



## LUXEMBOURG (LUXEMBOURG) : Trusted List

Tsl Id: TrustServiceStatusList-1

Valid until nextUpdate value: 2021-05-01T23:00:00Z

TSL signed on: 2020-11-02T09:30:03Z

## 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>40</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>

Country Name	[ de ]	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	[ fr ]	https://portail-qualite.public.lu/fr/index.html
URI	[ en ]	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/tools/lotl/eu-lotl.xml>EU TSL digital identities**TSL Scheme Operator certificate fields details**

Version:

3

Serial Number:

1743254

X509 Certificate

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

```

MIIBATCCB0mgAwIBAgIDGpmWMA0GCSqGSIb3DQEBCwUAMEAxCzAJBgNVBAYTAkxVMRYwFAYDVQQK
DA1IMdXBlcnVzdCBTLkEuMScwJQYDVQDDb5MdxblcnVzdCBHbG9yYWwglUxVbGltZWVkJENBIDMw
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UXN0bGltZWVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVudGVud
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BgQAkYBBIDALBgNVHQREBAMCBkAwHwYDVz0jBggr0f0AU1Y4CwOaq7YUueWHLZmotusqHUmWwYD
YR0BcwwK4AocAg2YUaIR0CDvL2NyhcSsdX0kVudC3Sds8WVEdR0QELmNy8dARBgV1Q4E
CgQIR80xCQXgziwDQYJKoZIhvcNAQELBQADggIBACWh5+X16s0uxE8bpakXf02BoWYphvg5XAXR
Mc7QD8S7CatHw8Lycep0L2EZ3kc1mpqgZULdLzZGhveSVeyhlg0e8Hjy9rvkKcc+RgIM
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```

-----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:

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

<b>Subject L:</b>	BE
<b>Subject C:</b>	BE
<b>Valid from:</b>	Thu Sep 15 11:00:12 CEST 2016
<b>Valid to:</b>	Sun Sep 15 11:00:12 CEST 2019
<b>Public Key:</b>	<pre> 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: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:C1:C8:3A:CF:CE:1E:F7: 1F:63:E8:21:05:7C:33:F7:51:1F:7C:D5:E4:BB:64:4A:AB:08:30:DF:E7:72:44:12:35:78:EA:B6:97:BA:F4:CF:D7:60:35:DE:34:CC:1E:DA:FE:9F: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:D5:6: 4:82:9B:F3:8A:60:93:06:F8:CE:26:85:83:A5:19:7A:63:1F:46:D9:7B:4B:4F: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 </pre>
<b>Basic Constraints</b>	IsCA: false
<b>Authority Info Access</b>	<a href="http://qca.ocsp.luxtrust.lu">http://qca.ocsp.luxtrust.lu</a> <a href="http://ca.luxtrust.lu/LTGQCA3.crt">http://ca.luxtrust.lu/LTGQCA3.crt</a>
<b>Certificate Policies</b>	<p>Policy OID: 1.3.171.1.1.10.3.1</p> <p>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.]</p> <p>CPS pointer: <a href="https://repository.luxtrust.lu">https://repository.luxtrust.lu</a></p> <p>Policy OID: 0.4.0.1456.1.1</p>
<b>QCStatements - crit. = false</b>	<p>id_etsi_qcs_QcCompliance</p> <p>id_etsi_qcs_QcSSCD</p>
<b>Authority Key Identifier</b>	63:8F:C2:8B:03:B1:AB:8E:D8:53:47:96:1D:99:A8:7D:F6:AC:A8:75
<b>CRL Distribution Points</b>	<a href="http://crl.luxtrust.lu/LTGQCA3.crl">http://crl.luxtrust.lu/LTGQCA3.crl</a>
<b>Subject Key Identifier</b>	47:C3:B1:09:01:B1:82:2B
<b>Key Usage:</b>	nonRepudiation
<b>Thumbprint algorithm:</b>	SHA-256
<b>Thumbprint:</b>	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

<b>Version:</b>	3
<b>Serial Number:</b>	1974568

**X509 Certificate**

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

