



LUXEMBOURG (LUXEMBOURG) : Trusted List

Tsl Id: TrustServiceStatusList-1

Valid until nextUpdate value: 2019-02-28T00:00:00Z

TSL signed on: 2018-08-31T08:56:01Z

TSL Scheme Information

| | |
|-------------------------------|--|
| TSL Id | <i>TrustServiceStatusList-1</i> |
| TSLTag | <i>http://uri.etsi.org/19612/TSLTag</i> |
| TSL Version Identifier | <i>5</i> |
| TSL Sequence Number | <i>34</i> |
| TSL Type | <i>http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUgeneric</i> |

Scheme Operator Name

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

PostalAddress

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

PostalAddress

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

PostalAddress

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

| | | |
|--------------------------------------|--------|---|
| Country Name | [de] | LU |
| ElectronicAddress | | |
| URI | | mailto:confiance-numerique@ilnas.etat.lu |
| URI | | mailto:confiance-numerique@ilnas.etat.lu |
| URI | | mailto:confiance-numerique@ilnas.etat.lu |
| URI | | https://portail-qualite.public.lu/fr/index.html |
| URI | | https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information/index.html |
| Scheme Name | | |
| Name | [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. |
| Scheme Information URI | | |
| URI | [en] | https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information/index.html |
| URI | [fr] | https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information-fr/index.html |
| URI | [de] | https://portail-qualite.public.lu/fr/confiance-numerique/prestataires-services-confiance/liste-confiance/scheme-information-de/index.html |
| Status Determination Approach | | http://uri.etsi.org/TrstSvc/TrustedList/StatusDetn/EUappropriate |
| Scheme Type Community Rules | | |
| URI | [en] | http://uri.etsi.org/TrstSvc/TrustedList/schemerules/EUcommon |
| URI | [en] | http://uri.etsi.org/TrstSvc/TrustedList/schemerules/LU |
| Scheme Territory | | LU |
| Policy Or Legal Notice | | |
| TSL Legal Notice | [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. |
| Historical Information Period | | 65535 |

Pointer to other TSL - EUROPEAN UNION1.EU TSL - MimeType: application/vnd.etsi.tsl+xml

TSL Location

https://ec.europa.eu/information_society/policy/esignature/trusted-list/tl-mp.xmlEU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 21267647932559079066510326516695893879

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIIDDCCAuSgAwIBAgIQEAAAIAAAWgSjSGkIUcHdzANBgkqhkiG9w0BAQUFADAzMQswCQYDVQQL
EwJCRTEtMBEgA1UEAAMQZ200aXplbiBDOQTEPMAOGA1UEBRMGMAA2MB4XDTEZMDcxNzE3NDQw
OFoXDTE4MDcxMzNkLTI0VowhELMAKGA1UEBHMCMQkUAIABgNVBAMTGjBpZCJyZSBEYW11cyAg
U2hhbmRlMjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0MjR0
BAUTCzYwMDIsMjExOTESMGMAOCCSjGSI3DOEBQAUAAGNADCBkQkBgQCMv--7DvhlZwG3pnrU
DgaYRSZ--jZLNZcyXuloKsqAcSjSMFEmk0gsZRF--4dk0hgCvbKpm66FcvTInXQrvPX88yYnpB
Ysw0tESp4p9Nz--ZcswXkRRX+50I8p--WfVfGibhoF01.WU(2ic4kyvMIP4/MR4TGQR
cwIDAQABo1IBUzCCAUsHwYDVR0BIBgwFoAUwwDck03rH3jkaR2RQ/KP88cwbYKwYBBQUH
AQEEYjBgMDVGCsGAQUFBzACipodHRwOn8y2VydHMuzWklmlJbGjpdW0wYmlvY3YmVsz1bXZj
MjE5em9wcyYkcyYERjR0IEMAGGcm0hIAQ1o9vYFNlmpVzCzSzWmaXV0LmJlMEQA1UEAQMDEw
OQYHYDgJAOECA1AUMCwGCCGAUFBzACipodHRwOn8y2VydHMuzWklmlJbGjpdW0wYmlvY3YmVsz1
ZTA5BgNVHRSEMAwMCoGlKAgibodHRwOn8y2VydHMuzWklmlJbGjpdW0wYmlvY3YmVsz1bXZj
Y3MAMAGA1UEBwEBwQEAwQARBgkqhkiG9w0BAQUFAAOCAQEAEE3KGM.XSXXqArQwLZQmQEE6orK
BgQAkYBATAANBgkqhkiG9w0BAQUFAAOCAQEAEE3KGM.XSXXqArQwLZQmQEE6orKSu3aL8ky1ts
ZC4rMk1yprc6M5iDuU4NooopthM.W.Ak:G0PC.NbvXVxcY7gUbwatomytInKCMShGyHqWcG8
enJBR00--3P4psooP8sX2zV9XkS4dEemFVLT7wG7GwAudeP7Dw87qm0ZMAUQqF3U
UAsD7yEyhmK245KcoPYYeCHGh7r1HzVWhBUDeQeiPpOjVqBmr4k1ACuu4H196K1Psk7r
a5jFEPgy3Hx0YqzoY07WTVePsAgqltelX1Fhse7q83lhc.ZiysBRqYokUzpo1rbQw==
-----END CERTIFICATE-----
```

Signature algorithm: *SHA1withRSA*

Issuer SERIAL NUMBER: 201306

Issuer CN: *Citizen CA*

Issuer C: *BE*

Subject SERIAL NUMBER: 60021211919

Subject GIVEN NAME: *Pierre André*

Subject SURNAME: *Damas*

Subject CN: *Pierre Damas (Signature)*

Subject C: *BE*

Valid from: *Wed Jul 17 19:44:08 CEST 2013*

Valid to: *Sat Jul 14 01:59:59 CEST 2018*

Public Key:

Authority Key Identifier

