91:71:E9:47:70:0C:25:E5:AC:A1:8D:DF:8C:25*

**CRL Distribution Points** *http://crl.luxtrust.lu/LTRCA.crl*

**Subject Key Identifier** *8D:90:A3:07:DD:1A:13:77:99:4C:92:AB:4D:43:DE:3F:CD:29:64:05*

**Key Usage:** *digitalSignature - nonRepudiation - keyCertSign - cRLSign*

**Thumbprint algorithm:** *SHA-256*

**Thumbprint:** *FE:5D:1F:DE:82:82:0A:C6:9F:02:65:80:8C:4E:69:4A:CF:0A:FA:05:6B:56:A4:EA:84:98:4D:52:A8  
:5B:F7:D7*

## X509SubjectName

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn*

**Service status description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

**Status Starting Time** *2017-02-23T00:00:00Z*

### 1.1.1 - Extension (critical): additionalServiceInformation

#### AdditionalServiceInformation

URI [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

### 1.1.2 - History instance n.1 - Status: granted

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

#### Service Name

**Name** [ en ] *LuxTrust Qualified Certification Authority*

#### Service digital identities

##### X509SubjectName

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

##### X509SKI

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

**Status Starting Time** *2016-06-30T22:00:00Z*

### 1.1.2.1 - Extension (critical): additionalServiceInformation

#### AdditionalServiceInformation

URI [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

### 1.1.3 - History instance n.2 - Status: undersupervision

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

#### Service Name

**Name** [ en ] *LuxTrust Qualified Certification Authority*

#### Service digital identities

##### X509SubjectName

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

#### **X509SKI**

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision*

**Status Starting Time** *2013-10-13T00:00:00Z*

#### **1.1.4 - History instance n.3 - Status: accreditationceased**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

#### **Service Name**

**Name** *[ en ] LuxTrust Qualified Certification Authority*

#### **Service digital identities**

#### **X509SubjectName**

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

#### **X509SKI**

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accreditationceased*

**Status Starting Time** *2013-10-12T23:59:59Z*

#### **1.1.5 - History instance n.4 - Status: accredited**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

#### **Service Name**

**Name** *[ en ] LuxTrust Qualified Certification Authority*

#### **Service digital identities**

**X509SubjectName**

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accredited*

**Status Starting Time** *2009-10-13T00:00:00Z*

**1.1.6 - History instance n.5 - Status: undersupervision**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

**Service Name**

**Name** *[ en ] LuxTrust Qualified Certification Authority*

**Service digital identities****X509SubjectName**

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision*

**Status Starting Time** *2008-07-29T00:00:00Z*

**1.2 - Service (deprecatedatnationallevel): LuxTrust Time Stamping Authority**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC*

**Service type description** *[ en ] A time stamping service as part of a service from a trust service provider issuing qualified certificates that issues time-stamp tokens (TST) that can be used in the validation process of qualified signature or advanced signatures supported by qualified certificates to ascertain and extend the signature validity when the qualified certificate is (will be) revoked or expired (will expire).*

- [fr] *Un service d'horodatage dans le cadre d'un service d'un prestataire de service de confiance délivrant des certificats qualifiés qui émet des jetons d'horodatage (TST) qui peut être utilisé dans le processus de validation de signature qualifiée ou signatures avancées soutenues par des certificats qualifiés pour vérifier et étendre la signature validité lorsque le certificat qualifié est (sera) la révocation ou d'expiration (expire).*
- [de] *Ein Zeitstempeldienst als Teil eines Service aus einer Treuhandservice-Anbieter, die qualifizierte Zertifikate, die Zeitstempel-Tokens (TST) gibt, die in der Validierung der qualifizierten Signatur oder fortgeschrittene Signaturen durch qualifizierte Zertifikate unterstützt verwendet werden können, um festzustellen und verlängern die Unterschrift Gültigkeit, wenn das qualifizierte Zertifikat wird (werden) widerrufen oder abgelaufen (verfallen).*

**Service Name**

Name [en] *LuxTrust Time Stamping Authority*

**Service digital identities****Certificate fields details**

Version: 3

Serial Number: 1003

**X509 Certificate**

-----BEGIN CERTIFICATE-----

```
MIDRDCCAigAwIBAgIQA+sDOY/KoZlveNAQEFBQAwODELMAgA1UEEBMCFUuFjAUjB9NVBAoT
DUx1cFVydXN0HMoYSA8GTAxBG9NBAMTEExtcfRydxN0HJv3Q0Q0EwHhcnMDgwnNjA1MDkyNT10
WhcNMTYxMDE4MTA0MDMwYjBFM0swCQYDVQ0GEwJMVTEWMB0GA1UEChMNTHV4VHJlc3Q0Ly5SBlJl
MhwGA1UEAxMVTWVHV4VHJlc3Q0Ly5Xb3RlcmVudG9wIENhY2VzQ0EwIBIwIBAgEwIBIwIBAgEw
CgKCAQEAybXZA+sRNv/cd+sZ8BhH6W03Lmal.1419Ygd9VBYclw.mMx9KqAKF3u4B87Hcc5N1AX
vhuB9DuDUH5OGZ3P2Dw7pauVEATvW8jzYqCzarlJhzb9ux-KTdT=4y6kgVggy9DBE=bz6
35zZzPPQY9knoR48B8730KA.MJl68s7ZDnl.37WHS44TWO9P1LBRVcx0fMw1Bu/ur-kuwF5
mIuLk=nc17+FS0QRBAD+C4WILWazul=-T6ZuZ6lqg+vgf6kwl.6VZmwKKI.PvV3+3Wgy3sq5
ipDvstGy4KxdlInQKsEcDN8y71DG3OdBgfYd7ac7zwDAQABoHhMHRMA8GA1UdEwQIMAYB
AIBCAQAwQgYDVRR0BswOTA3BggrSBAQEBAQEADAAQCCcCAQOUBwIBBFIuodHfRw08ncmVub3Np
dG9ySsdX88enVzdcSsdIARBBglh2qBbvhCAQEEBAMCAAcwDgYDVROPAQHBAQDAgHGMBSGA1Ud
IwQYMBAFNZK1zDz+ZFc0tdwDCXhKGN34wIMDEGA1UdIwQpMCGwIqAkoCKGIGh0HhA6L.y9cmwu
hFV4dHJlc3Q0HhVtFRS0R0eY33sMB0GA1UdSwOwBBSNkMH3Rtd5IMkqN94zS8BTA.N8lqj
hKcG9w0BAQUFAAOCAQEAAspxOpqXTeyGgHBWMAwDBMIZQHhPpocCmw32Uj1lqezOSnDnjG5gDmI
ip5IFMv/xmCkqyO92PyYbcHNSUpP1SjCkyn10e6pmzpxK0MhgVvPglAgASdXcTND0O77eW
u6GzSVKQemZppKTCsyfmalL.9LZ8Y1JzMaWwE1TZ3B4kccKvYqfH4+T0uzczXTzrjpvVt
r2M+OG8iqOmKwBGkscelt=MgYWrskJADKZM4bOskxnhz.SQoraX7DugxM0H47Mtc7AuZrW
U6qQCLBkzxcUgy7B3pYojLlThr7S64cd12yuR+NjHAFZ2DTXwXg/FQg=
```

-----END CERTIFICATE-----

Signature algorithm: *SHA1withRSA*

Issuer CN: *LuxTrust root CA*

Issuer O: *LuxTrust s.a.*

Issuer C: *LU*

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

Valid from: *Thu Jun 05 11:25:24 CEST 2008*

Valid to: *Tue Oct 18 12:40:34 CEST 2016*

Public Key: *30820122300D06092A864886F70D01010105000382010F003082010A0282010100C9B157CC0FBC44D9EF94277EB19F019C7E963B72E668B8B8D7D62077D54161C2302E6331FA800285DEE01F3B1DE7B934BE17BE19BF07D0EE0D4F93866773F60F07EBA6EBS512F013BD6F23CD8ABAOB36A852D8736FD8B1F8A4D14D3F9DE32EA1D920360832F4305E.F0BC.FA.DF.AA.19.8B.63.CF.41.3F.64.CE.84.78.F1.10.40.EF.7D.0A.03.F3.09.21.AD.12.6B.B6.43.A6.12.F7.ED.61.D2.0F.83.D3.5A.1F.45.D7.F2.C1.45.81.82.D6.5E.0C.85.38.54.FE.FF.44.A2.F1.79.99.3B.94.2B.E9.DC.53.BF.85.4B.47.10.46.10.03.F8.2E.16.7C.B2.3F.5A.EC.EE.13.E4.FA.66.E6.7A.22.A8.3A.FA.FA.A0.7E.A8.8A.C0.BE.A2.55.99.B0.2A.42.4F.BD.5D.FE.DD.68.32.DF.3A.B9.B6.90.EF.B0.81.A3.E2.45.DD.D6.B8.90.18.AB.04.78.57.CD.F3.2E.F5.0C.6D.CE.74.1A.85.D5.87.7B.B9.EE.F3.8B.02.03.01.00.01*

Basic Constraints *IsCA: true - Path length: 0*

Certificate Policies *Policy OID: 1.3.171.1.1.1.1.0*  
*CPS pointer: http://repository.luxtrust.lu*

**Authority Key Identifier** *DD:8A:D7:30:F1:F9:91:71:E9:47:70:0C:25:E5:AC:A1:8D:DF:8C:25*

**CRL Distribution Points** *http://crl.luxtrust.lu/LTRCA.crl*

**Subject Key Identifier** *8D:90:A3:07:DD:1A:13:77:99:4C:92:AB:4D:43:DE:3F:CD:29:64:05*

**Key Usage:** *digitalSignature - nonRepudiation - keyCertSign - cRLSign*

**Thumbprint algorithm:** *SHA-256*

**Thumbprint:** *FE:5D:1F:DE:82:82:0A:C6:9F:02:65:80:8C:4E:69:4A:CF:0A:FA:05:6B:56:A4:EA:84:98:4D:52:A8:5B:F7:D7*

**X509SubjectName**

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**Service Status***http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel*

**Service status description** *[en] undefined.*

*[fr] undefined.*

*[de] undefined.*

**Status Starting Time** *2017-02-23T00:00:00Z*

**1.2.1 - History instance n.1 - Status: recognisedatnationallevel**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC*

**Service Name**

**Name** *[en] LuxTrust Time Stamping Authority*

**Service digital identities****X509SubjectName**

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel>

**Status Starting Time** 2016-06-30T22:00:00Z

### 1.2.2 - History instance n.2 - Status: undersupervision

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC>

#### Service Name

**Name** [ en ] *LuxTrust Time Stamping Authority*

#### Service digital identities

##### X509SubjectName

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

##### X509SKI

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>

**Status Starting Time** 2013-10-13T00:00:00Z

### 1.2.3 - History instance n.3 - Status: accreditationceased

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC>

#### Service Name

**Name** [ en ] *LuxTrust Time Stamping Authority*

#### Service digital identities

##### X509SubjectName

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accreditationceased*

**Status Starting Time** *2013-10-12T23:59:59Z*

**1.2.4 - History instance n.4 - Status: accredited**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC*

**Service Name**

**Name** *[ en ] LuxTrust Time Stamping Authority*

**Service digital identities****X509SubjectName**

**Subject CN:** *LuxTrust Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *jZCjB90aE3eZTJKrTUPeP80pZAU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accredited*

**Status Starting Time** *2009-10-13T00:00:00Z*

**1.3 - Service (withdrawn): LuxTrust Global Qualified Certification Authority**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

**Service type description** *[ en ] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.*

*[ fr ] Un service de génération de certificat et la signature de la création de certificats qualifiés sur la base de l'identité et d'autres attributs vérifiées par les services d'enregistrement pertinents.*

*[ de ] Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.*

**Service Name**

**Name** *[ en ] LuxTrust Global Qualified Certification Authority*

**Service digital identities**





**Thumbprint:** *DB:87:94:17:EC:14:24:E4:E5:7A:3C:91:EC:80:4C:5D:E4:C6:FD:E7:3C:C8:28:1C:D2:F5:BA:ED:76:DD:65:48*

## X509SubjectName

**Subject CN:** *LuxTrust Global Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

## Service Status

*http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn*

**Service status description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

**Status Starting Time** *2018-08-31T01:00:00Z*

### 1.3.1 - Extension (critical): additionalServiceInformation

#### AdditionalServiceInformation

**URI** *[ en ]* *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures*

### 1.3.2 - History instance n.1 - Status: granted

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

## Service Name

**Name** *[ en ]* *LuxTrust Global Qualified Certification Authority*

## Service digital identities

### X509SubjectName

**Subject CN:** *LuxTrust Global Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

### X509SKI

**X509 SK I** *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted*

**Status Starting Time** *2016-06-30T22:00:00Z*

**1.3.2.1 - Extension (critical): additionalServiceInformation**

**AdditionalServiceInformation**

**URI** *[ en ]* *<http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>*

**1.3.3 - History instance n.2 - Status: undersupervision**

**Service Type Identifier** *<http://uri.etsi.org/TrstSvc/Svctype/CA/QC>*

**Service Name**

**Name** *[ en ]* *LuxTrust Global Qualified Certification Authority*

**Service digital identities**

**X509SubjectName**

**Subject CN:** *LuxTrust Global Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

**Service Status** *<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>*

**Status Starting Time** *2013-10-13T00:00:00Z*

**1.3.4 - History instance n.3 - Status: accreditationceased**

**Service Type Identifier** *<http://uri.etsi.org/TrstSvc/Svctype/CA/QC>*

**Service Name**

**Name** *[ en ]* *LuxTrust Global Qualified Certification Authority*

**Service digital identities**

**X509SubjectName**

**Subject CN:** *LuxTrust Global Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

#### **X509SKI**

**X509 SK I** *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accreditationceased*

**Status Starting Time** *2013-10-12T23:59:59Z*

#### **1.3.5 - History instance n.4 - Status: accredited**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

#### **Service Name**

**Name** *[ en ] LuxTrust Global Qualified Certification Authority*

#### **Service digital identities**

#### **X509SubjectName**

**Subject CN:** *LuxTrust Global Qualified CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

#### **X509SKI**

**X509 SK I** *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accredited*

**Status Starting Time** *2012-11-30T00:00:00Z*

#### **1.3.6 - History instance n.5 - Status: undersupervision**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

#### **Service Name**

**Name** *[ en ] LuxTrust Global Qualified Certification Authority*

#### **Service digital identities**

**X509SubjectName****Subject CN:** LuxTrust Global Qualified CA**Subject O:** LuxTrust S.A.**Subject C:** LU**X509SKI****X509 SK I** NBYb8dNkZ2JMozS8DbNTpHyh8Rc=**Service Status**<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>**Status Starting Time**

2012-08-01T00:00:00Z

**1.4 - Service (deprecatedatnationallevel): LuxTrust Global Time Stamping Authority****Service Type Identifier**<http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC>**Service type description**

[en]

A time stamping service as part of a service from a trust service provider issuing qualified certificates that issues time-stamp tokens (TST) that can be used in the validation process of qualified signature or advanced signatures supported by qualified certificates to ascertain and extend the signature validity when the qualified certificate is (will be) revoked or expired (will expire).