```

MIHHDCCBPgAwIBAgIDHiEaMA0GCSqGSIb3DQEBCwUAMEAxCzAJBgNVBAYTAKxVMRYwFAYDVQQL
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JHkxMTcwNTExMTA5NzI1WicNMAwNTExMTA5NzI1WjCCAQkKCAAJBgNVBAYTALSMQ0wCQYDVQQH
IwEKRCTESMBGCAIUEECMTKRYVYw5BIBW4gQ90bW4e2bVbYVMBMGA1UEECsMMMDkR0OS46ODMuMdeGy
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BgNVBKCwTEElpY2hhZWwgcV9ibhZvbn53b3R1TAdhbnQVBAU1TDEwMzAaOTYSNDQwMDg1MDk2ND80MSw
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E34o6SddipT4LlhbVYwXsIVDlhwPMcz3Pezuc3VY7YkH09JugPnwLCLCT3YFMVSN02lg90
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MLKHce09rM4ezXP08Vsh6dszddGL29vrbBZ77bp3cSBHJlnt6NlF5+sL9Xu+GvTSXaSSh3L
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```

-----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:**

```

30820122300D06092A8686F70D01010105000382010F003082010A0282010100AB61BB.D2.0F.D3:B3:2B:7C:9F:22:35:3D:76:07:80:89:BA:6B:A0:DA:C0:1D:80:4D:93:2C:33:19:12:D5:F9:57:8E:
43:CD:31:DF:DE:D4:6A:3F:1B:5F:88:16:CA:80:EA:20:65:7F:19:85:84:00:49:6B:D1:5B:15:A9:65:38:C0:6B:13:70:28:D1:27:47:A5:3E:14:6E:B8:55:C9:6C:79:89:5F:C3:8C:89:F1:3C:C0:B3:C7:73:EB:CE:EB:37:09:3C:BB:6
2:12:87:3B:D2:4D:FE:A3:EB:89:67:8B:09:FD:D8:14:C5:7C:74:D7:A5:8A:06:74:E1:56:DC:E4:9C:63:C7:9C:AA:2A:28:FB:B2:41:D2:88:CC:80:CD:D8:50:FD:52:10:66:32:45:F0:F8:0D:47:40:BA:FC:20:4B:F0:54:E4:2
A:79:33:4D:C3:A0:63:99:3C:1B:C8:B7:7A:BF:02:FE:18:1E:D7:7B:2D:A3:85:4D:89:7F:CD:17:27:D9:FD:76:16:A3:B8:24:C8:8D:47:92:F1:7C:1C:91:6C:C9:94:25:07:BC:B2:3B:42:D3:F8:68:ED:C1:B7:05:6B:AE:B0:B5:1E:
FC:BB:50:60:93:FE:E5:D7:74:5F:6A:2A:E3:A2:3C:34:37:3A:97:E1:24:88:44:95:A2:4F:A7:02:03:01:00:01

```

**Basic Constraints**

IsCA: false

**Authority Info Access**

http://qca.ocsp.luxtrust.lu

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

### TSL Scheme Operator certificate fields details

[illegible]LUXEMBOURG (LUXEMBOURG) - Trusted List ID: TrustServiceStatusList-1 Page 7