```
30:81:9F:30:0D:06:09:2A:86:48:86:F7:0D:01:01:01:05:00:03:81:8D:00:30:81:89:02:81:81:00:8C:BF:EE:C3:BE:1C:CB:C0:6D:E9:AE:2A:D4:0C:66:98:45:2D:BE:8C:16:6D:37:67:18:5E:E9:68:29:2A:80:73:94:39:F0:51:26:93:
48:3C:65:11:7E:FE:87:64:BF:C8:60:DA:F6:C1:72:99:86:EX:57:2F:4D:F3:71:41:8C:4F:5F:CF:32:63:0A:41:62:C5:A7:27:76:83:E4:FE:10:AC:DD:BE:7D:9C:70:C5:F5:F1:45:17:7A:DD:F4:20:1A:6B:F9:66:05:BF:F1:A1:26:
1A:05:A3:42:D6:51:E8:42:E1:EC:AF:9C:C7:CF:E0:9F:CC:47:84:C6:95:04:6B:72:02:03:01:00:01
```

C3:0F:C3:72:4D:3F:DE:B2:38:DE:39:2E:47:64:50:FF:F2:8F:F3:C7

| | |
|-------------------------------------|---|
| Authority Info Access | <i>http://certs.eid.belgium.be/belgiumrs2.crt</i> <i>http://ocsp.eid.belgium.be</i> |
| Certificate Policies | <i>Policy OID: 2.16.56.9.1.1.2.1</i> <i>CPS pointer: http://repository.eid.belgium.be</i> |
| CRL Distribution Points | <i>http://crl.eid.belgium.be/eidc201306.crl</i> |
| QCStatements - crit. = false | <i>id_etsi_qcs_QcCompliance</i> |
| Key Usage: | <i>nonRepudiation</i> |
| Thumbprint algorithm: | <i>SHA-256</i> |
| Thumbprint: | <i>FF:EA:7F:0E:D2:9B:EB:07:73:EA:3B:0C:47:29:BB:F8:00:A6:C3:90:B6:21:95:CB:27:0F:12:A4:A A:62:F2:84</i> |

EU TSL digital identities

TSL Scheme Operator certificate fields details

| | |
|-----------------------|---|
| Version: | <i>3</i> |
| Serial Number: | <i>21267647932559078025136389726459194295</i> |

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIIDTCCAuWgAwIBAgIQEAAAAAAAAWcxEUPl6SDrtzANBgkqhkiG9w0BAQUFADAzMQswCQYDVQQG
EwR3RTEtMBE6GAIUEAAAMKQ2I0aXplbWl0dQTEPMAAGAUUEBRMGMAAmZEsMBADITEZMDcyNDAA
NDUz
MVMOTF5MDkxODIzTEI0YmVzZmZlMkAKGAIUEBRMGMAAmZEsMBADITEZMDcyNDAA
NDUz
KFNpZ25hdHVsZSkzAMBeNVBAQTBUN0dG9SMRYwFAyDVOQgEwInYWYdQvUuEprvcmZMRQmEgYD
VQJFEwsmZezYMTQyNDEwMjBzANBgkqhkiG9w0BAQEEFAA0BQAQwgYkKgYEAybrT8USYkuh4X+Y
FccwkeTmfP8pwWQ28wOQpRCymajz468C7YxMf-QqEjEtpZcZiY06bYsKxsfEmk9D
+G49WV9jg=FingbOcxwCWJ086Qv-Aoagw6IKkz2wpEJlwcS1VEzAm+WKEImNmclphYRT
LSLCAwEAAsCAYWwgggPMBSGA1UduwQYMBAFLwsY0d3YXZlcnv5T09R51FmNmMG4GCCsGAQUF
BwEBBChvYDAzBgggrBgEFBQcwAoYqAR0Dowl2N0aRdLmVpZC5zVzmaXVILmllL2Jl6gdpdWly
czUy30MCYGCCsGAQUFBzABhhpdHRwOj84b2Nzc3laW0uYmVsZ2l1bSSIZTBEBgNVHSAEPTA7
MDkGR2EA4CQEBAGeWJAsBggrBgEFBQcCARFgaHR0cDowl3kCQ9maXRvcmkzWkllm0GkpdpW0u
YmlwOQYDVR0BBGMDAucyYkcyYoaHR0Dowl2NpYk3laW0uYmVsZ2l1bSSIZTBEBgNVHSAEMGEx
LmNpYDAOBgNVHQBABEBAMCBkAwEQQYJYIZIAu6QgEBBAQDAgUmBgGCCsGAQUFBwEDBAwwCjA1
BgYEAISGAQewDOYk0zBwvNAQEFBQAjggEBAHNkqzOD4aX084fgIB6wcpkmLGTqkz2K9UZI
EWUlyQhnpzKX6YMAHf9vzL7Bh0uEiAvyZG3caAEDRZznFwvS8N0hLc0lBacks885vYQ
UO7l6vznLLvQ7W3LskCnEva5h0h9wMyINp89k402l7MD4BsdXoMN2lAESsu59BmNayLF6
YrLEzZobH0CkEbsjYkYVVC4WM7uudX-QpI4BNB41o2qZJfqsR7W0p8kxY78PYk06
KXldgZNoB4IRwcozIccy3RvYpsYvF3oppNHQqkZnzswGc0zBlWYFpxgdj0U9k771c=
-----END CERTIFICATE-----
```

| | |
|-------------------------------|----------------------------------|
| Signature algorithm: | <i>SHA1withRSA</i> |
| Issuer SERIAL NUMBER: | <i>201311</i> |
| Issuer CN: | <i>Citizen CA</i> |
| Issuer C: | <i>BE</i> |
| Subject SERIAL NUMBER: | <i>83121424102</i> |
| Subject GIVEN NAME: | <i>Maarten Joris</i> |
| Subject SURNAME: | <i>Ottoy</i> |
| Subject CN: | <i>Maarten Ottoy (Signature)</i> |
| Subject C: | <i>BE</i> |

Issuer C: *LU*

Subject T: *Professional Person*

Subject E: *maarten.ottoy@ec.europa.eu*

Subject SERIAL NUMBER: *10304444110080837592*

Subject GIVEN NAME: *Maarten Joris*

Subject SURNAME: *Ottoy*

Subject CN: *Maarten Joris Ottoy*

Subject OU: *0949.383.342*

Subject O: *European Commission*

Subject L: *BE*

Subject C: *BE*

Valid from: *Thu Sep 15 11:00:12 CEST 2016*

Valid to: *Sun Sep 15 11:00:12 CEST 2019*

Public Key:

30:82:01:22:30:0D:06:09:2A:86:48:86:F7:0D:01:01:01:05:00:03:82:01:0F:00:30:82:01:0A:02:82:01:01:00:B2:52:7E:4D:BD:D2:D7:A5:64:80:3C:5E:D2:FA:D3:B2:FC:CE:AE:63:C5:27:E6:C3:6D:D9:CF:CF:3A:CF:CE:1E:F7:1F:63:E8:21:05:7C:23:17:51:1F:7C:D5:64:BB:64:4A:AB:08:30:DF:E7:72:44:12:35:78:EA:B6:97:BA:F4:CF:D7:60:25:DE:34:CC:1E:DA:FE:9C:4C:D7:44:AC:0D:3E:35:30:90:79:89:04:58:13:89:10:EF:71:46:03:AD:68:5C:3E:77:D1:F6:0D:CF:10:80:F5:D5:97:CD:0E:34:2F:EC:1D:A4:F6:EB:56:D7:E0:8B:EA:51:4D:94:97:A1:C6:45:D9:51:E9:BA:23:C4:55:EC:47:3C:7B:7A:F2:B5:FF:1B:CA:58:1E:0E:F3:99:83:84:04:F2:EC:8E:34:00:C1:BA:DS:6:4:82:9B:F5:8A:60:93:06:F8:CE:26:85:83:AS:19:7A:63:1F:46:D9:7B:4B:4E:14:5A:38:E1:39:45:23:67:ED:B5:EA:27:BD:57:A7:0C:49:7C:E0:FB:90:A8:F4:75:52:5C:F7:6A:A2:83:61:32:B3:92:85:32:3B:23:30:E3:6B:7A:D7:01:CC:3A:4E:4B:CF:0E:06:44:A4:22:59:EF:71:C2:C7:3F:83:5A:75:BB:0F:62:6E:5C:C7:A5:02:03:01:00:01

Basic Constraints *IsCA: false*

Authority Info Access

http://qca.ocsp.luxtrust.lu

http://ca.luxtrust.lu/LTGQA3.crt

Certificate Policies

Policy OID: 1.3.171.1.1.10.3.1

CPS text: [LuxTrust Qualified Certificate on SSCD compliant with ETSI TS 101 456 QCP+ certificate policy. Key Generation by CSP. Sole Authorised Usage: Support of Qualified Electronic Signature.]