[fr]

Un service d'horodatage dans le cadre d'un service d'un prestataire de service de confiance délivrant des certificats qualifiés qui émet des jetons d'horodatage (TST) qui peut être utilisé dans le processus de validation de signature qualifiée ou signatures avancées soutenues par des certificats qualifiés pour vérifier et étendre la signature validité lorsque le certificat qualifié est (sera) la révocation ou d'expiration (expire).

[de]

Ein Zeitstempeldienst als Teil eines Service aus einer Treuhandservice-Anbieter, die qualifizierte Zertifikate, die Zeitstempel-Tokens (TST) gibt, die in der Validierung der qualifizierten Signatur oder fortgeschrittene Signaturen durch qualifizierte Zertifikate unterstützt verwendet werden können, um festzustellen und verlängern die Unterschrift Gültigkeit, wenn das qualifizierte Zertifikat wird (werden) widerrufen oder abgelaufen (verfallen).

**Service Name****Name**

[en]

LuxTrust Global Time Stamping Authority

**Service digital identities****Certificate fields details****Version:**

3

**Serial Number:**

3803

**X509 Certificate**

-----BEGIN CERTIFICATE-----

```
MIIID6CCAIAgAwIBAgICDswDOYIKoZihvcNAQELBQAwRDELMAkGA1UEBmMCTFUXFjAUBgNVBAAoT
DUxiciFydXN0IHh0YySsHTAbBgnVBAMITExeFRydXN0IEVsb2JhcnB2MjB4XDTEyMDgyODEz
MDEwN1N0DTEyMDgyNzE1MTEwZjE1MAkGA1UEBmMCTFUXFjAUBgNVBAAoTDUxiciFydXN0IHh0
Q54KDAmBgnVBAMITH0xteFRydXN0IEVsb2JhcnB2MjB4W1l3RmBpbneg0EwgEEMAUOCSSiG5b3
DQEBAAQUAAIBDwAwggEKAoBAQC62E7aetGoL4M3xRc4SNpd9+MceLg91VPeccB8sVH4SkMUT
IebW013HqLkKripa06S0PebXWEgpm2atKRNSimM74pN8y1B8s00QubmZpp1x5iDpwqTKJI
iFV5YrH8H0OpX64gUEmO9hAo4cXW2w88ShwDg0eNu4SRoXM+mgPqZetKYD6bEVfw0
PSLcJpCo8ZJ067+M09b6YJMcI6aH5u0XdlYayjvBmKYGSBRcl7YrKnbS8rcutH8pmAIT
D8R481dYfWekYf6uq4V5ludSCRAI2EWURQeyfF8kclJf0zaABH8oux88FFyNagMBAAGjgdo
gdwDwYDR0TBAgwBgEBwIBADBDgNVHSAEPDA6MDgGCuBkEBAQoIMCwwKzYkwyBBQUHAgEw
HnhdH8R08vcemVwb3NpdG9eSsdXh0cncVzcSsdTALBgnVHQ8EBAMCAQYwHwYDR0jBBgwFAU
FwF9Kj08JbP085PKWeyNIE8wMeYDVR0BcswTAmcWw4YHhIRuCDwL2Ny9CSsdXh0cncVz
cSsd8MVEsdQ0E0Y3jAMB0GA1UdDgQWBBIvYLGH7YBoNjXV7CJZIGUGR08hZANBkqkqG9w0B
A08FAAOCAQEAwRloTracy0uMSS3+gbyT3leTHU10ig0ay0mK8q3MLjmWhwX06CjBwUfA06X4o
AEGS0A0FWVleYgZ2wSsdEzCAS0imz9ESsd8fVof+TtA68B0T9wEneC3KJlun080akWKT
jX5gNfPS9DIPWpBv4XPHMMH4cpy1dlj5QRT26xyrnGlx1UExUdhp6S8+P2mmFzUp01NM
xwFaRyE3gKJOVhAutO8QrDUQ48+HmiMVzxAhZr5ux0auyNafsjc00xkMgRkqPrNZQ5LC
hbGZyRv06lg-JH4Ca0k88mwVyzZnzEgBArVc48RajUdVw=
```

-----END CERTIFICATE-----

**Signature algorithm:**

SHA256withRSA

**Issuer CN:** *LuxTrust Global Root*

**Issuer O:** *LuxTrust s.a.*

**Issuer C:** *LU*

**Subject CN:** *LuxTrust Global Timestamping CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**Valid from:** *Tue Aug 28 15:07:47 CEST 2012*

**Valid to:** *Wed Mar 17 10:51:37 CET 2021*

**Public Key:**  
30820122300D06092A864886F70D01010105000382010F003082010A0282010100BA084EED01E206A0B337C5173848DA5D6FDF8C79E8CBAABDD553DE72F07CB151E2E1240C51321E6D61B5DCT26A18B29C9FD A5A3BAE743DE8575866E09B66942913528A633BE29341858074B1A D2B42E8BC9E965BA75C798A50F0AAL4E4275883B55E5B62B1FC849D10A57EAEE1C9541263BD87E028F87975B6C12F214A1C0381CD1E36EFB8491A1733E9E03EBA997AD2980FA6C4543C343D22DF089A46C7CD8953AFBF8C974BC1E98FC931C53AC47E6EE97754C9ACA322F06629819205109E2FB62B24A9C1B3C842BAB1DFF299809530DD478F357589085A029863AC6AE15E48B834880917001F6594430723C858BF3A93124CBF3B806C7F28C6ECBC1C5C8D0203010001

**Basic Constraints** *IsCA: true - Path length: 0*

**Certificate Policies**  
*Policy OID: 1.3.171.1.1.1.10.8*  
*CPS pointer: <https://repository.luxtrust.lu>*

**Authority Key Identifier** *17:15:85:89:09:2F:24:87:6F:3F:1D:1B:E4:F2:96:79:83:48:13:CE*

**CRL Distribution Points** *<http://crl.luxtrust.lu/LTGRCA.crl>*

**Subject Key Identifier** *F5:BF:22:C6:1D:FE:F2:06:83:23:5D:5E:C2:25:91:94:19:1D:3C:87*

**Key Usage:** *keyCertSign - cRLSign*

**Thumbprint algorithm:** *SHA-256*

**Thumbprint:** *53:0B:1D:74:9B:E7:AD:3A:7B:B7:83:26:B2:81:DB:CC:5D:F6:EA:5F:41:4A:7B:29:B9:70:B6:54:8B:04:49:07*

## X509SubjectName

**Subject CN:** *LuxTrust Global Timestamping CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

## Service Status

*<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/deprecatedatnationallevel>*

**Service status description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

**Status Starting Time** *2021-06-10T06:23:57Z*

**1.4.1 - History instance n.1 - Status: recognisedatnationallevel**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC*

**Service Name**

**Name** *[ en ] LuxTrust Global Time Stamping Authority*

**Service digital identities**

**X509SubjectName**

**Subject CN:** *LuxTrust Global Timestamping CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *9b8ixh3+8gaDI11ewiWRIBkdPIc=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel*

**Status Starting Time** *2016-06-30T22:00:00Z*

**1.4.2 - History instance n.2 - Status: undersupervision**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC*

**Service Name**

**Name** *[ en ] LuxTrust Global Time Stamping Authority*

**Service digital identities**

**X509SubjectName**

**Subject CN:** *LuxTrust Global Timestamping CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *9b8ixh3+8gaDI11ewiWRIBkdPIc=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision*

**Status Starting Time** *2013-10-13T00:00:00Z*

**1.4.3 - History instance n.3 - Status: accreditationceased**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC*

**Service Name**

**Name** *[ en ] LuxTrust Global Time Stamping Authority*

**Service digital identities**

**X509SubjectName**

**Subject CN:** *LuxTrust Global Timestamping CA*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *9b8ixh3+8gaDI11ewiWRIBkdPIc=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accreditationceased*

**Status Starting Time** *2013-10-12T23:59:59Z*

**1.4.4 - History instance n.4 - Status: accredited**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC*

**Service Name**

**Name** *[ en ] LuxTrust Global Time Stamping Authority*

**Service digital identities**

**X509SubjectName**

**Subject CN:** *LuxTrust Global Timestamping CA*

**Subject O:** *LuxTrust S.A.*



**Subject C:** LU

## X509SKI

**X509 SK I** 9b8ixh3+8gaDI11ewiWRIBkdPIc=

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/accredited>

**Status Starting Time** 2012-11-30T00:00:00Z

### 1.4.5 - History instance n.5 - Status: undersupervision

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC>

#### Service Name

**Name** [en] LuxTrust Global Time Stamping Authority

#### Service digital identities

##### X509SubjectName

**Subject CN:** LuxTrust Global Timestamping CA

**Subject O:** LuxTrust S.A.

**Subject C:** LU

## X509SKI

**X509 SK I** 9b8ixh3+8gaDI11ewiWRIBkdPIc=

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>

**Status Starting Time** 2012-10-03T00:00:00Z

### 1.5 - Service (withdrawn): LuxTrust Global Qualified Certification Authority 2

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

**Service type description** [en] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

[fr] Un service de génération de certificat et la signature de la création de certificats qualifiés sur la base de l'identité et d'autres attributs vérifiées par les services d'enregistrement pertinents.

[de] Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.

#### Service Name

**Name** [en] LuxTrust Global Qualified Certification Authority 2

**Service digital identities****Certificate fields details**

**Version:** 3

**Serial Number:** 4803

**X509 Certificate**

```
-----BEGIN CERTIFICATE-----
MIDITCCAAGAwBAGlCesMwDQYIKoZIhvcNAQELBQAwRDELMAkGA1UEBmMCTFUsFjAUBgNVBaoT
DUxleFRydXN0HMoYSAhIABBgNVBAMTFExleFRydXN0IEdsb2hkbC9Sb290BAXDTE0MDUyODEz
MDkxOFoXDTEwMDUyODEzMDkxOFowTjELMAkGA1UEBmMCTFUsFjAUBgNVBaoTDUxleFRydXN0IFMu
QSAhIABBgNVBAMTFExleFRydXN0IEdsb2hkbC9RbWVWZzZlZWQ6Q0E6MjCCASISWQYIKoZIhvcN
AQEBBQADggEPADCCAQoCqgEBAMRaetHqOx0icMdiVaB3SPIDTeneHMgenp4W/SuGimFETER3M
s9C6cAg9H63AzJpPdGjVWpREZ4goR29Y2Ys1S0kyW9ONFKwyDHm2UtonyTnx9hVNDdKA4DMNZ
uEUJk3FtaTae1u5ALLBb+q4fey1B4XZlPpoy3mmQ6020q0WgeCXYE191y1HUs6FZ6spr+w
y2qWzhzn7o81Y8S2+ecDgen2jphlae8PRLfEjuMLREcu/R03PDfxzussSb1dJQlmYELR6l
7Vgk+LkNXyY+vasXQyWzJ7oMeA6M4WkjEKWskIb0eF1VW8J66A/ldY7HUSCawEAaOB2jCB
1zaPBgNVHRMECTDAGAOhAgIAEMGA1UjIjANMDowDAYK4eAQEBKzNwLDAuBjgRiEjEFKcCARYc
aHR0cHM6Ly9yZXBvc2l083f5tms1eHRydXN0Lms1MAsGA1UgdDQwAwBBBjAIBgNVHSMEGDAWgBQX
FYWJCS8kh28HRv8pZ5g0gTzjAyBgNVHR8EKzpmCgJuaAhhfodHRwOi8vY3JlLms1eHRydXN0
Lms1LXN0Lm1lLjE2SS5icmwwH0YDVR0BBYEFPO+W3v21HJW0mD4DkK4M8BpMSMARGC5gCSB3DQEB
CWUAA4BAQCBlOXFYtOMb853+Oq49NENBFTcpohYLywsg8sbbs8OPARLmYPAKYk9y77
R78EYp89ASxqf15EgFADE022+q8SGnp0Vloir-WCC4k198kyOvypqzZAPEEe1Vxadjhw
sdRFT+aYmdu1o4GGNGTub+ys6kLU+NmaWbhrvc2j9YQFGi69WUj35zomO+VdHhwPXf
umhHag4p84B8kXYEDFpgNdlf8BnG5ULKHNdGcZ5bJZVxx8WlqC0BQ1UD1o2kollQy9G15U
EraQHx1BbVGA+eSbzZ7fpy1Va3K0z76usMSSOB7YU7c0Hq
-----END CERTIFICATE-----
```