**Issuer C:** *ES*

**Subject CN:** *BURGOS PALOMAR, OSCAR (FIRMA)*

**Subject GIVEN NAME:** *OSCAR*

**Subject SURNAME:** *BURGOS*

**Subject SERIAL NUMBER:** *38144654M*

**Subject C:** *ES*

**Valid from:** *Mon Aug 27 12:37:27 CEST 2018*

**Valid to:** *Thu Aug 27 12:37:27 CEST 2020*

**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:BC:3A:D0:F9:D8:CD:12:A2:55:0F:60:F1:71:D6:A7:1E:CC:AF:1E:84:4F:DF:50:DB:F5:C1:52:05:34:57:89:FD:1C:39:9E:F4:F4:CD:D5:55:5E:D1:C9:87:CD:3B:DA:77:C8:96:02:2C:28:CF:73:BB:EE:D3:05:D7:B7:75:3D:8B:C9:A0:C4:AA:2A:13:98:CA:BB:F1:1E:20:C5:78:05:E7:B0:2A:F8:9E:81:0D:41:0A:62:09:B4:FC:D2:93:C8:5B:BA:97:F7:12:DD:24:BF:A1:A4:FD:92:19:6D:B1:93:B0:91:27:EC:30:CB:D7:B0:87:24:89:56:04:3C:B4:7D:ED:12:88:AD:DC:7E:DE:5D:76:1C:8A:03:79:6D:4C:CD:52:11:64:63:52:74:3F:56:BA:4B:25:D7:F5:3F:2A:0D:52:AD:D5:98:8E:2D:DD:F8:86:B5:18:6D:02:18:A3:40:06:66:E3:94:DA:9B:D0:A8:93:ED:46:BF:AD:AD:B9:09:7B:AD:40:20:CD:CE:3F:B9:9E:85:8E:8D:A6:74:9C:F0:67:7B:28:69:FF:80:97:99:AD:16:E6:E8:22:EB:75:B4:CE:BE:69:F7:D0:86:DD:E8:CE:29:43:33:74:67:CE:99:24:15:58:09:A1:3E:7F:50:D1:0E:7C:1A:84:E3:81:02:03:01:00:01

**Basic Constraints** *IsCA: false*

**Subject Key Identifier** *90:13:D1:79:6F:B5:31:ED:A3:75:B1:7E:F9:FC:D9:F2:D4:A5:91:EC*

**Authority Key Identifier** *1A:89:A8:C5:EE:8F:76:5D:55:71:89:F3:3B:35:BD:AA:05:00:95:6F*

**QCStatements - crit. = false**  
*id\_etsi\_qcs\_QcCompliance*  
*id\_etsi\_qcs\_QcSSCD*  
*id\_etsi\_qcs\_RetentionPeriod: 15*

**Authority Info Access**  
*http://ocsp.dnie.es*  
*http://www.dnie.es/certs/AC001.crt*

**Certificate Policies**  
*Policy OID: 2.16.724.1.2.2.2.3*  
*CPS pointer: http://www.dnie.es/dpc*  
*CPS text: [DIRECCIÓN GENERAL DE LA POLICÍA, VATES-S2816015H]*

**Subject Directory Attributes** *DateOfBirth (OID: 1.3.6.1.5.5.7.9.1)  
19780623120000GMT+00:00*

**Key Usage:** *nonRepudiation*

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

**Thumbprint:** *C1:A3:7D:B4:8C:D5:E0:47:9B:97:F4:DE:32:E3:A7:47:0C:52:AA:FB:94:C1:65:6E:F5:6F:97:50:39:92:C8:A7*

## EU TSL digital identities

### TSL Scheme Operator certificate fields details



[illegible]

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

[illegible]

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

SHA256withRSA

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

**Issuer O:** *LuxTrust S.A.*

Issuer C: *LU*

**Subject T:** *Professional Person*

Subject SERIAL NUMBER: 10304387540106101740

**Subject GIVEN NAME:** *Constantin-Adrian*

Subject SURNAME: Croitoru

**Subject CN:** *Constantin-Adrian Croitoru*

**Subject OU:** 0949.383.342

**Subject O:** *European Commission*

Subject L: *BE*

Subject C: RO

**Subject E:** *adrian.croitoru@ec.europa.eu*

Valid from: Tue Feb 20 13:52:21 CET 2018

Valid to: Sat Feb 20 13:52:21 CET 2021

[illegible]

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

## TSL Scheme Operator certificate fields details

[illegible]

<b>Signature algorithm:</b>	<i>SHA256withRSA</i>
<b>Issuer CN:</b>	<i>QuoVadis Belgium Issuing CA G2</i>
<b>Issuer O:</b>	<i>QuoVadis Trustlink BVBA</i>
<b>Issuer 2.5.4.97:</b>	<i>NTRBE-0537698318</i>
<b>Issuer C:</b>	<i>BE</i>