CPS pointer: https://repository.luxtrust.lu

Policy OID: 0.4.0.1456.1.1

QCStatements - crit. = false

id_etsi_qcs_QcCompliance

id_etsi_qcs_QcSSCD

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

CRL Distribution Points *http://crl.luxtrust.lu/LTGQA3.crl*

Subject Key Identifier *47:C3:B1:09:01:B1:82:2B*

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint: *9C:1A:3B:64:6E:AF:13:23:98:EF:31:9E:41:C8:E7:ED:72:5B:64:D5:77:25:80:AE:12:5D:59:C0:F6:84:56:30*

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: *3*

Serial Number: *1974568*

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIHHDCCBPgAwIBAgIDHhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQK
DAUMGXBuLnVzZCBlkFuMScwQYDVQDDBSMDXlcnVzZCBlbG99YVWwLXUuVjB6GlnaWVkJENBDMw
HhENMTEcnVExMTA5NzI1WkNlMjA5NzI1WkNlMjA5NzI1WkNlMjA5NzI1WkNlMjA5NzI1WkNlMj
EwJCRTEcMBoGAlUEChMTRXVvY3B1Y29hWlE2b2VhYVMBMGA1UECzMMDMk00S4zODMaMzQy
MSEwHwYDVQQGEkdnaWNoWNoYVWVlLnRlLWJvZiZlZmVzZmVzZmVzZmVzZmVzZmVzZmVzZmVz
EgVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVWVW
KQYKozIhvcNAQkBFbxtaWNoYVWVlLnRlLWJvZiZlZmVzZmVzZmVzZmVzZmVzZmVzZmVzZmVz
ZXNzaW9uYVWwLXUuVjB6GlnaWVkJENBDMwHhENMTEcnVExMTA5NzI1WkNlMjA5NzI1WkNlMj
mVlPpYHhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZC
E3A00SdHhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZC
4VhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZCBlkFu
HhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZCBlkFuM
dF9uKuoIPDQ0phHhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMG
AQkAMGwJwYkYBBQIHMAGGAgZm9udHhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMR
A0YUaHRkLnVzZCBlkFuMScwQYDVQDDBSMDXlcnVzZCBlbG99YVWwLXUuVjB6GlnaWVkJENBDM
BgggSsBAQoDAIChMTRXVvY3B1Y29hWlE2b2VhYVMBMGA1UECzMMDMk00S4zODMaMzQyMSEw
aWNoYVWwLXUuVjB6GlnaWVkJENBDMwHhENMTEcnVExMTA5NzI1WkNlMjA5NzI1WkNlMjA5Nz
Y2IzSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZCBlkFuMScwQYDV
OBTdXb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZCBlkFuMScwQYDV
HhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZCBlkFu
MAYGCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZCBlkFuMScwQ
lb2ZqHhEIoMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZC
MyJcmwEIQYDVROBAsEEDzGmY4nyZMA0GCSqSb3DQEBwUAMEA4CzAJBgNVBAYTAkYVMRYwFA
UAMEA4CzAJBgNVBAYTAkYVMRYwFAYDVQKDAUMGXBuLnVzZCBlkFuMScwQYDVQDDBSMDXlcnVz
v62gVhSGGwDKckIzE3k9wUJTS0Tm3R0mY0bzhVqatsD0of1b2BwhNmoofwosLZs5QILv+F
MLkHec09mM4czP08Vsh6dZdGz9Wrx0BZ7hps3cSBHh1a6H1E5+st19Au+GvTSXuS5h3k
mV9k6cKcQK9f+maPpNTyNo8kQgQQBwITMh6PQedaW0Lak0mpRbuHf9+sdVv6046BCN
yKUPhMgd0ZgSroCJp5EplWzAmM5yMuMMKXqW5Xh1qU0kTGVBCk0ElmhvtCOBBTIEsvh7y
Q5bYpz1099LJ+uQ114D10u+VSmw08AYTPKb5wzKkEwWkqZ0Kwmm0ko8P9YHhEIoMA0GCS
sD1nc3WzFkapA0E0XU5P08Rw391T0P0u0kK1PEWTPmYVjEDY5Suh8kH1BRBv/
o9Pvax6dArpVuhDWwDjuAT1bW3e+JlCyQwKqL9f9DemulqzoBa9DXJb1E8m3+H1H5e9F/
JH3kdkPsv9DMS13+MYE0qAK3o0caKCKYQ5uUEzaU2CKR6TzvvzGqQ==
-----END CERTIFICATE-----
```

Signature algorithm: *SHA256withRSA*

Issuer CN: *LuxTrust Global Qualified CA 3*

Issuer O: *LuxTrust S.A.*

Issuer C: *LU*

Subject T: *Professional Person*

Subject E: *michael.de-boer@ec.europa.eu*

Subject SERIAL NUMBER: *10303969450085046424*

Subject GIVEN NAME: *Michael Theodoor*

Subject SURNAME: *de Boer*

Subject CN: *Michael Theodoor de Boer*

Subject OU: *0949.383.342*

Subject O: *European Commission*

Subject L: BE

Subject C: NL

Valid from: Thu May 11 12:27:25 CEST 2017

Valid to: Mon May 11 12:27:25 CEST 2020

Public Key:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100AB61BBD20FD3B32B7C9E22353D76078089BA6BA0DA0C1D804D932C331912D5F9578E43CD31DFDE46A3F1B3F8816CA80EA20657F198834004968D15B15A90538C0AB137028D12747A53E146EB885C96C79895FC39C89F13CC0B34773EBCEEB37095CBB6212873BBD6DFEAE3EBB9678B09FD0814C57C37ADAS8A0F74E156DCEA9C63C79CAA2A28FB241D288CC80CD0830FD5210663245F0F880D747A0BAFC204BF054EA2A79334DC3A063993C1BC8B77A0BF02FE181ED77B2DA3854D897FCD1727D9FD7616A3B824C88D4792F17C1C916CC9942507BCB23B42D3F868EDC1B7056BAEB0B51EFCBB50206093FEESD7745F6A2AE3A23C34373A97E124884495A24FA70203010001

Basic Constraints IsCA: false

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

Certificate Policies
 Policy OID: 1.3.171.1.1.10.3.1
 CPS text: [LuxTrust Qualified Certificate on SSCD compliant with ETSI TS 101 456 QCP+ certificate policy. Key Generation by CSP. Sole Authorised Usage: Support of Qualified Electronic Signature.]
 CPS pointer: <https://repository.luxtrust.lu>
 Policy OID: 0.4.0.1456.1.1

QCStatements - crit. = false
 id_etsi_qcs_QcCompliance
 id_etsi_qcs_QcSSCD

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

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

Subject Key Identifier 40:F6:1A:7C:B8:9D:8F:D9

Key Usage: nonRepudiation

Thumbprint algorithm: SHA-256

Thumbprint: 59:A1:BF:29:0B:81:8B:17:7A:D6:1A:C4:B3:E6:DC:DD:D4:6D:A6:D5:BE:95:79:F8:56:4A:DE:A6:F2:CF:07:3E

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 21267647932558803542992831893320696944

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint: *54:00:AB:71:2C:41:AA:F0:C4:0B:50:5E:26:4D:54:94:D8:AF:41:80:F8:F6:29:55:D1:62:23:B3:29:0F:97:C3*

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 *2018-08-31T01:00:00Z*

Next Update

date Time *2019-02-28T00:00:00Z*

Distribution Points

URI *https://portail-qualite.public.lu/content/dam/qualite/fr/publications/confiance-numerique/liste-confiance-nationale/tsl-xml/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 *mailto:info@luxtrust.lu*

URI *mailto:info@luxtrust.lu*

URI *mailto:info@luxtrust.lu*

URI *https://www.luxtrust.lu/en*

URI *https://www.luxtrust.lu/fr*

URI *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-----
MIIDRCCAggAwIBAgICA+swoDOY/KoZlbcNAQEFBQAwODELMAgA1UEEBMCTFUsFjAUBgNVBAoT
DUxleRydXN0HMoYSAgtAXBgNVBAMTEiExeRydXN0Hhvb3Q0EwhhcnNDgwnjA1MDkyNT10
WhcNMjYxMDE0MDRwMjBMOswCOYDVQQGEwJVTEwWMBQGA1UEChMNTHV4VHJlc3Q0Uy5SbGlz
MhwGA1UEAxMNVHJlc3Q0Uy5SbGlzWVhkbGlzWVhkbGlzWVhkbGlzWVhkbGlzWVhkbGlzWVhkbGlz
CgKCAQEAybEXzA+8RNvGd+z8BhH6W03LmalJ4f9Ygd9VBYclwLmMx9KqAKF3u4B87Hec5NLAX
vbm/B9DuDUH5OGz3P2Dw7TpuVvEATvW8jzYqCZarLthz9hux+Kt4TT+dy6kgVgg9DBE+hz6
55zZzPPQY9kwr888BN78KAMl68s7ZDpIL37WHS447W09F1/LBRVcZf8Wg1bu/ur+kwE5
mTuLk+ne17+FS0QRbAD+C4WILfWazu=-T6Zz6tgg+vgg6kKwL6VZmwKKLpV3+3Wgy3q5
tpDsG4kXdlrOQKseDn8y7IDG3QDBgF1Yd7ac7zwDAQABoHUMHMA8GA1UdEwQIMAYB
ABCAQAwQgYDVRR0gBdswOTA3BggrSgBAQEBADACAGCC3GAOQ/FBwBFl/oadfRw08cmVub3Np
dE9yS3suaVnclVozf.csdTARBgkqhkiG9w0UAQOEBAMCAAcwDgYDVROPAQHBAQDAgFGRGGA1Ud
IwQYMBAFNZK1zDx-ZFv6Idw-DCXrkGN3wIMDEGA1UdIwQyMCgwIqAkoCKGIG0dHAGL9jcmwu
BfV4dHILc7qubHu+TFSR0REaY3sMBGGA1UdSwOBBSNKkMH3RtG5IMkgpN94zS8BTAH8kq
hkG9w0BAQEAQAQEAAsmpOngEXTfGqHBWMAwDBM4ZOHpPoc.mw320j1lqezO5nDnjGz5g2m
ip5fMpv/xmCjqt092PvYbcHNSUlpP1SjCkyn1066pmzPK0MhgVvPglAgA5dXc1NBDQ77cW
u6g5VKQEMLzqxTcsq4mulL9LZ8Y1JczMaWscLIZCB4kccKvqfH4+T0uocZuNXzbnVvT
z2M+OG8qOmksu8Gkscel+MgYWrskADKIDZMr4bOksmlccNqoraXTDugxM0H47Mikc7AuZzW
U6qQjCLBkxUcY73pY0jL1hr7S64cd12yurR+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
331FA800285DEE01F3B1DE7B934BE17BE19BF07D0E0041F93866773F60F07EBA6E85512F013BD6F23CD8AB40B36A852D8736FD8B1F8A4D14D3F9DE32EA1D920
560832F4305EF9BCFADE9A199B63CF413F6ACE8478F1104DEF7D0A03F30921AD126BB643A612F7ED61D2038FD35A1F45D7F2C1455182D05E0C835854FEFAA4A2F17
9993B942BE9DC53BF854B4710461003F82E167CB23F5AEC EE13E4FA66E67A22A83AFAFAA07FA88AC0BEA25599B02A424FBD5DFE DD6832DF3AB9B690EFB081A3E2
45DD06B89018AB047837CD32EF50C6DCE741A85D5877B99EEF38B0203010001

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 (deprecatatnationallevel): 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-----