**Signature algorithm:** SHA256withRSA

**Issuer CN:** LuxTrust Global Root

**Issuer O:** LuxTrust s.a.

**Issuer C:** LU

**Subject CN:** LuxTrust Global Qualified CA 2

**Subject O:** LuxTrust S.A.

**Subject C:** LU

**Valid from:** Wed May 28 15:09:18 CEST 2014

**Valid to:** Thu May 28 15:09:18 CEST 2020

**Public Key:** 30820122300D06092A864886F70D01010105000382010F003082010A0282010100C45A7AD207A8E5E5D1C31DB55B81DD2B4F9434DE9DE1CC81E9E9E16FF9BB81A298511311DCCB23F42E8978083D1FA4DC0FF2693DD1A3556A511191E20A11DBD63662CD52D24C96F4E3452B0C831E6DAD53A9F24E7C7D8533430E40380CC359B9FD4228D0C9EF169369ED6E8402E522FA0E1A3DE898B41E1766524F1AF4CB79A643AD36D25A905A07824550A575A751CBB84A0167A639F80CB8A96CE1CE7EE3A3CD58F12DA0F9C0FA9E9E68E984869EF0F44B448EE30B44472EFD1B74DCF0DFC718B6BAC9D26F576340899810BFD1E88ED580A9A949D05DC8EBDAB173AA59C959E831E03A88CB785A48C42960A07AD1E165556F09EBA9C0FF21D63B214B0203010001

**Basic Constraints** IsCA: true - Path length: 0

**Certificate Policies** Policy OID: 1.3.171.1.1.1.10.3  
CPS pointer: <https://repository.luxtrust.lu>

**Authority Key Identifier** 17:15:85:89:09:2F:24:87:6F:3F:1D:1B:E4:F2:96:79:83:48:13:CE

**CRL Distribution Points** <http://crl.luxtrust.lu/LTGRCA.crl>

**Subject Key Identifier** EF:96:BF:7D:65:3A:55:B4:D2:70:F8:0C:EC:4A:E2:F3:27:06:9A:52

**Key Usage:** keyCertSign - cRLSign

**Thumbprint algorithm:** SHA-256

**Thumbprint:** 7E:76:DA:9E:A8:D0:E6:C5:C6:30:23:D0:D8:C0:6E:55:5A:EC:E4:FE:34:6C:0E:50:69:3D:F6:BD:54:68:E4:84

## X509SubjectName

**Subject CN:** LuxTrust Global Qualified CA 2

**Subject O:** LuxTrust S.A.

**Subject C:** LU

## Service Status

<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn>

**Service status description** [en] undefined.  
[fr] undefined.  
[de] undefined.

**Status Starting Time** 2020-11-02T09:45:00Z

### 1.5.1 - Extension (critical): additionalServiceInformation

#### AdditionalServiceInformation

**URI** [en] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

### 1.5.2 - History instance n.1 - Status: granted

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

## Service Name

**Name** [en] LuxTrust Global Qualified Certification Authority 2

## Service digital identities

### X509SubjectName

**Subject CN:** LuxTrust Global Qualified CA 2

**Subject O:** LuxTrust S.A.

**Subject C:** LU

### X509SKI

**X509 SK I** 75a/fWU6VbTScPgM7Eri8ycGmlI=

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

Status Starting Time 2016-06-30T22:00:00Z

### 1.5.2.1 - Extension (critical): additionalServiceInformation

#### AdditionalServiceInformation

URI [en] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

### 1.5.3 - History instance n.2 - Status: undersupervision

Service Type Identifier <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

#### Service Name

Name [en] *LuxTrust Global Qualified Certification Authority 2*

#### Service digital identities

##### X509SubjectName

Subject CN: *LuxTrust Global Qualified CA 2*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

##### X509SKI

X509 SK I *75a/fWU6VbTScPgM7Eri8ycGmlI=*

Service Status <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>

Status Starting Time 2014-11-19T00:00:00Z

### 1.6 - Service (granted): LuxTrust Global Qualified Certification Authority 3

Service Type Identifier <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

Service type description [en] *A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.*

[fr] *Un service de génération de certificat et la signature de la création de certificats qualifiés sur la base de l'identité et d'autres attributs vérifiées par les services d'enregistrement pertinents.*

[de] *Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.*

#### Service Name

Name [en] *LuxTrust Global Qualified Certification Authority 3*



**CRL Distribution Points** *http://crl.luxtrust.lu/LTGRCA2.crl*

**Subject Key Identifier** *63:8F:C2:8B:03:B1:AB:8E:D8:53:47:96:1D:99:A8:7D:F6:AC:A8:75*

**Key Usage:** *keyCertSign - cRLSign*

**Thumbprint algorithm:** *SHA-256*

**Thumbprint:** *BE:D0:F1:9E:D4:6D:94:90:0D:2A:9F:CD:7C:6F:66:0B:61:FF:75:88:D8:B7:1C:F8:F2:79:D5:FA:A3:02:1C:CF*

**X509SubjectName**

**Subject CN:** *LuxTrust Global Qualified CA 3*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *Y4/CiwOxq47YU0eWHZmoffasqHU=*

**Service Status**

*http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted*

**Service status description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

**Status Starting Time**

*2018-04-06T13:00:00Z*

**1.6.1 - Extension (critical): additionalServiceInformation**

**AdditionalServiceInformation**

**URI** *[ en ]* *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures*

**1.6.2 - Extension (critical): additionalServiceInformation**

**AdditionalServiceInformation**

**URI** *[ en ]* *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSeals*

**1.6.3 - Extension (critical): Qualifiers [QCQSCDManagedOnBehalf, QCForESig]**

**Qualifier type description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

**Criteria list assert=all****Policy Identifier:****Identifier** *1.3.171.1.1.10.3.32***Description****1.6.4 - Extension (critical): Qualifiers [QCQSCDManagedOnBehalf, QCForESeal]**

<b>Qualifier type description</b>	<i>[en]</i>	<i>undefined.</i>
	<i>[fr]</i>	<i>undefined.</i>
	<i>[de]</i>	<i>undefined.</i>

**Criteria list assert=all****Policy Identifier:****Identifier** *1.3.171.1.1.10.3.33***Description****1.6.5 - Extension (critical): Qualifiers [NotQualified]**

<b>Qualifier type description</b>	<i>[en]</i>	<i>undefined.</i>
	<i>[fr]</i>	<i>undefined.</i>
	<i>[de]</i>	<i>undefined.</i>

**Criteria list assert=all****Policy Identifier:****Identifier** *1.3.171.1.1.10.3.21***Description****1.6.6 - History instance n.1 - Status: granted****Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC***Service Name****Name** *[en]* *LuxTrust Global Qualified Certification Authority 3***Service digital identities****X509SubjectName**

**Subject CN:** *LuxTrust Global Qualified CA 3*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

#### **X509SKI**

**X509 SK I** *Y4/CiwOxq47YU0eWHZmoffasqHU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted*

**Status Starting Time** *2016-06-30T22:00:00Z*

#### **1.6.6.1 - Extension (critical): additionalServiceInformation**

##### **AdditionalServiceInformation**

**URI** *[ en ]* *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures*

#### **1.6.7 - History instance n.2 - Status: undersupervision**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

#### **Service Name**

**Name** *[ en ]* *LuxTrust Global Qualified Certification Authority 3*

#### **Service digital identities**

##### **X509SubjectName**

**Subject CN:** *LuxTrust Global Qualified CA 3*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

#### **X509SKI**

**X509 SK I** *Y4/CiwOxq47YU0eWHZmoffasqHU=*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision*

**Status Starting Time** *2015-08-12T00:00:00Z*



## 1.7 - Service (withdrawn): LuxTrust Global Time Stamping Authority

### Service Type Identifier

<http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST>

#### Service type description

[en]

A time-stamping generation service creating and signing qualified time-stamps tokens.

[fr]

Un service de génération horodatage création et la signature temps timbres jetons qualifiés.

[de]

Ein Zeit-Stempel-Generation Service Erstellung und Unterzeichnung qualifizierte Zeitstempel-Tokens.

### Service Name

#### Name

[en]

LuxTrust Global Time Stamping Authority

### Service digital identities

#### Certificate fields details

#### Version:

3

#### Serial Number:

3803

#### X509 Certificate

-----BEGIN CERTIFICATE-----

```

MHID6jCCAhKgAwIBAgIcDswDOYJKozZhvNAQELBQAwRDELMAkGA1UEBhMCTTUXfjAUBgNVBAoT
DUx1eFRydXN0IHhhaWYsS2h0IHhhaWYsS2h0IHhhaWYsS2h0IHhhaWYsS2h0IHhhaWYsS2h0IHhhaWYs
MDc0NjE4NDIxMDMxMzA5NTEZNIowIzELMAkGA1UEBhMCTTUXfjAUBgNVBAoTDUx1eFRydXN0IHhhaWYs
OS4kADAmBgNVBAMTH0x1eFRydXN0IHhhaWYsS2h0IHhhaWYsS2h0IHhhaWYsS2h0IHhhaWYsS2h0IHhhaWYs
DDEBAQUAA4IBDwAwggEKAoIBAQCE7AeGdL4EXRcSNydlp9Meeclq91VFezB8V16f8AMUT
IcWGI3HqGLKen9p0650PebXWElgmm2aUKRNSimM74pNBhYB0s0rQu8npZp1x5lDwqTKJ1
iFV5bYH8h0OpX6a6cIlEm09hAo4cXW2wS8hSbwDgdcNu+4SRoXM+ngPqzctKfYD6bEVFw0
PSIcJp6c3U1877M0vB6YJMcU6cH5a6KdlvuyjvBmkYGSBRccl7YcKn8b9CwH8pmAIT
DdR48jdykIWgKYy6ux4V5l4DSjCRcAH2WUR0CqyF3s6kxJMVzuABH8oxay8HFYNAgMBAAAGdow
gdcwDwYDR0TBAgwBgEBwIBADBD8BNVHSAEPDA6MDpGcCuBkwEBAQIMCwwKgYKwYBBQUHAgEw
Hm0bH8L08wemYwNp8G0v8SsdX8cmVzck5eTALlEgnVH0REBAMCAQYwHwYDR0TBAgwFgAU
FwFfQKvJdvP405PKWcYNIE84wMgYDVR0BcswKTAocWgl4YhaHR0cDovL2NybcSadXh0cnVz
dC5sd89MVeASQ0eY3J6MB0GA1UdDgQWBBI1yLGH7yBoMjXV7JZGU0R08hZANBgkqhkiG9w0B
AQsFAoCAQEAWR0TBAgwBgEBwIBADBD8BNVHSAEPDA6MDpGcCuBkwEBAQIMCwwKgYKwYBBQUHAgEw
AEGS0A0TWWHqYuGZwScMzCAsDUmlz9Eg56sFVof-ITa68BGOT9vBEndC3KJlU0R0kWKt
jX3gsx4PS9dIPWPhBv4XPiMMH4py1dJ5ORF26xyxGbhIU3luxDhp6S8-P2mmkFalu01NM
xwF4kE5gKJ0VJhAuo08QeDUH48vHimMvzAVZ35u60anyNufjscc00xkMgRkqPnZQ51C
hbGZyR306lg-JH4CaOkB8mwVyzNzEghArrec4sRajUjVw=

```

-----END CERTIFICATE-----

#### Signature algorithm:

SHA256withRSA

#### Issuer CN:

LuxTrust Global Root

#### Issuer O:

LuxTrust s.a.

#### Issuer C:

LU

#### Subject CN:

LuxTrust Global Timestamping CA

#### Subject O:

LuxTrust S.A.

#### Subject C:

LU

#### Valid from:

Tue Aug 28 15:07:47 CEST 2012

#### Valid to:

Wed Mar 17 10:51:37 CET 2021

#### Public Key:

```

30820122300D06092A864886F70D01010105000382010F00308201010A0282010100BA:D84E:ED01:E206:A0:B3:37:C5:17:38:48:DA:5D:6F:DF:8C:79:E8:CB:AB:DD:55:3D:E7:2F:07:CB:15:1E:2E:1
2:90:CS:13:21:E6:D6:1B:5D:C7:26:A1:8B:29:CF:DA:5A:3:BA:E:43:DE:85:75:84:6E:09:B6:69:42:91:35:28:A6:33:BE:29:34:18:58:07:4B:1A:D2:B4:2E:8B:C9:E9:65:BA:75:C7:98:A5:0F:0A:A2:4E:42:75:88:5B:55:E5:B6
2B:1F:C8:49:D1:0A:57:EA:EE:1C:95:41:26:3B:D8:7F:02:8F:F8:79:75:B6:C1:2F:21:4A:1C:03:81:CD:1E:36:EF:B8:49:1A:17:33:E9:ED:3E:BA:99:7A:D2:98:0F:A6:C4:54:3C:34:3D:22:DF:08:9A:46:C7:CD:89:53:AF:FB:F8
C9:74:0E:1E:98:FC:93:1C:53:4C:47:89:EE:97:75:4C:9A:CA:32:2F:06:62:98:19:20:51:09:E2:FB:62:82:4A:8C:1B:3C:84:2A:8B:1D:FF:29:98:09:53:0D:D4:78:33:57:58:90:85:AO:29:86:3A:C6:AE:15:E4:8B:83:48:80:91:70
01:F6:59:44:50:72:3C:85:8B:FB:3A:93:12:4C:BF:3B:80:6C:7F:28:C6:EC:BC:1C:5C:8D:02:03:01:00:01