**Subject CN:** *EC\_CNECT*  
**Subject O:** *European Commission*  
**Subject 2.5.4.97:** *VATBE-0949.383.342*  
**Subject OU:** *DG CONNECT*  
**Subject C:** *BE*  
**Valid from:** *Wed Mar 07 17:00:43 CET 2018*  
**Valid to:** *Sun Mar 07 17:10:00 CET 2021*  
**Public Key:**  
30820122300D06092A864886F70D01010105000382010F003082010A0282010100E8E6B190FE1A123FC92BE030D77A393AB321E3964330B30C35B52D2E73C7BD2147E2CE2DA88C503E9BF7C2189938980C107A669B38ECBEC0DCE3606FB17E82A33E061B8C3CD11B5D3095F694A99EA9BEFA3CD7024AACT1FD0810496DEE75350880B4F2E7CA51C0EFA1A158E8FBBAF1AC737C692193D05F460C79B8AECA7A9957966C704CEC0729B3B7BF46C0D8AC229EE85389B1831416771BAAE0EB7AB58629E706FA9AE73EB15C8B1FFE5719AC9775E2F3B825AC1F287AD0A8722D5B597ED113145C2965561292588C1DCD8394C6FF63912E21C42D1EBCD2DC3E319F24FE2C1D31BC668B69A4DAC82C4BF756E32F7781F91BD51C0A1B2AA2975F66EE27B0203010001  
**Authority Info Access**  
*http://trust.quovadisglobal.com/qvbecag2.crt*  
*http://uw.ocsp.quovadisglobal.com*  
**Subject Key Identifier**  
*E8:11:FC:46:BE:23:B4:8F:3E:F7:B1:D7:78:DF:09:97:B8:EC:45:24*  
**Authority Key Identifier**  
*87:C9:BC:31:97:12:7A:73:BB:7E:C0:3D:45:51:B4:01:25:95:51:AB*  
**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*  
**CRL Distribution Points**  
*http://crl.quovadisglobal.com/qvbecag2.crl*  
**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*  
**Key Usage:**  
*digitalSignature - nonRepudiation*  
**Thumbprint algorithm:**  
*SHA-256*  
**Thumbprint:**  
*CC:D8:79:B3:6B:B5:53:68:5B:EC:BD:12:90:1C:7F:41:F7:BD:3E:07:F8:98:FC:BB:E1:EE:C4:56:B0:3D:75:89*

## EU TSL digital identities

### TSL Scheme Operator certificate fields details

**Version:** *3*  
**Serial Number:** *153665982062421339038722954260668260958242818930*

## X509 Certificate

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

[illegible]

-----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:**

*EC\_DIGIT*

**Subject O:**

European Commission

**Subject 2.5.4.97:**

VATBE-0949.383.342

**Subject OU:**

## Informatics

**Subject C:**

BE

**Valid from:**

Wed Mar 07 17:01:43 CET 2018

**Valid to:**

Sun Mar 07 17:11:00 CET 2021

**Public Key:**[illegible]

### Authority Info Access

<http://trust.quovadisglobal.com/qvbecag2.crt>

<http://uw.ocsp.quovadisglobal.com>

### Subject Key Identifier

CF:1D:A2:3D:BF:EF:E3:E9:3E:F1:14:EA:43:A4:D0:3B:72:D2:14:F3

### Authority Key Identifier

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

## 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

### CRL Distribution Points

<http://crl.quovadisglobal.com/qvbecag2.crl>

## TSL Scheme Operator certificate fields details

Version:	3
Serial Number:	21267647932558803542992831893320696944
X509 Certificate	-----BEGIN CERTIFICATE-----

[illegible]

Signature algorithm:	SHA1withRSA
Issuer SERIAL NUMBER:	201508
Issuer CN:	Citizen CA
Issuer C:	BE
Subject SERIAL NUMBER:	67022330340
Subject GIVEN NAME:	Jean-Marc
Subject SURNAME:	Verbergt
Subject CN:	Jean-Marc Verbergt (Signature)
Subject C:	BE
Valid from:	Fri May 01 20:54:54 CEST 2011