```
MIDRDCCAigAwIBAgI=CA+sDOY/KoZlveNAQEFBQAwODELMAgA1UEEBMCFUuFjAUBgNVBAsT
DUx1eFkxN0h0MoYSAxGTAxBG9NBAMTEExtcfRydxN0hUvb3Q0eW0HhcnMDgwnNjA1MDkyNT10
WhcNMjYxMDE4MTA0MDMwMjBEMQswCQYDVQ0GwJMVTEWMB0GA1UEChMNTHV4VHViLjEzQ2UySjBl
MhwGA1UEAxMVTHV4VHViLjEzQ2UySjBlMhwGA1UEAxMVTHV4VHViLjEzQ2UySjBlMhwGA1UE
CgKCAQEAybXZA+sRNVj/cd+sZ8BhH6W03LmalJ419Ygd9VBYclw.mMx9KqAKF3u4B87Hcc5NLAX
vhuB9DuDUH5OGZ3P2DwtVvEATvW8jzYqCzArLhzb9ux-KTdT=4y6kgVggy9DBE-bz6
55zZzPPOY9kmoR8RBN70KA.MJl60s7ZDnlJ.37WHS44TWO9P1LBRVcZfMw1Bu-ur-koF5
mIuLk+ncU7+FS0QRBAD+C4WLLWazu=-T6ZuZ6lqg+vgf6kwl.6VZmwKKPvV3+3Wgy3q5
ipDvstGy4KxdlrQKSeDN8y71DG3OdBgfYd7ac7zwDAQABoHhMHRMA8GA1UdEwQIMAYB
AIBCAQAwQgYDVRR0BswOTA3BggrSBAQEBAQEADAAcMCCGCSGAOULBwBBI1odHfRw08ncmVw63Np
dG9ySsdX88enVzdcSsdIARBBglh2gBbvhCAQEEBAMCAAcwDgYDVROPAQHBAQDAgHGMBSGA1Ud
IwQYMBAFNZK1zDz+ZFx0tldwDCXlRkGN34wIMDEGA1UdFwQpMCGwIqAkoCKGIG0H0HA6L.y9cmwu
hFV4dHfLc50uHUvTFRS08aY33sMB0GA1UdSwOwBBSNMkMH3Rtd5IMkqN942S8kSTANhglq
hkgGw0BAQEAQEAAspxOpngXTeyGgHBWMAwDBMIZQHPhPycCmw32Uj1lqezOSnDnjG5gDmI
ip5IFMv/xmCkqyO92PyYbcHNSUpP1SjCkyn10e6pmzpxK0MhgVfPglAgASdXcTND0O77eW
u6GzSVKQemZqpxKtCxyfmalL9LZ8Y1JczMaWwE1TZCBkccKvYqfH4+T0uzczXTzrjpvYt
r2M+OG8iqOmKwBGkscsl+MgYWrskJADKZMr4bOskxnhzCSQoraX7DugxM0H47Mtc7AuZrW
U6qQCLBkxzcUgy7B3pYojLlThr7S64cd12yur+NjHAFZ2DTXwxkg/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: 30820122300D06092A864886F70D01010105000382010F003082010A0282010100C9B157CC0FBC44D9EF94277E B19F019C7E963B72E668B8B8D7D62077D54161C2302E6
331FA800285DEE01F3B1DE7B934BE17BE19BF07D0EE0D4F93866773F60F07EBA6EBS512F013BD6F23CD8ABAOB36A852D8736FD8B1F8A4D14D3F9DE32EA1D920
560832F4305EFA9BCFA0FA1948663CF413F64CE8478711040EF7D0A03F30921AD1268B643A612F7ED61D20F8D35A1F45D7F2C1455182D656063853834FE44A2F17
9993B942BE9DC53BF854B4710461003F82E167CB23F5ACEE13E4FA66E67A22A83AFAFAA07E8A8AC0BEA25599B0A2A424FBD5DFE0D6832DF3A89B690EFB081A3E2
45DD06B89018AB047837CD432EFA50C6DCE741A85D5877B99EEF38B0203010001