```

#### Basic Constraints

IsCA: true - Path length: 0

**Certificate Policies** Policy OID: 1.3.171.1.1.1.10.8  
 CPS pointer: <https://repository.luxtrust.lu>

**Authority Key Identifier** 17:15:85:89:09:2F:24:87:6F:3F:1D:1B:E4:F2:96:79:83:48:13:CE

**CRL Distribution Points** <http://crl.luxtrust.lu/LTGRCA.crl>

**Subject Key Identifier** F5:BF:22:C6:1D:FE:F2:06:83:23:5D:5E:C2:25:91:94:19:1D:3C:87

**Key Usage:** keyCertSign - cRLSign

**Thumbprint algorithm:** SHA-256

**Thumbprint:** 53:0B:1D:74:9B:E7:AD:3A:7B:B7:83:26:B2:81:DB:CC:5D:F6:EA:5F:41:4A:7B:29:B9:70:B6:54:8B:04:49:07

**X509SubjectName**

**Subject CN:** LuxTrust Global Timestamping CA

**Subject O:** LuxTrust S.A.

**Subject C:** LU

**X509SKI**

**X509 SK I** 9b8ixh3+8gaDII1ewiWRIBkdPic=

**Service Status**

<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn>

**Service status description** [en] undefined.  
 [fr] undefined.  
 [de] undefined.

**Status Starting Time**

2017-02-17T00:00:00Z

**1.7.1 - History instance n.1 - Status: granted****Service Type Identifier**

<http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST>

**Service Name**

**Name** [en] LuxTrust Global Time Stamping Authority

**Service digital identities****X509SubjectName**

**Subject CN:** LuxTrust Global Timestamping CA



**Subject CN:** *LuxTrust Global Qualified CA 3*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

**Valid from:** *Fri Mar 06 15:12:15 CET 2015*

**Valid to:** *Mon Mar 05 14:21:57 CET 2035*

**Public Key:**

```
3082 02 22 30 0D 06 09 2A 86 48 86 F7 0D 01 01 05 00 03 82 02 0F 00 30 82 02 0A 02 82 02 01 00 B9 9E 62 5D 29 85 6C FF 34 81 66 F4 92 37 98 B0 89 9C C8 8A 37 41 88 3E 5C 0D CD 97 01 FA 42 D2 34 3E 06
44 1B D7 52 A3 CA 4C ED 53 08 CC 4E 73 AB CB 60 27 9D 07 9C F7 58 7E 5B DF 86 41 0A BC 05 B6 36 E3 57 EA 18 BF E8 72 B8 37 27 BE 90 1F 88 36 3A 5F 00 79 8B 7E DD C6 4F DE 5E 19 FA E4 FE DE E1 24
DA 2B 2E 31 CE A7 D6 64 A2 CD 1B 2B 04 1C 8A E2 75 D7 1E 3D 63 A4 DC 9F D5 31 CF 42 B1 27 A6 79 96 E6 79 95 B5 FF 15 DE AA 89 4C 4B B2 48 0D 9D FE D0 38 15 09 8B 0A 20 AF 9B DE C0 10 F2 2A
97 6D 09 50 CA FC A6 1B A4 32 A1 0A 09 6E 1F DB 78 9A C1 13 16 28 D5 A4 FA C8 F3 3A 43 C0 01 00 ED 80 41 15 76 08 33 CE E7 4B 48 CD 38 0B 90 A3 78 B9 4B 62 E5 E0 96 39 5E AF D6 CA 46 4F 70 5B
C9 E4 6A B7 8B 66 C9 FD B8 20 E2 86 65 C6 C8 2E 66 F6 3B 1E 19 8D 9A 02 79 55 F2 EB 0B 8C 11 40 89 6E 8E 0A 7C DC 3A 0F 82 2E C5 6E 72 84 61 4B AB AF 5D CB BB 56 D1 D1 1A 8E 72 2F 2B 09 56 FE EC
8F A7 31 E6 53 2F 40 A0 0C 2E F8 95 8B 79 29 85 92 98 7E AS 4B 01 51 49 AS 74 E9 BA 76 36 19 AC 95 19 FF EE 3A 9C CD A2 24 91 AS CC 71 62 39 80 94 F2 8D 79 38 17 56 3E 4C 73 4C E8 5E 04 FF 31 94 C6 1
4 DE E8 BF B9 F4 D7 2A 1D 37 A3 A1 7D 30 03 69 CB DA 29 F8 F6 0B 60 B0 74 22 6F 32 AB E5 52 E0 8A AE FB 97 6D D6 6B B5 19 B7 05 95 EB 82 11 A1 B9 09 86 D1 38 AB ED 55 42 23 45 99 8D 58 F2 1E CD
AB AS 47 02 43 AF 83 D5 6C A6 2A 1C E9 D2 6A D7 35 A1 78 61 17 1E EC 5A C4 93 AF 49 5B 35 95 A7 FF 7F 18 A9 E7 6F 4F FF 71 A9 9A BC 46 88 E1 5E B8 31 5C 58 02 2A F9 00 BF E3 ED DE 09 20 EA A1 3C
F5 35 E1 A8 F1 98 2E 9D 10 7E 38 82 E5 6C D0 BA 3F 77 05 53 53 3B 02 03 01 00 01
```

**Basic Constraints** *IsCA: true - Path length: 0*

**Certificate Policies** *Policy OID: 1.3.171.1.1.1.10.3*  
*CPS pointer: <https://repository.luxtrust.lu>*

**Authority Info Access** *<http://ltgroot.ocsp.luxtrust.lu>*  
*<http://ca.luxtrust.lu/LTGRCA2.crt>*

**Authority Key Identifier** *FF:18:28:76:F9:48:05:2C:A1:AE:F1:2B:1B:2B:B2:53:F8:4B:7C:B3*

**CRL Distribution Points** *<http://crl.luxtrust.lu/LTGRCA2.crl>*

**Subject Key Identifier** *63:8F:C2:8B:03:B1:AB:8E:D8:53:47:96:1D:99:A8:7D:F6:AC:A8:75*

**Key Usage:** *keyCertSign - cRLSign*

**Thumbprint algorithm:** *SHA-256*

**Thumbprint:** *BE:D0:F1:9E:D4:6D:94:90:0D:2A:9F:CD:7C:6F:66:0B:61:FF:75:88:D8:B7:1C:F8:F2:79:D5:FA:A  
3:02:1C:CF*

## X509SubjectName

**Subject CN:** *LuxTrust Global Qualified CA 3*

**Subject O:** *LuxTrust S.A.*

**Subject C:** *LU*

## X509SKI

**X509 SK I** *Y4/CiwOxq47YU0eWHZmoffasqHU=*

## Service Status

*<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>*

**Service status description** *[en] undefined.*  
*[fr] undefined.*



**Valid from:** Wed Apr 13 11:05:12 CEST 2016

**Valid to:** Mon Mar 05 14:21:57 CET 2035

**Public Key:**

```
30820222300D06092A864886F70D010105000382020F003082020A0282020100DEAF1E537ED31C8CDB6CA9556DA4940E3062F9970840FD1B55417934AB10E559E725
20D79A83B3A860F08F41618387658906FCF46918EA DD0980412D7471A3E3A6D16D78C9EF37DEE03A82519591025766255C3AA7D0A50A0D530F4BDAFAF4179038
EEAF8686A7B9837F95E8D74490AC16E91FE1DC097FA38039AC423B77B597A025D559357FC04386A74D238A8D31A9B428158FHE46D4CCB574C3A3AF41BF6A1C49
17EBD57E1DFF7623125D97CF2E2CEDA8353D33341900C0B32396C517D1F3511C44F61C965F0730763E74A13FCF45820E58A6E05C1D4B751EC D7601F14E0A0DF678A
867761BD19DE42445D5962380A8A030D1E208E985A209A522942660674A5968463429DF9512A12E064530509C86421FD F363D7F9A23380444C84FE5E5A5D638EK8704B
5947A275E590EASAD08D2D0089DA671B53F85F39A1D77C816D916BCAC2B370609F0501C6FC8DDF13A02B9D7C59ED8A11558CC02BD B43C8A85A16223BFAFC3205
9C19555E BFC D26D1963CF5F6807060E91FC099D907927294C7E8E5B52662207C553E06D3F5FA B7808D6F911D4CB7E D35CE2A7A71009A2652151510C4890E4C3B5838
50EF77426200218C83D111220D9099F1012320E2B0C32A525BC3FFA974524091F5863FC337018619033FE275B9D88F5C7C80722943A9D6FA10D82C911A015E7C238A0E
401426EF791CC2F24768E9575CC E9390D0203010001
```

**Basic Constraints** IsCA: true - Path length: 0

**Certificate Policies** Policy OID: 1.3.171.1.1.1.10.5  
CPS pointer: <https://repository.luxtrust.lu>  
Policy OID: 2.5.29.32.0

**Authority Info Access** <http://ltgroot.ocsp.luxtrust.lu>  
<http://ca.luxtrust.lu/LTGRCA2.crt>

**Authority Key Identifier** FF:18:28:76:F9:48:05:2C:A1:AE:F1:2B:1B:2B:B2:53:F8:4B:7C:B3

**CRL Distribution Points** <http://crl.luxtrust.lu/LTGRCA2.crl>

**Subject Key Identifier** 09:97:45:8E:13:AC:6A:5C:6F:1F:41:4C:F4:5E:C5:C1:0C:C6:6F:19

**Key Usage:** keyCertSign - cRLSign

**Thumbprint algorithm:** SHA-256

**Thumbprint:** C0:68:A8:A7:CC:2F:08:BE:0E:9A:1D:DB:0D:F0:1E:2F:7A:E7:9B:FE:50:31:22:C5:52:BB:7B:33:6A:1F:D6:F4

**X509SubjectName**

**Subject CN:** LuxTrust SSL CA 5

**Subject O:** LuxTrust S.A.

**Subject C:** LU

**X509SKI**

**X509 SK I** CZdFjhOsaxvH0FM9F7FwQzGbxk=

**Service Status**

<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn>

**Service status description** [en] undefined.  
[fr] undefined.  
[de] undefined.

**Status Starting Time** 2021-11-03T09:08:00Z

**1.9.1 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation**

URI	[ en ]	<a href="http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForWebSiteAuthentication">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForWebSiteAuthentication</a>
-----	--------	---

**1.9.2 - History instance n.1 - Status: granted**

Service Type Identifier	<a href="http://uri.etsi.org/TrstSvc/Svctype/CA/QC">http://uri.etsi.org/TrstSvc/Svctype/CA/QC</a>
-------------------------	---

**Service Name**

Name	[ en ]	LuxTrust SSL Certification Authority 5
------	--------	--

**Service digital identities****X509SubjectName**

Subject CN:	LuxTrust SSL CA 5
-------------	-------------------

Subject O:	LuxTrust S.A.
------------	---------------

Subject C:	LU
------------	----

**X509SKI**

X509 SK I	CZdFjhOsalxvH0FM9F7FwQzGbxk=
-----------	------------------------------

Service Status	<a href="http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted">http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted</a>
----------------	---

Status Starting Time	2017-11-29T01:00:00Z
----------------------	----------------------

**1.9.2.1 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation**

URI	[ en ]	<a href="http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForWebSiteAuthentication">http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForWebSiteAuthentication</a>
-----	--------	---

**1.10 - Service (withdrawn): LuxTrust Seal and Signature Validation Service**

Service Type Identifier	<a href="http://uri.etsi.org/TrstSvc/Svctype/QESValidation/Q">http://uri.etsi.org/TrstSvc/Svctype/QESValidation/Q</a>
-------------------------	---

Service type description	[ en ]	undefined.
	[ fr ]	undefined.
	[ de ]	undefined.

Service Name

Name [ en ] LuxTrust Seal and Signature Validation Service

Service digital identities

Certificate fields details

Version: 3

Serial Number: 4615819

X509 Certificate

-----BEGIN CERTIFICATE-----
MIGxGCBK6gAwIBAgIDRm6LMA0GCSqGSIb3DQEBCwUAMEA4CzAJBgNVBAYTAkVMMRYwFA...
-----END CERTIFICATE-----

Signature algorithm: SHA256withRSA

Issuer CN: LuxTrust Global Qualified CA 3

Issuer O: LuxTrust S.A.

Issuer C: LU

Subject CN: LuxTrust S.A.

Subject C: LU

Subject 2.5.4.97: VATLU-20976985

Subject O: LuxTrust S.A.

Subject OU: LuxTrust Seal and Signature Validation Service

Subject SERIAL NUMBER: 00165048535502354226

Valid from: Fri Dec 11 14:52:12 CET 2020

Valid to: Sun Dec 11 14:52:12 CET 2022

Public Key: 30:82:01:A2:30:0D:06:09:2A:86:48:86:F7:0D:01:01:05:00:83:02:01:8F:00:30:82:01:8A:02:82:01:81:00:EB:D7:04:C3:CB:80:E4:86:8F:2D:1B:22:D8:76:44:1A:C2:CF:A3:45:6B:94:D4:15:F3:E7:64:4A:0C:92:39:D9:DA:5B:4B:68:F9:6D:26:AB:62:A8:1F:1B:0C:85:8A:8C:47:27:8C:5C:2A:91:81:16:35:AD:4C:3E:51:38:3F:3A:D4:27:96:5D:C2:59:22:BE:3C:94:11:B9:E5:46:B7:E3:DE:12:03:CB:9F:85:D1:48:40:52:40:83:09:2C:08:F1:87:06:37:F7:44:0F:4E:01:F0:11:23:81:C6:62:57:65:92:12:0C:4B:CU:19:33:A6:45:54:7D:EC:61:18:28:67:90:AF:B6:68:12:1E:96:6C:02:8F:2C:79:45:43:F7:36:BB:87:79:5A:D5:C1:1B:12:CD:90:7E:AF:C5:48:C9:EC:23:93:36:E1:DB:16:1E:97:82:6A:56:01:5F:FE:9E:2C:4D:6E:EC:0B:75:8A:02:EE:8C:53:12:29:17:42:6A:AC:35:59:03:13:A4:18:50:1A:B5:26:95:71:31:BC:7C:ES:4E:DE:79:DE:15:0D:BE:FC:A1:FE:DA:50:62:AD:76:4B:F7:2F:34:1E:FC:F6:C1:4E:C5:5D:9F:C5:5F:1C:4:FDD:6D:0B:F0:68:ED:C6:56:88:54:8D:34:29:4F:91:80:EC:CA:4E:30:6D:15:B5:6A:3A:9B:D9:3E:01:3B:3E:B4:53:85:1D:F1:E9:62:FC:61:CF:FD:10:48:78:FD:11:A8:7F:50:1A:9F:00:C6:A0:14:FC:45:AA:26:79:F6:FF:DE:DD:98:94:88:02:D4:D5:CA:3E:CD:BS:F6:C0:F4:8E:25:F5:0E:45:3C:F7:67:C0:7F:55:7C:87:61:18:E7:BF:98:05:81:73:5D:1C:D7:BB:B6:F1:DE:9D:3A:D3:34:CA:EB:5E:40:EE:F8:85:FE:68:52:CF:CA:95:7B:00:87:84:25:71:0E:2B:38:CF:DD:F8:B1:C5:3F:79:CD:02:03:01:01:01