**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:**  
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:AF:B8:3B:56:B8:83:63:86:AC:DD:1E:0B:3C:E8:3B:B8:F1:F9:8A:71:F3:69:53:0E:C0:56:FF:F1:83:96:FB:D2:15:30:7  
C:FE:57:97:49:03:37:93:2A:F8:4B:1B:94:B8:3E:4E:8A:77:61:3E:87:5F:05:95:1A:27:A7:BD:06:BF:6F:A2:8E:D9:0F:93:B6:50:91:F7:B3:D3:27:2E:01:B2:D7:88:DC:76:4B:B7:DC:E4:61:BD:2C:62:5A:7C:32:60:06:04:D0:B9:  
09:B5:68:35:4B:0D:0E:B9:DE:6A:91:E6:D0:0E:FA:01:1F:EA:FB:38:CD:11:12:2F:73:24:61:70:14:AB:E4:BF:5A:87:04:68:6A:48:85:E3:55:00:5D:E2:3D:29:2F:11:ED:CB:BD:48:C8:FF:15:C7:58:5E:1A:32:FA:86:2B:A9:17:1  
A:C7:9A:4D:C9:FD:86:04:DB:71:EB:96:D8:F0:22:12:BF:9E:0D:33:5C:CE:4C:06:04:31:57:C3:39:A7:18:53:CC:45:EC:F7:38:D9:3F:8C:82:A1:85:AF:13:CA:50:D2:7C:8F:CC:5F:73:83:B7:47:54:DE:3B:C9:10:A3:C8:7D:42:6  
2:C4:13:DE:87:13:09:33:05:B1:4E:31:5B:36:EF:C2:2B:BB:49:F2:A4:F6:8B:54:B8:55:02:03:01:00:01

**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*

**Certificate Policies**  
*Policy OID: 2.16.56.12.1.1.2.1*  
*CPS pointer: http://repository.eid.belgium.be*  
*CPS text: [Gebruik onderworpen aan aansprakelijkheidsbeperkingen, zie CPS - Usage soumis à des limitations de responsabilité, voir CPS - Verwendung unterliegt Haftungsbeschränkungen, gemäss CPS]*  
*Policy OID: 0.4.0.194112.1.2*

**CRL Distribution Points** *http://crl.eid.belgium.be/eidc201803.crl*

**Extended Key Usage** *id\_kp\_emailProtection*

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

**Key Usage:** *nonRepudiation*

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

**Thumbprint:** *D2:06:4F:DD:70:F6:98:2D:CC:51:6B:86:D9:D5:C5:6A:EA:93:94:17:C6:24:B2:E4:78:C0:B2:9D:E  
5:4F:84:74*

**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** *2020-11-02T09:45:00Z*

#### **Next Update**

**date Time** *2021-05-01T23:00:00Z*

#### **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**

<b>Name</b>	[ en ]	LuxTrust S.A.
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**TSP Trade Name**

<b>Name</b>	[ en ]	VATLU-20976985
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<b>Name</b>	[ fr ]	TVALU-20976985
-------------	--------	----------------

**PostalAddress**

<b>Street Address</b>	[ en ]	IVY Building - 13-15 Parc d'Activités
-----------------------	--------	---------------------------------------

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

<b>Postal Code</b>	[ en ]	L-8308
--------------------	--------	--------

<b>Country Name</b>	[ en ]	LU
---------------------	--------	----

**PostalAddress**

<b>Street Address</b>	[ fr ]	IVY Building - 13-15 Parc d'Activités
-----------------------	--------	---------------------------------------

<b>Locality</b>	[ fr ]	Capellen
-----------------	--------	----------

<b>Postal Code</b>	[ fr ]	L-8308
--------------------	--------	--------

<b>Country Name</b>	[ fr ]	LU
---------------------	--------	----

**PostalAddress**

<b>Street Address</b>	[ de ]	IVY Building - 13-15 Parc d'Activités
-----------------------	--------	---------------------------------------