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 (recognisedatnationallevel): 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-----

```
MIIID6CCAikgAwIBAgICDswDOYIKoZihvcNAQELBQAwRDELMAkGA1UEBmMCTFUXFjAUBgNVBaoT
DUxleFRydXN0IHh0Yy5sSHHTAbBgNVBAMTTFExeFRydXN0IEdsb2h0CjBzS290MB4XDTEyMDgy
MDUxMDUxNDI1MDMwNzAsNTEzNTEwZjE1MAkGA1UEBmMCTFUXFjAUBgNVBaoTDTExeFRydXN0IHh0
QSA4KDAmBgNVBAMTTH0xleFRydXN0IEdsb2h0CjB1eW1l3R8bXBhbmeg0EwgEEMAU0GCCSjGSib3
DQEBAAQUAAIBDwAwggEKAoIBAQc2E7aetGoL4M3xRc4Sndp9+MceLg91VPeccB8sVH4SkMUT
IehWGT3HqLkKripjao6S0PehXWEjgm2atKRNSimM74pN8yB8s00QubmZpp1x5iDpwqTKJ1
iFV5YrH8H0OpX64gUEnO9hAo4cXW2wS8hShwDg0eNu4SRoXM+mgPqZetKYD6bEVfw0
PSLcJpCo8ZJL67+M09b6YJMcI6aH5u0XdlYayjvBmKYGSBRcl7YrKbS8rcutH8pmAIT
D8R481dYfWekYf6uq4V5ludSCR4E2WURQeyfF8kclJf0zaABH8oux88FyNAgMBAAAGjgdw
gdcwDwYDR0TBAgwBgEBwIBADBD8B8NVHSAEPDA6MDgGCuBKwEBAQcIMCwwkYfWYBBQUHAgEW
HnhdH8R088vcmVub3pndG9eSsdXh0cnVzdcSsdTALBgnVHQ8EBAMCAOYwHwYDR0jBBgwFAU
FwFf0kIubP085PKWeyNIE8wMeYDVR0BcswTAmcWw4fhaHRuCDwL2N9cSsdXh0cnVz
dC5s8MVEsSQ0EaY3jAMB0GAlUdDgQWBBIvYLGHT7yBoNjXV7CJZIGUGR08hZANBkqkqG9w0B
A08FAAOCAQEAwRloTracy0uMSS3+gbyT3leTHU10q0uyOm88q3MLjmWhwX06CjBwUfA06X4o
AEGS0A0FWVleYgZ2wSsdEzCas0Uimz9eS86sfVof+TtA68GOT9hEneC3KJlUu080ukWKT
jX5gNfPS9IIPWpBv4XPHMMH4cpy1dUj5QRT26xyrnGib1UExUdhp6S8+P2mmF4Up01NM
xwFaRyE3gKJOVhAutO8QrDUQ48+HimiVvzxAhZr5ux0auyNafsjc00xkMgRkqPrNZQ5LC
hbGZyRv06lg-JH4Ca0k88mmwVyzZnEgArVc4s8ajUdYVw=
```

-----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:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100BA084EED01E206A0B337C5173848DA5D6FDF8C79E8CBA0DD553DE72F07CB151E2E1240C51321E6D61B5DCT26A18B29C9FDA5A3BAE743DE8575866E09B66942913528A633BE29341858074B1AD2B42E8BC9E965BA75C798A50F0A424E4275883B55E5B62B1FC849D10A57EAEE1C9541263BD87E028F87975B6C12F214A1C0381CD1E36EFB8491A1733E9E03EBA997AD2980FA6C4543C343D22DF089A46C7CD8953AFBF8C974BC1E98FC931C53AC47E6EE97754C9ACA322F06629819205109E2FB62B24A9C1B3C842BAB1DFF299809530DD478F357589085A029863AC6AE15E48B834880917001F6594430723C858BF3A93124CBF3B806C7F28C6ECBC1C5C8D0203010001

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/recognisedatnationallevel>

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

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

1.4.1 - History instance n.1 - 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*

1.4.2 - History instance n.2 - 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*

1.4.3 - History instance n.3 - 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*

1.4.4 - History instance n.4 - 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+8gaDI11ewiWRIBkdPlc=

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

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

1.5 - Service (granted): 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-----
MHDTCcAqCgAwBAGlCEsMwDOYIKsZlhwNAQELBQAwRDELMAkGA1UEBmCTFUFjAUBgNVBaoT
DUxleFRydXN0HMoYStAHTAbBqNVBAMTFExleFRydXN0IEs2JHhCBSh290MBAXDT0MDUyODEz
MDkxOFoXDTIwMDUyODEzMDkxOFowTjELMAkGA1UEBmCTFUFjAUBgNVBaoTDUxleFRydXN0IFMu
QSc4ABgNVBAMTHk1leFRydXN0IEs2JHhCBSh290MBAXDT0MDUyODEzMDkxOFoXDTIwMDUyODEz
AOEBBQADAgEPADCCAgQcCgBAMRaetHhQXl0cMdlVaB3SPIDTeneHfMgenp4W5uK4GmfPETER3M
s9C6cA9H63AzJpPkgjVWpREZ4oR29Y2Ys1S0kyW9ONFKwyDHm2UfomyLnx9hVNDDKA4DMNZ
aDfUk3fKaIae1u5ALLlll--e4fev1B4XZjP0vysmmQ620q0WgscRVE9191jHLaofZosp+w
y2qWzhz7o81Y8S2e+cdgen2jphlae8PRLfEnMLREcuR0f3FDax2ussSb1dQImYELR6l
7VgK+LkNXYy--vasX0qWcJZ7oMea6mM4WkJEKwSkR0efVVR8j6vA//lDY7UscAwEAAaOBjCB
1zAPBqNVHRMCEDAcAOHAgAEMGA1UjIA08MDowOAYIK4EzAQERc2Nw1DaaBqgrBjEFPQcCARYc
aHR0cHM6Ly9uZXBvc2003fS1mx1eHRydXN0Lmx1eHRydXN0Lmx1eHRydXN0Lmx1eHRydXN0
FYWJCSkh28fHRvkgZ50g1zjyBqNVHR8EKzApMcEJaAjbFodHRwO8vY3JlLmx1eHRydXN0
Lmx1eHRydXN0Lmx1eHRydXN0Lmx1eHRydXN0Lmx1eHRydXN0Lmx1eHRydXN0Lmx1eHRydXN0
CwUAA4BAQCBlOXFYTOm853+Oq49NENBF1cqbhYLycw8gsbbes8OPARLam+PAKYKfvy77
R78EYps5R9ASqf5IEgFADE022+lg5GNpOVIoit-WC4k198kyOvypqZZApEE61Vxadqhw
sdlRTE+9mlat1e4GNG1ab+y86kUj9NawWbtrvecc2j9YQPGi9WU1j5z0Q+9VdHwPXF
umbHag4p8aBh5XYEDFpgNdlfbNgaSULKHNsdCZj5bZVxx8W1qC0BQ1UD1e2kol.Qy9G1SU
EraqHx1BbVGA-eSbzZ7fpy1Va3K0z7ousMSSOB7YU7e0Hq
-----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:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100C45A7ADD07A8E5E5D1C31DB55B81DD2B4F9434DE9DE1CC81E9E9E16FF9BB81A2985113111DCCB23F4E8978083D1FA0C9CFF3893DD1A3556A51119E20A11DBD63662CD52D24C96F4E3452B0C831E6DAD53A9F74E7C7D8533430E40380CC359B9FD04228DC9EF169369ED6E402E5221FA0E1A3DE898B41E1766524F1AFCB79A643AD36D23A905A07824550A5F75A751CBBBA0F67AC69FB0CB6A96CE1CE7EE3A3CD58F12DA0F9C0FA9E9F68E984869EF0F44B448EE30B44472EFD1B74DCE0DFC718B6BAC9D26F576340899810BFD1E88ED580AF9490D5D8CBE8DAB173AA59C959EE831E03A88CB785A48C4296B0A7FAD1E165536F09EBA9C0FF21D63B214B0203010001

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/granted>

Service status description [en] undefined.

[fr] undefined.

[de] undefined.