Authority Key Identifier 63:8F:C2:8B:03:B1:AB:8E:D8:53:47:96:1D:99:A8:7D:F6:AC:A8:75



**QCStatements - crit. = false**      *id\_etsi\_qcs\_QcCompliance*  
    *id\_etsi\_qcs\_QcSSCD*

**Authority Info Access**                *http://qca.ocsp.luxtrust.lu*  
    *http://ca.luxtrust.lu/LTGQCA3.crt*

**Certificate Policies**                 *Policy OID: 1.3.171.1.1.10.3.33*  
    *CPS pointer: https://repository.luxtrust.lu*  
    *Policy OID: 0.4.0.194112.1.3*

**CRL Distribution Points**             *http://crl.luxtrust.lu/LTGQCA3-33.crl*

**Subject Key Identifier**                *43:B9:85:AE:65:FA:4C:B5*

**Basic Constraints**                    *IsCA: false*

**Key Usage:**                            *digitalSignature*

**Thumbprint algorithm:**              *SHA-256*

**Thumbprint:**                          *35:70:00:C0:80:1A:88:1B:19:A7:01:EF:29:46:9C:96:41:C3:9C:9E:CE:31:64:36:C3:FD:BE:6B:42:2F:FF:3F*

**X509SubjectName**

**Subject CN:**                            *LuxTrust S.A.*

**Subject C:**                             *LU*

**Subject 2.5.4.97:**                    *VATLU-20976985*

**Subject O:**                             *LuxTrust S.A.*

**Subject OU:**                          *LuxTrust Seal and Signature Validation Service*

**Subject SERIAL NUMBER:**         *00165048535502354226*

**X509SKI**

**X509 SK I**                                *Q7mFrmX6TLU=*

**Service Status**

*http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn*

**Service status description**        *[en]                    undefined.*  
    *[fr]                    undefined.*  
    *[de]                    undefined.*

**Status Starting Time**

*2023-03-01T13:19:13Z*

**1.10.1 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation**

URI [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

**1.10.2 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation**

URI [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSeals>

**1.10.3 - History instance n.1 - Status: granted**

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/QESValidation/Q>

**Service Name**

Name [ en ] *LuxTrust Seal and Signature Validation Service*

**Service digital identities****X509SubjectName**

Subject CN: *LuxTrust S.A.*

Subject C: *LU*

Subject 2.5.4.97: *VATLU-20976985*

Subject O: *LuxTrust S.A.*

Subject OU: *LuxTrust Seal and Signature Validation Service*

Subject SERIAL NUMBER: *00165048535502354226*

**X509SKI**

X509 SK I *Q7mFrmX6TLU=*

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

**Status Starting Time** *2021-01-22T17:00:00Z*

**1.10.3.1 - Extension (critical): additionalServiceInformation**



**Subject CN:** *LuxTrust S.A.*  
**Subject C:** *LU*  
**Subject 2.5.4.97:** *VATLU-20976985*  
**Subject O:** *LuxTrust S.A.*  
**Subject OU:** *LuxTrust Seal and Signature Validation Service*  
**Subject SERIAL NUMBER:** *00165048535502354226*  
**Valid from:** *Mon Dec 12 10:10:16 CET 2022*  
**Valid to:** *Thu Dec 12 10:10:16 CET 2024*  
**Public Key:**  
308201A2300D06092A864886F70D01010105000382018F003082018A02820181009D4F47E9796430C895247C345192912BAFB2A599A14F1A774F0400E0AC6E13F79EEFFB6  
886ADK7D2AA946145011A2BE943BCFFBA5C7B7E0D40D7CA5D1001E2BEAD80FC9D1346D6689021BC53F5014D2D09A68203C70D70E59FD2A7CF01F9625CF16108E  
B7F9743520629B9ADFD07071E6C4ED96735B03D5D2ADAA4CB7244F44B29332D721A6E80B493C7962AG7E143F4EB54EBA006273E3F8F0B91E686B2A1A07225F1A7D  
53DBBD5CA5A645960277F1C8FE88A2227EAS5E5F4BE17837042B894AD924CF78E6A6BB7FCB9E9BBBA812D49C5249131B37FECCE858F42892EE9E011B1A33BF925342  
CBDC8042FA4A9F3BF0013803CC8645FC55CDAD7182B04E38B4CB9B9E9E583BAE79B08038A14159EE91A9D332AA36C5876C477A5371A00E7B80B76024CFEB88277  
21BEAD4269E01E1EC5490C5770A56B3F3A2B3EDB47088C7FFB6BA734D2B44BB3B0CB6AFB5CCF4B95A61FB5C7B91EA9DC78115CE88A2B156BD8ACD6D400141B7  
6BD8EC98539CEE4F996D386C3C5D737FADE8249E50B8068075D0203010001  
**Authority Key Identifier** *63:8F:C2:8B:03:B1:AB:8E:D8:53:47:96:1D:99:A8:7D:F6:AC:A8:75*  
**QCStatements - crit. = false**  
*id\_etsi\_qcs\_QcCompliance*  
*id\_etsi\_qcs\_QcSSCD*  
**Authority Info Access**  
<http://qca.ocsp.luxtrust.lu>  
<http://ca.luxtrust.lu/LTGQA3.crt>  
**Certificate Policies**  
*Policy OID: 1.3.171.1.1.10.3.33*  
*CPS pointer: https://repository.luxtrust.lu*  
*Policy OID: 0.4.0.194112.1.3*  
**CRL Distribution Points**  
<http://crl.luxtrust.lu/LTGQA3-33.crl>  
**Subject Key Identifier** *43:14:F7:E9:27:27:17:61*  
**Basic Constraints** *IsCA: false*  
**Key Usage:** *digitalSignature*  
**Thumbprint algorithm:** *SHA-256*  
**Thumbprint:** *D8:EE:27:2E:23:B4:0F:6A:2C:AA:62:E1:D2:14:3B:66:BF:30:8E:44:C7:2F:68:0F:2A:10:70:88:91:2B:94:E8*  
**X509SubjectName**  
**Subject CN:** *LuxTrust S.A.*  
**Subject C:** *LU*

**Subject 2.5.4.97:** VATLU-20976985

**Subject O:** LuxTrust S.A.

**Subject OU:** LuxTrust Seal and Signature Validation Service

**Subject SERIAL NUMBER:** 00165048535502354226

**X509SKI**

**X509 SK I** QxT36ScnF2E=

**Service Status**

<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

**Service status description**

[en]	undefined.
[fr]	undefined.
[de]	undefined.

**Status Starting Time**

2023-03-01T13:20:20Z

**1.11.1 - Extension (not critical): additionalServiceInformation****AdditionalServiceInformation**

**URI** [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

**1.11.2 - Extension (not critical): additionalServiceInformation****AdditionalServiceInformation**

**URI** [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSeals>

**1.12 - Service (granted): LuxTrust Qualified Electronic Registered Delivery Service****Service Type Identifier**

<http://uri.etsi.org/TrstSvc/Svctype/EDS/Q>

**Service type description**

[en]	An electronic delivery service providing qualified electronic deliveries.
[fr]	Un service de livraison électronique fournissant des livraisons électroniques qualifiées.
[de]	Eine elektronische Lieferservice bietet qualifizierte elektronische Lieferungen.

**Service Name**

**Name** [ en ] LuxTrust Qualified Electronic Registered Delivery Service

**Service digital identities****Certificate fields details**

Version: 3

Serial Number: 5568343

X509 Certificate

-----BEGIN CERTIFICATE-----

MlIGDCCBijAwIBAgIDVpXMA0GCSqGSIb3DQEBCwUAME4xCzAJBgNVBAYTAkYwMRYwFAkYDQVQO... [Certificate body content]

-----END CERTIFICATE-----

Signature algorithm: SHA256withRSA

Issuer CN: LuxTrust Global Qualified CA 3

Issuer O: LuxTrust S.A.

Issuer C: LU

Subject CN: LuxTrust S.A.

Subject C: LU

Subject 2.5.4.97: VATLU-20976985

Subject O: LuxTrust S.A.

Subject OU: LuxTrust Electronic Registered Delivery Service

Subject SERIAL NUMBER: 00199192255537340974

Valid from: Mon Apr 17 11:42:05 CEST 2023

Valid to: Mon Apr 17 11:42:05 CEST 2028

Public Key: 30:82:01:A2:30:0D:06:09:2A:86:48:86:F7:0D:01:01:01:05:00:03:82:01:8F:00:30:82:01:81:00:94:32:12:15:C6:94:E2:EE:02:52:C2:51:16:C2:56:83:DA:44:75:55:15:5B:33:98:2D:F0:34:18:43:04:47:DA:07:33:48:C...

Authority Key Identifier 63:8F:C2:8B:03:B1:AB:8E:D8:53:47:96:1D:99:A8:7D:F6:AC:A8:75

QCStatements - crit. = false id\_etsi\_qcs\_QcCompliance

id\_etsi\_qcs\_QcSSCD

Authority Info Access http://qa.ocsp.luxtrust.lu

http://ca.luxtrust.lu/LTGQCA3.crt

**Certificate Policies**  
 Policy OID: 1.3.171.1.1.10.3.33  
 CPS pointer: <https://repository.luxtrust.com>  
 Policy OID: 0.4.0.194112.1.3

**CRL Distribution Points**  
<http://crl.luxtrust.lu/LTGQCA3-33.crl>

**Subject Key Identifier**  
 44:B8:87:26:51:B0:3A:95

**Basic Constraints**  
 IsCA: false

**Key Usage:**  
 digitalSignature

**Thumbprint algorithm:**  
 SHA-256

**Thumbprint:**  
 03:5E:14:A2:94:55:63:EB:79:85:E3:EE:DE:55:B9:71:D1:B3:16:F1:0F:3A:1E:D4:37:6C:01:9F:9B:76:39:08

**X509SubjectName**

**Subject CN:**  
 LuxTrust S.A.

**Subject C:**  
 LU

**Subject 2.5.4.97:**  
 VATLU-20976985

**Subject O:**  
 LuxTrust S.A.

**Subject OU:**  
 LuxTrust Electronic Registered Delivery Service

**Subject SERIAL NUMBER:**  
 00199192255537340974

**X509SKI**

**X509 SK I**  
 RLiHJIGwOpU=

**Service Status**

<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

**Service status description** [en] undefined.  
 [fr] undefined.  
 [de] undefined.

**Status Starting Time**

2023-05-05T08:19:46Z

## 2 - TSP: SeMarket Certification Authority S.A.

### TSP Name

**Name** [ en ] *SeMarket Certification Authority S.A.*

### TSP Trade Name

**Name** [ en ] *NTRLU-B0132166*

**Name** [ en ] *SeMarket CA S.A.*

### PostalAddress

**Street Address** [ en ] *Parc d'Activités "Syrdall", 6*

**Locality** [ en ] *Munsbach*

**Postal Code** [ en ] *L-5365*

**Country Name** [ en ] *LU*

### ElectronicAddress

**URI** [ en ] *mailto:confiance-numerique@ilnas.etat.lu*

**URI** [ fr ] *mailto:confiance-numerique@ilnas.etat.lu*

**URI** [ de ] *mailto:confiance-numerique@ilnas.etat.lu*

**URI** [ en ] *http://www.portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/se-market/index.html*

### TSP Information URI

**URI** [ en ] *http://www.portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/se-market/index.html*

## 2.1 - Service (withdrawn): SeMarket Qualified Certification Authority

### Service Type Identifier

*http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

**Service type description** [ en ] *A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.*

[ fr ] *Un service de génération de certificat et la signature de la création de certificats qualifiés sur la base de l'identité et d'autres attributs vérifiées par les services d'enregistrement pertinents.*