<b>Locality</b>	[ de ]	Capellen
-----------------	--------	----------

<b>Postal Code</b>	[ de ]	L-8308
--------------------	--------	--------

<b>Country Name</b>	[ de ]	LU
---------------------	--------	----

**ElectronicAddress**

<b>URI</b>	[ en ]	mailto:info@luxtrust.lu
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<b>URI</b>	[ fr ]	mailto:info@luxtrust.lu
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<b>URI</b>	[ de ]	mailto:info@luxtrust.lu
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<b>URI</b>	[ en ]	<a href="https://www.luxtrust.lu/en/repository">https://www.luxtrust.lu/en/repository</a>
<b>URI</b>	[ fr ]	<a href="https://www.luxtrust.lu/fr/repository">https://www.luxtrust.lu/fr/repository</a>
<b>URI</b>	[ de ]	<a href="https://www.luxtrust.lu/de/repository">https://www.luxtrust.lu/de/repository</a>

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 <u>génération de certificat</u> et la <u>signature</u> de la <u>création de certificats qualifiés</u> 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.

**Version:** 3

**Serial Number:** 1003

<b>Signature algorithm:</b>	<i>SHA1withRSA</i>
<b>Issuer CN:</b>	<i>LuxTrust root CA</i>
<b>Issuer O:</b>	<i>LuxTrust s.a.</i>
<b>Issuer C:</b>	<i>LU</i>

**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:** *30820122300D06092A864886F70D01010105000382010F003082010A0282010100C9B157CC0FBC44D9EF94277EB19F019C7E963B72E668B8B8D7D62077D54161C2302E6331F4A800285DEE01F3B1DE7B934BE17BE19BF07D0EE0D41F93866773F60F07EBA6E85512F013BD6F2ACD8AB0B36AB52D8736FD8BF8A4D1D4D3F9DE32EA1D920560832F4305EF9BCFADEF9A199B63CF413F64CE8478F1104DEF7D0A03F30921AD126BB643A612F7ED61D2038FD35A1F45D7F2C1453182D05E0C835854FEFA4A2F179993B942BE9DC53BF854B4710461003F82E167CB23FAEC EE13E4FA66E67A22A83AFAFAA07FA88AC0BEA25599B02A424FBD5DFE DD6832DF3AB9B690EFB081A3E245DD06B89018AB047837CDF32EF50C6DCE741A85D5877B99EEF38B0203010001*

**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*

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

**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).*

Name	[ en ]	LuxTrust Time Stamping Authority
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### Certificate fields details

## Version: 3

Serial Number: 1003

[illegible]

**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

[illegible]

**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=*



<b>Service Status</b>	<i>http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/recognisedatnationallevel</i>
<b>Status Starting Time</b>	<i>2016-06-30T22:00:00Z</i>

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

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

#### **Service Name**

<b>Name</b>	<i>[ en ] LuxTrust Time Stamping Authority</i>
-------------	--

#### Service digital identities

##### **X509SubjectName**

<b>Subject CN:</b>	<i>LuxTrust Qualified CA</i>
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<b>Subject O:</b>	<i>LuxTrust S.A.</i>
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<b>Subject C:</b>	<i>LU</i>
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##### **X509SKI**

<b>X509 SK I</b>	<i>jZCjB90aE3eZTJKrTUPeP80pZAU=</i>
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<b>Service Status</b>	<i>http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/undersupervision</i>
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<b>Status Starting Time</b>	<i>2013-10-13T00:00:00Z</i>
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### 1.2.3 - History instance n.3 - Status: accreditationceased

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

<b>Name</b>	<i>[ en ] LuxTrust Time Stamping Authority</i>
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#### Service digital identities

##### **X509SubjectName**

<b>Subject CN:</b>	<i>LuxTrust Qualified CA</i>
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<b>Subject O:</b>	<i>LuxTrust S.A.</i>
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<b>Subject C:</b>	<i>LU</i>
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**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**

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

**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



**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:**

```
30820122300D06092A864886F70D01010105000382010F003082010A0282010100BA084EED01E206A0B337C5173848DA5D6FDF8C79E8CBAABDD553DE72F07CB151E2E1
280C51321E6D61B5DC726A18B29C9FDA5A3BAE743DE8575846E09B66942913528A633BE29341858074B1AD2B42E8BC9E965BA75C798A50F0A424E4275883B55E5B6
2B1FC849D10A57EAEFE1C9541263BD87E028FF87975B6C12F214A1C0381CD1E36EFB8491A1733E9E03EBA997AD2980FA6C4543C343D22DF089A46C7CD8953AFBFB8
C974BC1E98FC931C53AC47E6EE97754C9ACA322F06629819205109E2FB62B24A9C1B3C842BAB1DFF299809530DD478F357589085A029863AC6AE15E48B8348809170
01F6594430723C858BFB3A93124CBF3B806C7F28C6ECBC1C5C8D0203010001
```