Status Starting Time

2016-06-30T22:00:00Z

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: undersupervision

| | | |
|--|---|--|
| Service Type Identifier | <i>http://uri.etsi.org/TrstSvc/Svctype/CA/QC</i> | |
| Service Name | | |
| Name | <i>[en]</i> | <i>LuxTrust Global Qualified Certification Authority 2</i> |
| <u>Service digital identities</u> | | |
| X509SubjectName | | |
| Subject CN: | <i>LuxTrust Global Qualified CA 2</i> | |
| Subject O: | <i>LuxTrust S.A.</i> | |
| Subject C: | <i>LU</i> | |
| X509SKI | | |
| X509 SK I | <i>75a/fWU6VbTScPgM7Eri8ycGmII=</i> | |
| Service Status | <i>http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision</i> | |
| Status Starting Time | <i>2014-11-19T00:00:00Z</i> | |

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

| | | |
|--|---|---|
| Service Type Identifier | <i>http://uri.etsi.org/TrstSvc/Svctype/CA/QC</i> | |
| Service type description | <i>[en]</i> | <i>A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.</i> |
| | <i>[fr]</i> | <i>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.</i> |
| | <i>[de]</i> | <i>Ein Zertifikat Generation Service Erstellung und Unterzeichnung qualifizierter Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.</i> |
| Service Name | | |
| Name | <i>[en]</i> | <i>LuxTrust Global Qualified Certification Authority 3</i> |
| <u>Service digital identities</u> | | |
| Certificate fields details | | |
| Version: | <i>3</i> | |
| Serial Number: | <i>372465138737086689258246113329755871041849896622</i> | |

X509 Certificate

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

MIIIGjCCBggAwIBAgIUOT3GiiCITbFVY4E6Aqj1ubrq4wDOYJKozZhvcNAOELBOAwRjELMAK...
MIIGjCCBggAwIBAgIUOT3GiiCITbFVY4E6Aqj1ubrq4wDOYJKozZhvcNAOELBOAwRjELMAK...
-----END CERTIFICATE-----

Signature algorithm:

SHA256withRSA

Issuer CN:

LuxTrust Global Root 2

Issuer O:

LuxTrust S.A.

Issuer C:

LU

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-00-80-82-02-0A-02-82-02-01-00-B9-9E-62-5D-29-85-6C-FF-34-81-66-F4-92-27-98-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-18-72-B8-37-27-BE-90-F8-88-36-3A-5F-00-79-8B-7E-DD-64-DE-5E-19-1A-E4-FE-DE-E1-24-DA-2B-2B-8E-31-CE-A7-D6-64-A2-CD-1B-2B-04-1C-8A-E2-75-D7-1E-3D-63-A4-DC-9F-D5-31-CF-A2-B1-27-A6-79-96-E6-79-95-B5-F5-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-09-30-CA-FC-A6-1B-A4-32-A1-0A-09-6E-E1-0F-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-F4-6A-B7-8B-66-C9-FD-B8-20-E2-86-65-C6-C8-2E-66-F6-3B-1E-19-8D-8A-02-79-55-F2-EB-0B-8C-11-40-89-6E-4E-0A-7C-DC-3A-0F-2E-3E-56-72-84-61-4B-AB-AF-5D-CB-BB-56-D1-D1-1A-8E-72-2F-2B-09-56-FE-4C-8E-A7-31-E6-53-2F-40-A0-0C-2E-F8-95-8B-79-29-85-92-98-7E-A5-4B-01-51-49-A5-74-E9-BA-76-36-19-AC-95-19-FF-EE-3A-9C-CD-A2-24-91-A5-CC-71-62-39-80-94-F2-8D-79-38-17-56-3E-4C-73-4C-E8-8E-04-FE-31-94-C6-1-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-A5-47-02-43-AF-83-D5-6C-A6-2A-1C-E9-D2-6A-D7-5A-A1-73-61-17-1E-EC-SA-C4-93-AF-49-5B-35-95-A7-F7-7F-18-A9-7E-0F-04-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-10-7F-38-82-E5-6C-D0-BA-3F-77-05-53-3B-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://troot.ocsp.luxtrust.lu
http://ca.luxtrust.lu/LTGRCA2.crl

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: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.

Qualifier *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCQSCDManagedOnBehalf*

Qualifier *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCForESig*

Criteria list assert=all

Policy Identifier nodes:

Identifier *1.3.171.1.1.10.3.32*

1.6.4 - Extension (critical): Qualifiers [QCQSCDManagedOnBehalf, QCForESeal]

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

Qualifier *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCQSCDManagedOnBehalf*

Qualifier *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCForESeal*

Criteria list assert=all

Policy Identifier nodes:

Identifier *1.3.171.1.1.10.3.33*

1.6.5 - Extension (critical): Qualifiers [NotQualified]

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

Qualifier *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/NotQualified*

Criteria list assert=all

Policy Identifier nodes:

Identifier *1.3.171.1.1.10.3.21*

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-Stempeln 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-----
MIDGdCCAfKCAwIBAgECCDswDOYKcoZlIwEQAELBQAwrRDELMAGAIUEBHMCTFUsFjAUBgNVBAAoTDUxleFRydXN0IHMoYSAAHTAbBqNVBAMITExleFRydXN0IEs2JhhCBS8290MBA4XDTyEMDgyODEzMDQwNiA0TDIxdMDMxNzA5NTIezNlowTzELMAGAIUEBHMCTFUsFjAUBgNVBAAoTDUxleFRydXN0IFMuONsAKDAmBqNVBAMITHo1eFRydXN0IEs2JhhCBlw7IeSRhX3hpmnmg0UwvaqEIA0CCSnzCh3DQOBAQUAAB1DwAwageEKAAQBAQC6Z7EaEGoL33Rc4SNpd9+MecjLg91VfFcvB8yVH4SKMUTIebWG13HqGLKcn9pat0650PebXWEhgm2aUKRNSimM74pNBhYB0sa0rQuisnpZbplx5idwq1KLI FIV5BYrHhJ0qjXm6eLUEm09bAa4eXWzwoS8lShwZgoteN+4SRkXMM+mgPrzZeKjYD0E1Vrs0PSLrLpGx8ZUJ67-M0yB6YJMcL6xH5u6XdIyayjvBmkYGSBRcl7VrJKBS8KutH8pmAITDdR481dYK1WgKYY6xqV5tadSICrcAHZUWRQcyFs6kxJMVzuABH8oxuy8HFYNAgMBAAGjgdomw adswDeYDRUFBgVgEBwIBADBBqNVISAEPADMDgCCUBKwEBAQIMCwwKcTksYBBOUHAgEW HhbAHBcO8vcvVw83NpdG9ycs5s4X00cnVzdcSsdTALBqNVHQEBAWCAQYwHwYDVJR0BqBBwFoAUFwF0kvJdyPso5SPKWYNIe84wMgYDVR0BcsWkTAnocWg4YbahR0cDowl2NybC5sdXhlcncVz4C5sd89MVEG9Qe2T5AMBRGA1UldDQWBBT1yLGH17yShoXY7CZZGLGR08szAABgkuk0c9w0BAQsFAAOCAQEAWRl0Tracy0uMss3+9yT3lffTU10q0uyOm8k3MljmWhwX06CjBwGFA06X4oAEGS0A0TWVHgYcZwScMzCAsDUmlz9EgS6bFVof=FTA68BGO99BEndC3K1JUn0R0ukWKTJXsgsFP590PWPpbv+XPfMMH4qy1dJp5ORF26xcv0GbuLU3uajjps8S+P2mmKfUj01NMswFARyE3gSKjOVJBArO8QdUQH48+HimlMVzAVhZcsuaxonyNafgsjc00xMgRkqPNZQ5LChhGZyxO6hg+JH4CaOkB8mwvVyzJNzEgArreC4sBajUdVw==
-----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: 30820122300D06092A864886F70D01010105000382010F003082019A0282010100BA084EED01E206A0B337C5173848DA5D6DF8C79E8CBAABDD553DE72F07CB151E2E1290C51321E6D61B5DC726A18B29C9FDAA53BAE743DE8575846E09B66942913528A633BE29341858074B1A1D2B42E8BC9E965BA75C798A50F0A0A24E4275885B55E5B63B1F0C89D10A57EAE1C9541263BDB7028F8F7975B6C12B21441C0381CD1E36E88491A1753E9403EBA997A1D2980FA64545C34D22DF089A46C7CD8953AFB8C974BC1E98FC931C33AC47E6EE97754C9ACA322F06629819205109E2FB62B2AB1DFF299809530DD478F357589085A029863ACA6AE15E48B834880917001F6594450723C858BFB3A93124C8F3B806C7E28C6ECC31C5C8D0203010001