[ de ] *Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.*

### Service Name



Name [ en ] SeMarket Qualified Certification Authority

## Service digital identities

### Certificate fields details

Version: 3

Serial Number: 1308924811451483386725277668209257424

### X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIIDjCCAsqAwIBAgIQAPwW-ect6SIYDODOUWMr0DANBgkqhkiG9w0BAQUFAzBDMQswCQYDVQQL
dAeFw0wODA3MjMxMDAwMzNwNDA3MjMxMDUzMDhaMEMxCAAjBgNVBAYTAKVMRkwFwYDVQQK
ExBTZU1hcm9udCBEROSBTLAEMRRAwFwYDVQQDEBTZU1hcm9udCBEROSBTLAEMRRAwFwYDV
9w0BAQEFAAQCAQAMIBBgkqhkiG9w0BAQEFAAQCAQAMIBBgkqhkiG9w0BAQEFAAQCAQAMIB
9maDIEQ-MGMVtu1ByWxeDDry4HmNngmnyFVygfezkwYF3h0AkPwYGo2ibBWJsrRWgA2lg7
Y4BTTCFmCk9dN0mihHr3ZAl6q8NBR2r0HhM60D06400DDHLswRCozrX0c5SZ
HRekYhDyBQZIEsmeXK75atqsl1CchtqI07VezudJh8gFAiZLDUtoB3d-LCPse2I57NM
kBWgHr-HsNa5BRwS0wZlTHGyQHYKBd56ghkfp=aYgbsOx10umzMLywwYDQIDAQABo0hw
QDAPBgNVHRMBAREBADAQHMAAGGAUIdwEhW0EAwIBBjAdBgNVHQ4EFwQ7dbytwq6SpDeQJ
Zzqg48Mk0AwDOYKozZlhcNAQEFBQADggEBAHaf6z7PR3cVpW8i7QPQ6NgQc13GLwBRAlhU
athJU1ECSY4uxamKmrYKukKEaWgVC0uVrvPwzytjwclqI8zROk6zjD4inika18nySp9Se
s8hs5E5mSMQzlvM+dzKA Vme--z8t8mikaX0jkoOSVmcV2W0c6u079p6BfHbrps4AJCD
HLDzQmpkOmV7GzSsA38uNkf-gPGzd4YoXLMmeAUUDfGAWKb4WdqhbS0d1Y0L5MBwMjDtu+
JURs0wzr1gV07RK0hBwqAolppb0Mfwr5KglQqM3DaJrG0PBmSaNHXBzMcEcX0taD5r6-k=
-----END CERTIFICATE-----
```

Signature algorithm: SHA1withRSA

Issuer CN: SeMarket CA Root

Issuer O: SeMarket CA S.A.

Issuer C: LU

Subject CN: SeMarket CA Root

Subject O: SeMarket CA S.A.

Subject C: LU

Valid from: Wed Jul 23 12:00:33 CEST 2008

Valid to: Tue Jul 23 11:53:08 CEST 2024

Public Key: 30820122300D06092A864886F70D01010105000382010F003082010A0282010100B7CA CF44FF541B15401635B30F90A529D49CF7165991595D35AC A7C01C2E936CBA04B  
61CF66C480C8110F8C18C55FB856D8B96CS0E03AF2E0798D26A1A0C85572B E011E930C1817784E0243FEC181A8D A55B805626C6B456800D8B83B61D049ED30856A  
DFC695D91D80D3A7B811F0DD95C839FA8C7A33414640907CE1DE20CA7A8D3D3A E1BD1F0C72F9C1108E833B715F4882A12B591D180A6210F27DB42565F112995E54  
1B BB1F6ADBAA22CD46CSB7F1A8843B56065ECS D0ED261F201408992C352D A01D DD F8B08F81CD88E7B34C9015AB187A3E1F136AE4147049639FC1921C4C71B24076  
0A05D7F1EA6E4E16A3FEFDA6206F13B1D74B A7CC2F2CB07D80D0203010001

Basic Constraints: IsCA: true

Subject Key Identifier: F3:B7:61:CA:1C:F0:AB:A4:A9:0D:C4:09:E1:9A:BA:83:8F:0C:90:E0

Key Usage: keyCertSign - cRLSign

Thumbprint algorithm: SHA-256

Thumbprint: A4:4E:8E:FD:1E:FC:78:F2:44:5F:1A:9F:62:63:9D:8F:BA:21:20:9C:9E:F3:1E:87:11:77:7F:D2:C8:2B:07:12

### X509SubjectName

Subject CN: SeMarket CA Root

**Subject O:** *SeMarket CA S.A.*

**Subject C:** *LU*

**Service Status** *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/withdrawn*

**Service status description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

**Status Starting Time** *2016-06-30T22:00:00Z*

#### **Scheme Service Definition URI**

**URI** *[en] http://www.portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/se-market/index.html*

#### **2.1.1 - Extension (critical): Qualifiers [QCWithQSCD]**

**Qualifier type description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

#### **Criteria list assert=all**

##### **Policy Identifier:**

**Identifier** *urn:oid:1.3.6.1.4.1.25969.8.2.1*

**Description** *Qualified certificates including such Policy OID have the corresponding private key residing in an SSCD.*

#### **2.1.2 - Extension (critical): additionalServiceInformation**

##### **AdditionalServiceInformation**

**URI** *[en] http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures*

#### **2.1.3 - History instance n.1 - Status: supervisionrevoked**

**Service Type Identifier** *http://uri.etsi.org/TrstSvc/Svctype/CA/QC*

#### **Service Name**

**Name** *[en] SeMarket Qualified Certification Authority*

#### **Service digital identities**

#### **X509SubjectName**

**Subject CN:** SeMarket CA Root

**Subject O:** SeMarket CA S.A.

**Subject C:** LU

**X509SKI**

**X509 SK I** 87dhyhzwq6SpDcQJ4Zq6g48MkOA=

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/supervisionrevoked>

**Status Starting Time** 2009-09-11T00:00:00Z

### 2.1.3.1 - Extension (critical): Qualifiers [QCWithSSCD]

Qualifier type description		
[en]		it is ensured by the trust service provider and controlled (supervision model) or audited (accreditation model) by the referenced Member State (respectively its Supervisory Body or Accreditation Body) that all Qualified Certificates issued under the service identified in "Service digital identity" and further identified by the filters information used to further identify under the "Sdi" identified trust service that precise set of Qualified Certificates for which this additional information is required with regards to the presence or absence of Secure Signature Creation Device (SSCD) support ARE supported by an SSCD (i.e. that the private key associated with the public key in the certificate is stored in a Secure Signature Creation Device conformant with the applicable European legislation);
[fr]		elle est assurée par le prestataire de service de confiance et contrôlée (modèle de contrôle) ou vérifiées (modèle d'accréditation) par l'Etat membre de référence (respectivement son Organe de surveillance ou organisme d'accréditation) que tous les certificats qualifiés délivrés dans le cadre du service identifié dans «Service digital identity» et en outre identifié par les informations des filtres utilisés pour identifier plus précisément dans le cadre du "Sdi" de service de confiance identifiés, l'ensemble précis de certificats qualifiés pour lesquels cette information supplémentaire est nécessaire en ce qui concerne la présence ou l'absence de dispositif sécurisé de création de signature (SSCD) de soutien sont pris en charge par un SSCD (à savoir que la clé privée associée à la clé publique du certificat est stocké dans un dispositif sécurisé conforme à la législation européenne applicable de création de signature);
[de]		es wird von der Treuhandservice-Anbieter gewährleistet und durch den entsprechenden Mitgliedstaat (bzw. seiner Aufsichts-oder Akkreditierungsstelle) kontrolliert (Aufsichtsmodell) bzw. geprüft (Akkreditierungsmodell), dass alle, die qualifizierte Zertifikate unter der in "Service digital identity" Service und ausgestellt weiter durch den Filter verwendet werden, um weitere Informationen unter der "Sdi" identifizierten Treuhandservice zu identifizieren, die eine genaue Satz von qualifizierten Zertifikaten, für die diese zusätzliche Informationen in Bezug auf das Vorhandensein oder Fehlen von sicheren Signaturerstellungseinheit (SSE)-Unterstützung benötigt werden unterstützt identifiziert ein SSCD (dh, dass der private Schlüssel mit dem öffentlichen Schlüssel im Zertifikat zugeordnet ist, in einer sicheren Signaturerstellungseinheit konform mit der europäischen Gesetzgebung gespeichert);

### Criteria list assert=all

**Policy Identifier:**

**Identifier**

urn:oid:1.3.6.1.4.1.25969.8.2.1

**Description**

Qualified certificates including such Policy OID have the corresponding private key residing in an SSCD.

### 2.1.4 - History instance n.2 - Status: undersupervision

**Service Type Identifier** <http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

**Service Name**

**Name** [en] SeMarket Qualified Certification Authority

### Service digital identities

**X509SubjectName****Subject CN:** SeMarket CA Root**Subject O:** SeMarket CA S.A.**Subject C:** LU**X509SKI****X509 SK I** 87dhyhzwq6SpDcQJ4Zq6g48MkOA=**Service Status**<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision>**Status Starting Time**

2007-11-27T00:00:00Z

**2.1.4.2 - Extension (critical): Qualifiers [QCWithSSCD]**

Qualifier type description	
[en]	<i>it is ensured by the trust service provider and controlled (supervision model) or audited (accreditation model) by the referenced Member State (respectively its Supervisory Body or Accreditation Body) that all Qualified Certificates issued under the service identified in "Service digital identity" and further identified by the filters information used to further identify under the "Sdi" identified trust service that precise set of Qualified Certificates for which this additional information is required with regards to the presence or absence of Secure Signature Creation Device (SSCD) support ARE supported by an SSCD (i.e. that that the private key associated with the public key in the certificate is stored in a Secure Signature Creation Device conformant with the applicable European legislation);</i>
[fr]	<i>elle est assurée par le prestataire de service de confiance et contrôlée (modèle de contrôle) ou vérifiés (modèle d'accréditation) par l'Etat membre de référence (respectivement son Organe de surveillance ou organisme d'accréditation) que tous les certificats qualifiés délivrés dans le cadre du service identifié dans «Service digital identity» et en outre identifié par les informations des filtres utilisés pour identifier plus précisément dans le cadre du "Sdi" de service de confiance identifiés, l'ensemble précis de certificats qualifiés pour lesquels cette information supplémentaire est nécessaire en ce qui concerne la présence ou l'absence de dispositif sécurisé de création de signature (SSCD) de soutien sont pris en charge par un SSCD (à savoir que la clé privée associée à la clé publique du certificat est stocké dans un dispositif sécurisé conforme à la législation européenne applicable de création de signature);</i>
[de]	<i>es wird von der Treuhandservice-Anbieter gewährleistet und durch den entsprechenden Mitgliedstaat (bzw. seiner Aufsichts- oder Akkreditierungsstelle) kontrolliert (Aufsichtsmodell) bzw. geprüft (Akkreditierungsmodell), dass alle, die qualifizierte Zertifikate unter der in "Service digital identity" Service und ausgestellt weiter durch den Filter verwendet werden, um weitere Informationen unter der "Sdi" identifizierten Treuhandservice zu identifizieren, die eine genaue Satz von qualifizierten Zertifikaten, für die diese zusätzliche Informationen in Bezug auf das Vorhandensein oder Fehlen von sicheren Signaturerstellungseinheit (SSE)-Unterstützung benötigt werden unterstützt identifiziert ein SSCD (dh, dass der private Schlüssel mit dem öffentlichen Schlüssel im Zertifikat zugeordnet ist, in einer sicheren Signaturerstellungseinheit konform mit der europäischen Gesetzgebung gespeichert);</i>

**Criteria list assert=all****Policy Identifier:****Identifier**

urn:oid:1.3.6.1.4.1.25969.8.2.1

**Description**

Qualified certificates including such Policy OID have the corresponding private key residing in an SSCD.

### 3 - TSP: BE INVEST International S.A.

#### TSP Name

<b>Name</b>	[ en ]	BE INVEST International S.A.
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#### TSP Trade Name

<b>Name</b>	[ en ]	VATLU-LU29222134
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#### PostalAddress

<b>Street Address</b>	[ en ]	17, rue Léon Laval
-----------------------	--------	--------------------

<b>Locality</b>	[ en ]	Leudelange
-----------------	--------	------------

<b>Postal Code</b>	[ en ]	3372
--------------------	--------	------

<b>Country Name</b>	[ en ]	LU
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#### ElectronicAddress

<b>URI</b>	[ en ]	<a href="https://www.be-ys.com/home">https://www.be-ys.com/home</a>
------------	--------	---

<b>URI</b>	[ fr ]	<a href="https://www.be-ys.com/">https://www.be-ys.com/</a>
------------	--------	---

<b>URI</b>	[ en ]	<a href="mailto:contact@be-ys.com">mailto:contact@be-ys.com</a>
------------	--------	---

<b>URI</b>	[ fr ]	<a href="mailto:contact@be-ys.com">mailto:contact@be-ys.com</a>
------------	--------	---

#### TSP Information URI

<b>URI</b>	[ fr ]	<a href="https://pki.almerys.com">https://pki.almerys.com</a>
------------	--------	---

<b>URI</b>	[ en ]	<a href="https://pki.almerys.com">https://pki.almerys.com</a>
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### 3.1 - Service (granted): BE-YS SIGNATURE AND AUTHENTICATION CA NC

#### Service Type Identifier

<http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

<b>Service type description</b>	[ en ]	A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
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	[ fr ]	Un service de génération de certificat et la signature de la création de certificats qualifiés sur la base de l'identité et d'autres attributs vérifiées par les services d'enregistrement pertinents.
--	--------	--

	[ de ]	Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.
--	--------	---

#### Service Name

<b>Name</b>	[ en ]	BE-YS SIGNATURE AND AUTHENTICATION CA NC
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**Authority Key Identifier** *9B:60:4D:AA:F0:F4:25:52:FA:A3:A1:6B:E8:6D:FC:8B:98:1B:D5:C5*

**Authority Info Access** *http://pki.almerys.com/almerysrootca.cer*

**CRL Distribution Points** *http://pki.almerys.com/almerysrootca.crl*

**Key Usage:** *keyCertSign - cRLSign*

**Thumbprint algorithm:** *SHA-256*

**Thumbprint:** *7B:9C:D1:EA:BB:A5:B5:9B:96:73:5C:3D:46:B2:21:3C:94:7D:46:4D:A8:D3:89:3E:22:D8:02:CE:71:17:68:C3*

**X509SubjectName**

**Subject 2.5.4.97:** *VATLU-LU29222134*

**Subject CN:** *BE-YS SIGNATURE AND AUTHENTICATION CA NC*

**Subject O:** *BE INVEST International S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *cVRnGiMDIzGf6zJ3z0IYVP8QzRU=*

**Service Status**

*http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted*

**Service status description** *[en] undefined.*

*[fr] undefined.*

*[de] undefined.*

**Status Starting Time**

*2019-02-20T01:00:00Z*

**3.1.1 - Extension (critical): Qualifiers [QCForESig, QCWithSSCD]**

**Qualifier type description** *[en] undefined.*

*[fr] undefined.*

*[de] undefined.*

**Criteria list assert=all****Policy Identifier:****Identifier**

*1.3.6.1.4.1.48620.41.1.7.3.1.1.1*

**Description****3.1.2 - Extension (critical): Qualifiers [QCForESeal, QCNoSSCD, QCNoQSCD]**

<b>Qualifier type description</b>	<i>[en]</i>	<i>undefined.</i>
	<i>[fr]</i>	<i>undefined.</i>
	<i>[de]</i>	<i>undefined.</i>

**Criteria list assert=all****Policy Identifier:****Identifier**

1.3.6.1.4.1.48620.41.1.7.3.1.4.1

**Description****3.1.3 - Extension (critical): Qualifiers [NotQualified]**

<b>Qualifier type description</b>	<i>[en]</i>	<i>undefined.</i>
	<i>[fr]</i>	<i>undefined.</i>
	<i>[de]</i>	<i>undefined.</i>

**Criteria list assert=none****Description****Criteria list assert=atLeastOne****Policy Identifier:****Identifier**

1.3.6.1.4.1.48620.41.1.7.3.1.1.1

**Policy Identifier:****Identifier**

1.3.6.1.4.1.48620.41.1.7.3.1.4.1

**Description****3.1.4 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation****URI***[ en ]*<http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>**3.1.5 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation****URI***[ en ]*<http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSeals>



### 3.2 - Service (granted): BE-YS SIGNATURE AND AUTHENTICATION CA NC 2

#### Service Type Identifier

<http://uri.etsi.org/TrstSvc/Svctype/CA/QC>

##### Service type description

- [en] A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.
- [fr] Un service de génération de certificat et la signature de la création de certificats qualifiés sur la base de l'identité et d'autres attributs vérifiées par les services d'enregistrement pertinents.
- [de] Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.

#### Service Name

##### Name

[ en ] BE-YS SIGNATURE AND AUTHENTICATION CA NC 2

#### Service digital identities

#### Certificate fields details

##### Version:

3

##### Serial Number:

10055

##### X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIIGVjCCBD6gAwIBAgIC00wDQYJKoZIhvcNAQELBQAwUjELMAkGA1UEBmRCR1lEDAOBqNVBAoT
B0FMTUVSWVMAEzAVBgNVBAsTDjAwMDUeNDMvNzAxNjM5MRgwFgYDVOQDEw9BTEIFUjEPT1Qe
Q0EwHhcNMjAwNDIzMTUwMjEwLWwzAwMDUeNDMvNzAxNjM5MRgwFgYDVOQDEw9BTEIFUjEPT1Qe
BkoTHEJTEjEjOAVVYCBnbnksc3RkbnRvbnRfMmQwQSAzAAEgNVBAMTGTJlVFJlTUJUR0B3VFS
RSBBTK0eQVVUeSEVOEID0VRJTB4eQ0EgTKMgMEZMBGGAUFEYRMQVAFUjEjTUyOTyMjEzNDCC
AihwDQYJKoZIhvcNAQELBQADggEPAgocggIBAMITXUZ0ND4wcaPUL1T08S1Wp0sWT-GBV
dhw1WzANbP4Tg9h0h0Qo2ambk099kG6MfTRCv3vqhgczcztfn0n0u0cB1TRKXDbZ9
WB2G3HM00QRDjgnaApRLRaFzZfEzBepfjsoLkL0SK8R8saAEgSB2IM6B17lpstfMg5W
BSHqZSK7MZmpOTBwPNWAAyEUed+gz286ZUCfagkRB3akMBoT+TWQYAh35oYfFRdJAj2EwE
Dz0R0YVWgdeWzr0lVtjksaV8S800MxNqXHLB0V1Aqadm2N04BoYQZ530uF4e9BK3yMUDh
PjhA/W0Ppfcw0VFBzBTbwy0uafXbOnN0NVJA3ZKzVVRPjUxxTFdLxgmbpVpWxLAj0bYzKh
8wcd4U+unqQf0Nekce9ntHn6vgajLpuLZA6Cm9PUNID+mWCSAMegsYZ00QvrRpluLLAaf
QntfctmzefevAlmZpmz02fjkm1UDV1W067TLA+mNGK360f0PQ2wWuLdZf0YXSw/
qPrXozmHJV1DcyZc0hyf0c7v8RDVLAzRameRyVaawMKL0eXag0a0cJub4YZN1g6DAtmd
76+ZqymimQw+ZILNwSPFGTQAWY1otFZ1H26VAgMBAAAGggEgBMH+MARGA1UdeEwEBwQFMAmB
A0wIQYDyROBVEFEEDRMSQzITJRD467fTSAcKMcRoA1UdIAQ1BmDewYKsYFBAAGC+3ap
AQcDAjAIBgNVHSMEGDAwEgB8bYE2s8P0UvqioWvohvLmBvVxTBEgRgEFB0cBAQQAMDVwNAYI
KwYBBQCjBMAKGGG00HAGL9wa2kuYWazZA5cy5j20v1WazZUsC3v03R1YSSZxwDgYDVR0P
AQHBAQODgEEMKGA1UdHwQoMDAwqASoCCGkG0dHAGL9wa2kuYWazZUsC3v03R1YSSZxwDgYDVR0P
c3v03R1YSSZxwDgYDVR0PMDAwqASoCCGkG0dHAGL9wa2kuYWazZUsC3v03R1YSSZxwDgYDVR0P
ISLkLDRU1xy5b+0R0x0ZSMEL1oQR2KHwTfLzVv8Zzrw0CreySnaE3BTZz0QnGExp0f
dJGNWYPTZfEg09fP9LZSW31653bn0a0n0671W00z2NvYfA0wX3Ew3hyWURUqPT4K8x7Q
YMSz90Q37AMjVRfzVcwcc7AsRyhapT9ea+Rxpofm14b2pa4KU31o8syo0ZLSfZaQcQMgw
uHMPak0EMbyArEPPAGhdWad0cSWVYgmsSf7b1ayNH7upa079g8K5L3CHHgwew-4imgsl
cCfrc36W9zGcc34yBk0Mwcc0QNHvYg8Nogm0f0ub0y55X3h90b0h0QRJm0cS0ngLubdy
wmpP8rlqwbVzNmXc0MKsNITSmvyz0w4A4CfC1x05YMy92MzGbaus3VYBbXatvRjJec0R
jgM1eR0kerF50DndD+vnzy09W36wY91Jf7b0jocMEETPRRde0XRC090LUSC0mMTA4cKimg
YACLK0PnwccRIVITHSK3yWgW0Jyjt7i5cS0Wm1ZYNV+3LZasExp38Wae9Wm0K3Uo
4r8DYXcW3qUGCQ5sND0B1vk9FYze+E6x19AR
-----END CERTIFICATE-----
```