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+8gaDI11ewiWRIBkdPIc=*

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 O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *9b8ixh3+8gaDI11ewiWRIBkdPIc=*

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

Public Key:
 30820222300D06092A864886F70D01010105000382020F003082020A0282020100B99E625D29856CFF348166F4922798B0899CC88A3741883E5C0DCD9701FA42D2343E06441B0752A3CA4CED5308CC4E75ABCB60279D079C7F587E5BDF86410ABC05B636E357EA18BF8872B83727BE901F88363A5F00798B7E0DC64FDE5E99A547E7E124DA2B2B8E31CEA7D664A2CD1B2B041C8A4278D71E3D63A4DC9FD531CF42B127A67996E67995B5FF15DEAA894C4B2480D9DFE03815098B0A20AF9BDECD10F22A976D0950CAFCAC61B4432A10A096E10FDB789AC1131628D5A4FAC8FF3A43CD0100ED804115760833CE74B48CD380B90A378B94B62E5E096395EAFD6CA464F705BC9E46A87B866C9FD8820E28465C82E66F63B1E198D4A427955F2EB0B8C1140896E9E9A7C9C3A0F823E356E7284614B4B4F5D3B8B56D1D1A8E722F2B0956FEEC8FA731E6332F40A00C2E7F8958B79298592987E54B015149A574E9BA763619AC9519FFEE3A9CCD422491A5CC7162398094428793817363E4C754CE88E04FF3194C614DEE8BF89F4D72A1D37A3A17D300369CBDA29F8F60B60B074226F32ABE552E08AAE8FB976DD66B519B70595EB8211A1B90986D138ABED55422345998D58F21ECDAB454702434F83D5C462A1C19D26AD735A17361171EFC5A493AF495B3595A7FF7F18A9E76F4FF71A99A8C4688E15EB8315C58022AF900BFEE3ED0920EA113CF535E1A8F1982E9D107F3882E56CD0BA3F77055333B0203010001

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: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 | <i>[en]</i> | <i>undefined.</i> |
| | <i>[fr]</i> | <i>undefined.</i> |
| | <i>[de]</i> | <i>undefined.</i> |

Status Starting Time *2017-02-17T00:00:00Z*

1.9 - Service (granted): LuxTrust SSL Certification Authority 5

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

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
 CZdFjhOsalxvH0FM9F7FwQzGbxk=

Service Status

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

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

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

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

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

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 *mailto:confiance-numerique@ilnas.etat.lu*

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

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

URI *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-----
MIIDjCCAsqAwIBAgIQAPwWc6t6SIYDODOUWmtr0DANBgkqhkiG9w0BAQUFAwIBDQAwCOYDVOQGG
EwMVTEZMBEGAUECHMQU2VNYXZlZXQ0EgUySBLjEzMBEGAUEAMQU2VNYXZlZXQ0EgUySBLjEz
dAeFw0wODAM3MjMxMDAwMzNwNDA3MjMwOTUzMDhaMEMKCAIABgNVBAYTAkxVMRkwFwYDVQQK
ExBTZU1hcm9udC9BOSBTLAEAMRkwFwYDVQODExBTZU1hcm9udC9BOSBTLAEAMRkwFwYDVQ
9w0BAQFIAAOCACQAMIBBgkCAQEAISPRP9UcxVAfWZSChkAs9ZZVidNaymWbnLz96BlYc
9maDIEQMGMVtu1ByWxeDDry4HmNngmnyFVygfekwwYF3h0AkPwYGo2ibBWJsrRWgA2lg7
Y4BTTCFmCk9d6N0mihHsZZXl6t9eNBRz2r0HhM60D06400DHLswRCozrzsX0c5SZ
HRekYhdYbQZIEsncXK75atqsl1CchsqI07VezudJh8gFAizLDL1u0B3d+LCPge2I57NM
kBWkHw-HsNq5BRwS0wZlTHGyQHYKBad6gkqP=aYgbsOx10umzMLywwYDQIDAQABo0hw
QDAPBgNVHRMBAREBTADAQHMAAGAUjdlwEbwOEawibBBadjBqNVH04EFPcUc78dytwq6SpDeQJ
Zzpg48Mk0AwDOYKozZlhcNAQEFBQADggEBAHaf6z7PR3cVpW8i7QPQ6N9Qc13GLwBRAlHJ
athUJIECSY4uxamKmrYKukKEaWgVC0uVrvPwzytjwclqI8zROk6ziD4inika18nySp9Se
s8hs55Sm9QualvM+dzKA Vme--z8t8mkaX0jkoOSVincV2W0c6u079p6BfHbrps4AJCD
HLDcQmpkOmV7GzSsA38uNkr-gPGzld4YoL MmcAUUDfGAWKb4WdqhbS0d1Y0L SmbMjDtu+
JURs0wzz1gV07RK0hBwqAolppb0mFwr5kg1QqM3DajRjG0PBmSaNHXBzMcEcX0taD5r6+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
61CF66C480C8110F8C18C55FB856D8B96CS E0C3AF2E0798D26A1A0C85572B E011E930C1817784E0243FEC181A8D A55B805626C6B456800D8B83B61D049ED30856A
DFC695D91D80D3A7B811F0DD95C839FA BC7A33414640907CE1DE20CA7A D03D3A E1BD1F0C72F9C1108E833B715F4882A12B591D180A6210F27DB42565F1129955E4
1B BB1F6ADBAA22CD46CS B7F1A8843B56065E C5D0ED261F201408992C352D A01D DD F8B08F81CD88E7B34C9015AB187A3E1F136AE4147049639FC1921C4C71B24076
0A05D7F1EA6E4E16A3FEFDA6206F13B1D74B A7CC C2F2CB07D80D0203010001

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.

Qualifier *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCWithQSCD*

Criteria list assert=all

Policy Identifier nodes:

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 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 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);*

[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);*

Qualifier <http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCWithSSCD>**Criteria list assert=all****Policy Identifier nodes:****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] *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);*

[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 (SSEE)-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);*

Qualifier *http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/QCWithSSCD*

Criteria list assert=all

Policy Identifier nodes:

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 - Signature node - Id: id-d86780a570fd5ba592e6ab87db14518b