##### Signature algorithm:

SHA256withRSA

##### Issuer CN:

ALMERYS ROOT CA

##### Issuer OU:

0002 432701639

##### Issuer O:

ALMERYS

##### Issuer C:

FR

##### Subject 2.5.4.97:

VATLU-LU29222134

##### Subject CN:

BE-YS SIGNATURE AND AUTHENTICATION CA NC 2

##### Subject O:

BE INVEST International S.A.

##### Subject C:

LU

**Valid from:** Thu Apr 23 14:39:23 CEST 2020

**Valid to:** Tue Apr 23 14:39:23 CEST 2030

**Public Key:**  
30820222300D06092A864886F70D010105000382020F003082020A0282020100CB535FB519E8C278C1EE1A3EE2C8EE7F3FB13C29A39593F86055761F6D656CD7361C4  
FE38E9F62882B10B90DAE9B4864A8D7F8C463CB4595E291081BES82111CCE27E7D229F4BAD701ACB4D83245DD86B67D581D97AB71CC02BD104438E99E401D3D  
J2D1685DA265F13305EAF3E7A57E42CEEAFAE11EACC40106481D9F34833A075EE5A7FB317E3320E560521EA4E64A4EC6589A93930703CD580698114783FF824CC  
1EB6502160C4AFD107768AF05068FB4D6418021DF7A38631151749023D84C040F33BC3D7BD681D796CDFC14BE392C68DB784BCAEB0C257BEAED71CB6C3575023  
A9D9B6350778068F576778B796EE1875CF41289C8C5270ED3E38405BFD0FA6BE9CC34545073053FE1C32D2EB855E13A7374355240DED64ACD5551E3551C3515D2F18  
266E95695B12C0AE3A1087267F2A1F3079DFF85389F18AA405A0D7A491CF489C7363EAF81AKC3A6E4D903A2029BD8FD50DD43FA658248031E82CF59774FD0BEB469  
52ED4B20069F4271467859C678F7AF01F982669BEB9FC2766C48E49AE5035F57D66B4E4BR4CB03130D08D2B7EADAR21A3436270696BA22D675943CAD5D2C3FAFA  
D7A359A71C955B80CCB6CDEA1BF217ED1ACEEF77C0C954BF145A99C47255A6B03242CEB17C6041AA1F709BA1E3F61935483AB0302B9DD4EFA566ABE3988990  
BE9598943704BD1464E4D00598281735351E3E950203010001

**Basic Constraints** IsCA: true

**Subject Key Identifier** 40:D1:33:94:36:C6:54:FF:25:1E:09:83:B5:05:48:48:80:70:92:BF

**Certificate Policies** Policy OID: 1.3.6.1.4.1.48620.41.1.7.3.2

**Authority Key Identifier** 9B:60:4D:AA:F0:F4:25:52:FA:A3:A1:6B:E8:6D:FC:8B:98:1B:D5:C5

**Authority Info Access** <http://pki.almerys.com/almerysrootca.cer>

**CRL Distribution Points** <http://pki.almerys.com/almerysrootca.crl>

**Key Usage:** keyCertSign - cRLSign

**Thumbprint algorithm:** SHA-256

**Thumbprint:** C9:09:A9:E7:A2:4F:AB:F3:C9:4E:CF:85:C4:16:A5:5C:27:BA:8B:6F:F9:38:F4:6B:2F:5C:B8:92:C5  
:D6:2E:84

**X509SubjectName**

**Subject 2.5.4.97:** VATLU-LU29222134

**Subject CN:** BE-YS SIGNATURE AND AUTHENTICATION CA NC 2

**Subject O:** BE INVEST International S.A.

**Subject C:** LU

**X509SKI**

**X509 SK I** QNEzIDbGVP8IHgmDtQVISIBwkr8=

**Service Status** <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

<b>Service status description</b>	[en]	undefined.
	[fr]	undefined.
	[de]	undefined.

**Status Starting Time** 2021-06-10T01:00:00Z

**3.2.1 - Extension (critical): additionalServiceInformation**

AdditionalServiceInformation

URI [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures>

3.2.2 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

URI [ en ] <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSeals>

3.3 - Service (granted): BE INVEST TIMESTAMP UNIT 9

**Service Type Identifier**

<http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST>

**Service type description** [en] *A time-stamping generation service creating and signing qualified time-stamps tokens.*  
 [fr] *Un service de génération horodatage création et la signature temps timbres jetons qualifiés.*  
 [de] *Ein Zeit-Stempeln Generation Service Erstellung und Unterzeichnung qualifizierte Zeitstempel-Tokens.*

**Service Name**

**Name** [ en ] BE INVEST TIMESTAMP UNIT 9

Service digital identities

Certificate fields details

**Version:** 3

**Serial Number:** 187419

**X509 Certificate**

```
-----BEGIN CERTIFICATE-----
MIIGDCBNCgAwIBAgIDAtwbMA0GCsGSIb3DQEBCwUAMIGCMQswCOYDVOQGEwIMVTEIMCMGA1UE
ChMqQkUjSU5WRVNUIEhhdGVybmluW9uYW9uYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
IEFORCBVVRURUSU5URVVEFTEBDSNBQGEZMkGGA1UEYRMV9hbmF0eW9yYy5jYy5jYy5jYy5jYy5j
MTA2MTg0MzA1NDNaYW9yYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
SUSWRVNUIEhhdGVybmluW9uYW9uYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
MSM0YDVOQGEZMkGGA1UEYRMV9hbmF0eW9yYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
OTYyMjYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
bnZ2W29hbnR0eW9yYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
zJPXpZVvpcXU5S0p0GSCGYm1k6fH62hcNvBOZEMWdDgk6E53kv1Fw9kFrA1VWslalJH
X=nt5LzE1MwhsptCAwEAACAAEwagDM8YGA1UEQGEwQmMGA1UEFwMBBSGA1UEFwMBBSGA1UEFw
MBBBAFFHUZaojA5c3cn-syd89JFTEMOVMIG3BgggrBgfBQcBAwSBQgCBpZAIByEAI5GAQEwEwYyG
BACORgEMAKGByOAJYBgggrBgfBQcBAwSBQgCBpZAIByEAI5GAQEwEwYyG
4W50ZAZWRpYXREILXaz2lmbmF0eW9yYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
U1NRSBVFVSURFOREFVEFTRQ0FUSU9OLVBEU5wZGYTAkVOMHRGCSGAOUFBwEBBHMwcTBK
BgggrBgfBQcAwYyYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
bnRpZ2FuW9uYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
A1UdIAQVMBMwEQPKwYBBAGC-2wPACDAQUBMIGVBNVHR8EgYongQqBAoD6GPGi0dHA6Lj9n
a2kuYm1uXMuY29lJllXlzc2lmbmF0eW9yYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
QY=+HRkE1w1jBnX5h6G1lenZlMvN89ZS1Sc3NpZ25hdHVsZWFuZG91Yy5jYy5jYy5jYy5jYy5j
Y2FuYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5jYy5j
AAOCAGeAImaQC3el20k4zqEY541FvKxLzytr9jBdRARPrw74P=raW0HEFSOvlg
GPI0MwE2Z8h0b09PF1L=+T70zpnNucg2rH4Syyad8u4H0N3PTL1tdoUby
8c9fZkugxtQz9SH8a0AXwAd7a2Em7toEDbkDGG4Mn6YHVdsVxSHvq++O-XRCe4d5FxE10
76CkRiSpBjmasfmbGTBtkEakKpFgsmsaa=Hj9N1LuL25q1THy07B50AgQ8ccQL001pxL
BcyREZ=uel47NY5WCMBkAtfwd6L0lQe8S8PKScemv3Zsm6pMNX5Zu5wWc74TCCGL0
6PcK1+rvwX209v31z7l60vPD3SKWLCAENoPua1BBwTAqP8TUnhpF0TwmYjg6v4ZlQsJnT
QzqaX01qaYQhUfPMZDF7+DawygVq6B9DFHFFH6NRBBWLU5Kk6zV76bHJLJ53GkV9R2C
0hw7TpwadAUgdR0ooc22X5gnb9q9RDQLDzQ7NSHL0B8vrcU1N16q6pK9X5wGE0B8p9nQ
vBqLV1Gdw9c2w1p09jWclzOkat+1npSQ1mN8XANg3CkpMcov3A00z1MSok6W0SQ0h8KQooWb
GIEqbyQ=
-----END CERTIFICATE-----
```

**Signature algorithm:** SHA256withRSA  
**Issuer 2.5.4.97:** VATLU-LU2922134  
**Issuer CN:** BE-YS SIGNATURE AND AUTHENTICATION CA NC  
**Issuer O:** BE INVEST International S.A.