Signing Time 2018-08-31T08:56:01Z

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 1857049

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIHADCCBOGAwIBAgIDHFFYZMA0GCsGSIb3DQEBCwUAMEkCAJBNVBAITAKxVMRYwFAyDVOQK
DAIMAXLcnVnd3YTLkEMsSwFOYDVOQDDBSmXtlcnVnd3YTLkEMsSwFOYDVOQKDAIMAXLcnVnd3Y
H8xMTcwMTZzMTEzMTAsMjQwMzYxMzYxMTEzMTAsMjQwMzYxMzYxMTEzMTAsMjQwMzYxMzYxMTE
AKxVMQ4wDAYDVQQKEwVJTESBUEzMTBEGAIUECCKMTFluMjkiOTQzMzEhMB8GA1UECzMRYGlnaXRb
bCBrbnVnd3YTLkEMsSwFOYDVOQDDBSmXtlcnVnd3YTLkEMsSwFOYDVOQKDAIMAXLcnVnd3Y
DAYDVQQEwVVB8GFpbjEdMB8GA1UEBRMUMTEzMDU4ODc3NTAwZmZlNzAxMjEzZmEwMjY1MjY1
QOEWGGFyYWhuLndhaGxhAaWauYXMuzXRhCsdTEcMB0GA1UEDEBMTUhhZmVnd3YTLkEMsSwFO
bCBrbnVnd3YTLkEMsSwFOYDVOQDDBSmXtlcnVnd3YTLkEMsSwFOYDVOQKDAIMAXLcnVnd3Y
TlczPHHWcncRkpcAFlpNS56hLZVWccQ9EdKNEMZRujlTCljsklGeohEXMLcXCF1T
9tqWZZDmV7BXYbHwycEn-DPJQ8DKjfcDWmm0MsfXJ/FrkYWEV8AmTRP-GDnODzCQg45
Q8SOpms0wW9m2kAvoyVes6vV7m7sbJTLu6m7hmlmasyplusTulc3es9lgnCQmgH
gJv6MNSR,DwdS7OKBjHzKUCvqDSKsqYUnONmXicTYLYu09GFUYbVsW-NnB+W5l8clmL
CpVH8CAwEAAOCALYwggGyMAwGA1UdEwEBwOCMAAwgZyKwYBBQUHAQEEdWBYMCCGCsGAQUF
BzABhhndHRw08wWnlm9c3AubHV4dHlzc0qdHlcnVnd3YTLkEMsSwFOYDVOQDDBSmXtlcnVnd3Y
dXBhcnVnd3YTLkEMsSwFOYDVOQDDBSmXtlcnVnd3YTLkEMsSwFOYDVOQKDAIMAXLcnVnd3Y
gccCCsGAQUFBwIKMIG6G0GTHV4VHJlc3QgUXVhbGlnaWVlEnNenRpzmjYXRURjFNTQ00G
Y29yeS0hHscGegVRISSEUyAcMDa2NDzFzFDjCscY2VvGlnaWVnd3YTLkEMsSwFOYDVOQK
ZkgrZvZkXhdGhvb3BzBDU1AulFNv6GUG0VUsG9aXNlZCVCZmZzFzFzFzFzFzFzFzFzFzFz
dWfswZpZWQgRwVtY3Ryb2pYyB7aWduYXRlcm1uMCCGCGCAsGAUFBwIBFh5odHRwczwzLjleG9z
aXRvcm1u4dHlzc0qdHlcnVnd3YTLkEMsSwFOYDVOQDDBSmXtlcnVnd3YTLkEMsSwFOYDVOQK
BACCORgEEMAsGA1UdDwQEAwIGQDABGvNHSMEGDAwBRij8KLA7GrjBTR5Ydmb99oydtAzBqNV
HRELDaQMcglgAkhJodHRw08wY3IsLmx1cHRydXN0Lm1uLm1uLm1uLm1uLm1uLm1uLm1uLm1uL
BAlmWwScMPjLANEgkqkG90hBAFAOAAcAEAnnuuLLZDwOpKcnvISSREIh9gmF4duUBil
z9L4RNPTN9waxxruG7EFALpDlWuSizU6dLLVFE3BJGZXfzwZpZgTIkmADHmjjP6p4Nf
gHQcal-AKtTbQRKZNwPVWmkKruhtZDYeImynG6Z-hilLsqvKALn6PuK7TJckapl6ucpz9
w5VIRk9c0C9NNw62CUEYAYVYMPKaRKRdAuXSmkQ7qKcKPSua9OK9Zcs0mITnkWXv
yaPWVKHlKEFryhbH4mWutGIsutRQddzdzowB0E7x1oeyYwWcRP2CGmxkk8gdDuT
Mhik1e7PvJg55vOP9F4H5Tcl.5vll.HI78Y4Bb2WASfddKhrs8n1OThnbZgsDzXcsP8oi
G5ydl9mImRz9bhmPWPaFvJyWnoS82k4DKGDYU4P7XsC9a8mZeskl1g.Xis79hSd
K8YB-mKQclF=X6PINpAAIjImlqcdXvoEZTdlpYi8ZW7DaK0cB66VZlBjbsc-YQoNGyhu75
608AB8YQyrK0UwL1Y2b9AS0Kc06gMT0vZWXjVao+D0sRQo+Z2RvmXaG7SEq220LzERB9W
W3bb4X4NzuVzBmE-inYyJd6Kw9Ssl.sg-AB9nfM=
-----END CERTIFICATE-----
```

Signature algorithm: SHA256withRSA

Issuer CN: LuxTrust Global Qualified CA 3

Issuer O: LuxTrust S.A.

Issuer C: LU

Subject T: Professional Person

Subject E: alain.wahl@ilnas.etat.lu

Subject SERIAL NUMBER: 11105887750031570127

Subject GIVEN NAME: Alain

Subject SURNAME: Wahl

Subject CN: Alain Wahl

Subject OU: Digital trust department

Subject OU: LU22959463

Subject O: ILNAS

Subject L: LU

Subject C: LU

Valid from: Fri Jan 13 11:12:48 CET 2017

Valid to: Mon Jan 13 11:12:48 CET 2020

Public Key:
3082 01 22 30 0D 06 09 2A 86 48 86 F7 0D 01 01 01 05 00 03 82 01 0F 00 30 82 01 0A 02 82 01 01 00 BC 55 38 52 CB 87 C6 87 19 F1 62 FE 8A 6F C6 BA 82 26 58 EC 95 0E 62 95 38 82 AC F2 07 5A F7 A7 C5 15 E9
78 01 6E A5 23 79 EA 12 31 04 B6 6F 59 E7 9E 42 CF 44 74 A3 44 31 7C D1 BA 58 D3 0B FA E3 E5 A9 1D 19 EA 21 7F 35 CC 21 C5 E2 17 5E D3 F7 8A 3D 59 F6 43 99 5E C1 5D 88 47 C3 27 04 9F E0 CF 25 0B B
C 0C AA E3 15 C0 D6 C2 6D 0C B0 57 71 D7 F1 6B AE 46 16 11 58 BC 01 59 93 7D 13 FE 18 39 CE 0F 67 90 1A AB 79 42 CD 12 FD 08 E8 B0 C4 30 SB D6 A8 D9 10 32 BB 2A 95 21 E8 BF EA BE 15 EE 6F BC 6C
92 13 53 A9 D3 6F 27 66 68 96 AC 8F AB AC 4D FB 94 A3 7D 5E F3 D8 25 9D F0 83 9E 02 2B 8C 65 5B D0 C3 52 85 1F C3 C1 D4 9F EC E2 81 8F 58 D9 29 47 15 A8 34 8A DE A6 14 9C E3 63 99 7B 5C 61 36 0B
62 EA 3D 18 55 18 6E 55 6C F1 6F 8D 9C 1F 96 E4 BF 1E 22 66 8B 08 8A B1 D4 7F 02 03 01 00 01

Basic Constraints IsCA: false

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

Certificate Policies
Policy OID: 1.3.171.1.1.10.3.1
CPS text: [LuxTrust Qualified Certificate on SSCD compliant with ETSI TS 101 456 QCP+ certificate policy. Key Generation by CSP. Sole Authorised Usage: Support of Qualified Electronic Signature.]
CPS pointer: <https://repository.luxtrust.lu>
Policy OID: 0.4.0.1456.1.1

QCStatements - crit. = false
id_etsi_qcs_QcCompliance
id_etsi_qcs_QcSSCD

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

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

Subject Key Identifier 4C:5A:E4:9C:7C:C3:F3:2E

Key Usage: nonRepudiation

Thumbprint algorithm: SHA-256

Thumbprint: D9:B4:E5:FD:67:F0:66:7E:96:34:A2:9F:E3:6E:54:16:2B:97:DF:C7:56:4F:5D:8B:8D:57:6D:BE:02:13:67:EC