**Issuer C:** LU

**Subject 2.5.4.97:** VATLU-LU29222134

**Subject CN:** BE INVEST TIMESTAMP UNIT 9

**Subject OU:** TIMESTAMPING SERVICES

**Subject O:** BE INVEST International S.A.

**Subject C:** LU

**Valid from:** Thu Mar 18 14:05:43 CET 2021

**Valid to:** Mon Sep 18 15:05:43 CEST 2023

**Public Key:**  
30820122300D06092A864886F70D010105000382010F003082010A0282010100E9099B8B69F9033865B4E466AE5E2D16E6EF9F65B66F618466AF661EBA7753F88BC3F0  
8F23FC5901139A88C0EF001E64C4EBAC43A0E1ED723484AC829E3C7091F7FD8B8387D924D912B691D76F9EED3098F7B42D3D236289B9A5D8876713762CBDCB0F4  
7E726AC7C986A465D7698B329EB1FF668ADC8B38C61E41CB8DE5D1CD6FC5449EF347784AFAF5B80A368815633F5A30FC061D326E691D2300731F456C6C10378183042  
C8D024CC624B96C419DA3B63C0FCB5DB9643FC661F4DCC93D7ABF3EDD95BFFA5E5EE4BA49386E421989AD93A25E1FAD4178DC556CE644F0D5B10E02BA884E77  
92FD45C3D905A408D55ACD5A5087E25FE9D3E34785321C21E2950203010001

**Extended Key Usage** id\_kp\_timeStamping

**Authority Key Identifier** 71:54:67:1A:23:03:97:31:9F:EB:32:77:CF:49:58:54:FF:10:CD:15

**QCStatements - crit. = false** id\_etsi\_qcs\_QcCompliance

**Authority Info Access**  
<http://pki.almerys.com/be-yssignatureandauthenticationcanc.cer>  
<http://ocsp.almerys.com>

**Certificate Policies** Policy OID: 1.3.6.1.4.1.48620.41.1.7.3.1.5.1

**CRL Distribution Points**  
<http://pki.be-ys.com/be-yssignatureandauthenticationcanc.crl>  
<http://pki.almerys.com/be-yssignatureandauthenticationcanc.crl>

**Subject Key Identifier** 45:6D:D5:86:17:4C:19:36

**Key Usage:** digitalSignature

**Thumbprint algorithm:** SHA-256

**Thumbprint:** EB:CB:FB:0A:51:40:AB:C8:6E:AE:C4:0D:09:01:94:25:45:8E:89:E8:26:8B:6B:B4:39:D5:93:33:38:A7:9E:27

**X509SubjectName**

**Subject 2.5.4.97:** VATLU-LU29222134

**Subject CN:** BE INVEST TIMESTAMP UNIT 9

**Subject OU:** TIMESTAMPING SERVICES

Subject O: BE INVEST International S.A.

Subject C: LU

X509SKI

X509 SK I RW3VhhdMGTY=

Service Status <http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>

Service status description [en] undefined.  
[fr] undefined.  
[de] undefined.

Status Starting Time 2023-03-01T13:20:54Z

### 3.4 - Service (granted): BE INVEST TIMESTAMP UNIT 10

Service Type Identifier <http://uri.etsi.org/TrstSvc/Svctype/TSA/QTST>

Service type description [en] A time-stamping generation service creating and signing qualified time-stamps tokens.  
[fr] Un service de génération horodatage création et la signature temps timbres jetons qualifiés.  
[de] Ein Zeit-Stempel-Generation Service Erstellung und Unterzeichnung qualifizierte Zeitstempel-Tokens.

Service Name

Name [en] BE INVEST TIMESTAMP UNIT 10

Service digital identities

Certificate fields details

Version: 3

Serial Number: 187436

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIIGTCCBNgeAwIBAgIDAtmsMA0GCSpGSIb3DQEBCwUAMIGCMQswCOYDVQQGEwJMVTIEMCMGA1UE
ChM6Q29udGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVud
IEFORCBVVRIRUSUzNjU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0
MTA2MTExMzI1MjUwMTA2MTExMzI1MjUwMTA2MTExMzI1MjUwMTA2MTExMzI1MjUwMTA2MTExMzI1
SjUwRVRUeUoGdGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGV
MScwagYpYQDEtcRSRtZjU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0NDU0
MjkyMjIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzIyMzI
Q13gsseyV17VSBEdDkocvFWgpWRHe4svzgfStrepqJKo8Cu7KOAg9pAgTK7sBla-KwRh-pljZ
m3PF0adITXnfyTHe-wKXVym4fJbbM0d086VipZremXyfi0w49y9RiWKR0XQOEkgA4dzu
c01mJl6gTIP6-NypFgSaXAtpxsGCKE7MRknA1hP=I2JKidWglUHXhwWc3XPBY2ELBUM
HTBMcwgRVWpwWakPuWagJl04omvWGu50W87DFichenTmwZk7lunaKVs3DnE8wigSecAn66/
92Bc-fn4glzLr-UbaqBAAGoggerMICKTAAW8pVNSU1BARDEBAK8ggBgrEgEFQDCDAI8gNVHSME
GDAWBgBRrVgcaUOXMZAMnPSVUADNFICBwYKwYBBQHAQMEgaowgacwCAYBACORgEBMBMG
BgQAKYBBYAIBgcEALSQAQYCMIGfBgYEALSQAQWwzB5FnNodHRwObvctGpLm5bWVscXMuY29l
T2ludGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGV
WVNtSLdQOQVRUVKvBTKRBVVIRIRUSUNBVVEIPT11ORFMacGRmEwJF7B BggrBgfEQeBAORZMHEw
SgYKwYBBQHAQMEgaowgacwCAYBACORgEBMBMGBgQAKYBBYAIBgcEALSQAQYCMIGfBgYEALSQAQ
ZWS0WVndGvbmNhmMmY3JSMBEgA1UldDgOKBAhGduQ1TnaDzAOBGNVHQBAEBAACBAwDOYKozZllvcNAQEL
BQADgglBAGhpXXymL878PvcSztWyeOMP9zQgH80JGSCEniBF9mJlismDDztSvYNUUgn6IC
N8kWRk-1pYvR8v-VeZLkU1NcaAymj4-KRBsp1RzRVdImZg8R-4gE8v4YKp1eG2TGf0vc
55l8PgJlDo//f51HewA8SiMVwLg1RQVzKBLwDpkcmduHw8Qac1A900Mpn8VScPpQ22
-5C8oxWvVP7HDhTzXqBAgrAGSgW9mJKY14kccckbcuLeylammE0zdZbYdlZtO7Metoz9pH6
03vB7ZLJcvtdsRMSFEkA7eJdLc9PmAgcs7-BCc0InH8QVdWkcpWesvDm4p0vHVS12
ZhhJ1-5uVulUvAVFjcKmlVTYLSL-EhRD8RdyoLdb6D6sCCNBB7b172d-H5HbM16wLDA
o6Zd10hGUJlvc1FH84BvJgVLUlU6ogezV=kSpLzcpN7Qg1TLXAU8MMUYN17T-096aoQs
lZg8qFR3KQ7v1wK1Y7A688hEon17w40Ry0-4MwqZ3gggGT5m8KjISZCz8uAQQRm4f
TTK3cIG8oA5+gqplOcsOmkBlyecCm044F=1mxTb1U8kV14X3AEbnhuE4wYs1yWthvIGW/s1W
DOLMDRP
-----END CERTIFICATE-----
```

Signature algorithm: SHA256withRSA

Issuer 2.5.4.97: VATLU-LU29222134

**Issuer CN:** *BE-YS SIGNATURE AND AUTHENTICATION CA NC*

**Issuer O:** *BE INVEST International S.A.*

**Issuer C:** *LU*

**Subject 2.5.4.97:** *VATLU-LU29222134*

**Subject CN:** *BE INVEST TIMESTAMP UNIT 10*

**Subject OU:** *TIMESTAMPING SERVICES*

**Subject O:** *BE INVEST International S.A.*

**Subject C:** *LU*

**Valid from:** *Thu Mar 18 14:29:12 CET 2021*

**Valid to:** *Mon Sep 18 15:29:12 CEST 2023*

**Public Key:**  
30820122300D06092A864886F70D01010105000382010F003082010A0282010100B07A16328C71C711928E0D0147EC29B4413E60B2C7B255FEDE549BF340E4A1CBBC55A0A564477B8E72CE01684A87A9A9030A43C7C2BB828E020F69E20B4AEECE5B95AF8A C1187E4488D9997F45388684213B579C8CA9EC7B3E19689755898814983B303B844B4A9558A94339B85EA C9F77003DAFD84B5A3291D3D5D7425DE48000EECC EE78ED667C8E8975394FEBE358A4S16049A5FF01FA71B060AD284ECC9119C02213FEFF5D893CAB9D5AA5072178707D67B75CFB4163610B85424C1D304C730811556A705AC28FB9668626EE309EF586FE EE7A5BCEC34C589C85E9D39B07F3964EC9BA768A56CD C336113CC238127A87009FAE6F6F6046F819E5CE02F6AF5010203010001

**Extended Key Usage** *id\_kp\_timeStamping*

**Authority Key Identifier** *71:54:67:1A:23:03:97:31:9F:EB:32:77:CF:49:58:54:FF:10:CD:15*

**QCStatements - crit. = false** *id\_etsi\_qcs\_QcCompliance*

**Authority Info Access**  
<http://pki.almerys.com/be-yssignatureandauthenticationcanc.cer>  
<http://ocsp.almerys.com>

**Certificate Policies** *Policy OID: 1.3.6.1.4.1.48620.41.1.7.3.1.5.1*

**CRL Distribution Points**  
<http://pki.be-ys.com/be-yssignatureandauthenticationcanc.crl>  
<http://pki.almerys.com/be-yssignatureandauthenticationcanc.crl>

**Subject Key Identifier** *46:76:EF:E3:41:39:DA:0F*

**Key Usage:** *digitalSignature*

**Thumbprint algorithm:** *SHA-256*

**Thumbprint:** *C5:E2:E5:34:AB:13:F9:F2:62:24:58:E0:8C:E3:1C:C0:35:B3:5F:E6:4A:8D:C1:20:2D:07:2A:5C:EE:E6:32:F1*

**X509SubjectName**

**Subject 2.5.4.97:** *VATLU-LU29222134*

**Subject CN:** *BE INVEST TIMESTAMP UNIT 10*

**Subject OU:** *TIMESTAMPING SERVICES*

**Subject O:** *BE INVEST International S.A.*

**Subject C:** *LU*

**X509SKI**

**X509 SK I** *Rnbv40E52g8=*

**Service Status**

*<http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/granted>*

**Service status description** *[en] undefined.*  
*[fr] undefined.*  
*[de] undefined.*

**Status Starting Time**

*2023-03-01T13:20:20Z*





**Public Key:**

```

30820222300D06092A864886F70D010105000382020F003082020A0282020100995F5D21CC2D225B2C2DCB09041F875F60677C69FCD E2627B61A14D4F57E7E63C306
2CD70B35962AFBAA1845ECB7607AB42AF8E1E29F624A05E490FAC262B4D18158567F077E78FFB3505329C8A7DF56BD92EE374F3483DE C82AA9DB268855C0A93F26
49FC127E5287C039F2D33BE7E784C30DA573859F646DAF13EF883679E08149F17EB085A7407BF2D0E5B1960817980B98A3DB C889F94DE8F266FB938ABCBAA232
D718DBED72E149375C3AD108E0CA15474CFEC07DB83645E90F36952E5B4967ED459C09CA183084184117BCA27A55FE66BA43FA341EE5C3C02F62113D07ADA015BB
11E70D71187C846E46023622BA759881B772651C4EC965E311F0582AA4E14EB3B140EE1EFA115FBA234B8D312179B9F6E3648EE22A69655E796B531D455F8B2419
FEE0A0E4533AAAF20474699833AD0AD04520F9EC91A030A9EBE2EAE67336E30A181FCDDE4BE82CF9E542085BA35F31DF9679B0CDBAF32D22F6A32C7F4B9F2AF C7
75D3C08F8F14AA CA72FFDE33ED28A6459D7687EDACB30C0752E6F720E0582742FF592854157267D2EB36B4BF C6DB1B6F922A573A6ABB5AF758E32F8892D7DAD843
4A79863A8EBBBD E2B5654D1D2026B08F2E9FAA610331A208F5E5F3DDDF1DA3EA B282E4DFEB C0DA9FB3BA CA3DFEB2B771F32A0C14D7FB11D1BF4BA7DA931ED68C
152452118AFA C7032F7994DE4F415F81ED181C93B7364D0203010001

```

**Basic Constraints***IsCA: false***Subject Key Identifier***28:AA:FC:1E:03:4D:CC:E5:63:AA:8E:5E:A6:C8:E9:52:FC:B9:C3:32***Extended Key Usage***id-tsl-kp-tslSigning***Key Usage:***nonRepudiation***Thumbprint algorithm:***SHA-256***Thumbprint:***ED:25:3A:AB:16:B1:18:3E:3F:7C:69:57:46:DF:FB:3B:51:05:0D:E9:B2:89:80:5F:01:88:93:89:C7:2  
F:B2:8E*