**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>*

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



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+8gaDI11ewiWRlBkdPIc=***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+8gaDI11ewiWRlBkdPIc=***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*

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

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

**Public Key:** *30820122300D06092A364886F70D01010105000382010F003082010A0282010100C45A7AD207A8E5E5D1C31DB55B81DD2B4F9434DE9DE1CC81E9E9E16FF9BB81A2985113111DCCB23F42E8978083D1FA0C9CFF3693DD1A3556A51119E20A11DBD63662CD52D24C96F4E3452B0C831E6DAD53A9F24E7C7D8533430E40380CC359B9FD44228DC9EF169369ED6E402E5221FA0E1A3DE898B41E1766524F1AFCB79A643AD36D23A905A07824550A5F75A751CBBBA0F67AC69FB0CB6A96CE1CE7EE3A3CD58F12DA0F9C0F0FA9E9F68E984869EF0F44B448EE30B44472EFD1B74DCF0DFC718B6BAC9D26F576340899810BFD1E88ED580AF9490D5D8CBEEDAB173AA59C959EE831E03A88CB785A48C4296B0A7FAD1E165536F09EBA0C0FF21D63B214B0203010001*

**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*

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

**Status Starting Time***2020-11-02T09:45:00Z***1.5.1 - Extension (critical): additionalServiceInformation****AdditionalServiceInformation**

<b>URI</b>	<i>[ en ]</i>	<i>http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures</i>
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**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/fWU6VbTScPgM7Eri8ycGmII=*

**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 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:**

```

30820222300D06092A864886F70D01010105000382020F003082020A0282020100B99E625D29856CFF348166F4923798B0899CC88A3741883E5C0DCD9701FA42D2343E06
441B0752A3CA4CED5308CC4E73ABCB60279D079C7F587E5BDF86410ABC05B636E357EA18BF872B83727BE901F88363A5F00798B7EDDC64FDE5E99FAE4FEDEE124
DA2B2B8E31CEA7D664A2CD1B2B041C8AE275D71E3D63A4DC9FD531CF42B127A67996E67995B5FF15DEAA894C4B2480D9DFED03815098B0A20AF9BDECD10F22A
976D0950CAFCAC61BA432A10A096EE10FDB789AC131628D5A4FAC8F33A43C00100ED804115760833CE74B48CD380B90A378B94B62E5E096395EAFD6CA464F705B
C9E46AB78B66C9FD8820E28465C82E266F63B1E198D4A027955F2EB0B8C1140896E4E0A7CDC3A0F823EC56E7284614BABA5D5CB8B56D1D1A8E722F2B0956FEEC
8FA731E6532F40A00C2EF8958B79298592987EAS4B015149A574E9BA763619AC9519FFEE3A9CCD422491A5CC7162398094F28D793817563E4C734CE88E04FF3194C61
4DEE8BF89F4D72A1D37A3A17D300369CBDA29F8F60B60B074226F32ABE552E08AAE8FB976DD66B519B70595EB8211A1B90986D138ABED55422345998D58F21ECD
ABA5470243AF83D56CA62A1CE9D26AD735A17361171EEC5AC493AF495B3595A7FF7F18A9E76F4FF7F1A99A9BC4688E15EB8315C58022AF900BFEE3EDDE0920EA413C
F535E1A8F1982E9D107F3882E56CD0BA3F77055333B0203010001

```

**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>*

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

[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]

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

Criteria list assert=all

Policy Identifier:

Identifier 1.3.171.1.1.10.3.33

Description

#### 1.6.5 - Extension (critical): Qualifiers [NotQualified]



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

**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-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-----

```
MIID6jCCAikGAwIBAgICDtswDOYJKoZihvcNAQELBQAwRDELMaGA1UEBhMCTFuxFjAUBgNVBAAoT
DUxleFkydXN0HMoYSAh1AbBgNVBAMTFExleFkydXN0Edsb2hkbCBhCBjAaW1lc3RbbXBpbnctQ0EwggeEiMA0GCSqGSIb3
DQEBAAQUAAIIBDwAwgEKAoBAQC62E7AeLGoLM3xRc4SNpd9+MceJLq9iVPccB8sVH48SMUT
IehWGi3H4qGLKc9paaPS6PaXWEGm5dIKRNXmM749NBBYRbsadQus8pZp1t5UdwqfKJ
iFV5ByrH8hI0OpX6e4clUEmO9h/Ao4eXW2wS8hShwDgo0eNu+4SRoXM+ngPqZetK YD6bE VFw0
PSLCLpCcxZJ067+M0vB6YJMcL6xtHunXdlYayJlvBmkYGSBRcl7YrKnB88RurtH8pmAII
DdR4d1dYr1WgYVYoxgV5tDSC7CzAF2WUBQ9yFfistdZMvzaAH8vux8HFFyAgAMBAAAGidow
gdewDwYDVROTBAGwBgEBwIBADBDBgNVHSAEPDA6MDgGCCuBKwEBAQoIMCwwKgYKwYBBQUHAgEW
F3WFZQwJdPpBpBPKWcYNE3e4wMgYDVROBRCswKTAoSCWp4YVh1R0kDowl2NwCSsdANdZ
dC5sdSMVMEISQ0E0Y3J6MB0GA1UdDgQWBRT1vyLGH7yBoMjXV7CJZGUGR08hzANBkqkhiG9w0B
AQ8IAAOCACQEAWRloTracythMSS3+gby13leTtH10bQ9uyOmK8g5MLjmWhwX06CJbWuTAQ6X4o
AEGS0A0TWVHeYgZ7eScdMeZCasDluml9eS86sF4of+7TA68RGT0vBdEudC3KJYUuR0okWET
jX3gsxPS9DIPVpBv4XPhMMH4pyIdUj5QRF26xxmGbx1U/EuxUhp6S8+P2mmKfaLp01NM
xwFakYE3g8KJOVJbAutO8QDUQH48+HimIMVzxA VhZr5uxtauyNatiqecQ0xkMgRkqPiNZQ5LC
hbGZyRxx0dgg-JH4Ca0k8B8mwvYyz2NzEgbiArJecAdBajUajVw=
```

-----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:**  
30820122300D06092A864886F70D01010105000382010F003082010A0282010100BA084EED01E206A0B337C5173848DA5D6FDF8C79E8CBAABDD553DE72F07CB151E2E1280C51321E6D61B5DC726A18B29C9FDA5A3BAE743DE8575846E09B66942913528A633BE29341858074B1AD2B42E8BC9E965BA75C798A50F0A424E4275885B55E5B62B1FC849D10A57EAEFE1C9541263BD87E028FF87975B6C12F214A1C0381CD1E36EFB8491A1733E9E03EBA997AD2980FA6C4543C343D22DF089A46C7CD8953AFB8C974BC1E98FC931C53AC47E6EE97754C9ACA322F06629819205109E2FB62B24A9C1B3C842BAB1DFF299809530DD478F357589085A029863AC6AE15E48B834880917001F6594430723C858BFB3A93124CBF3B806C7F28C6ECBC1C5C8D0203010001

**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=

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

**Status Starting Time** 2016-11-30T00:00:00Z

### 1.8 - Service (granted): LuxTrust Qualified Time Stamping

**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 Qualified Time Stamping

#### Service digital identities

##### **Certificate fields details**

**Version:** 3



**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*

<b>Service status description</b>	<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*

<b>Service type description</b>	<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 qualifizierte Zertifikate basierend auf der Identität und andere Attribute, die von den jeweiligen Registrierungsdienste überprüft.</i>

### Service Name

<b>Name</b>	<i>[ en ]</i>	<i>LuxTrust SSL Certification Authority 5</i>
-------------	---------------	---

### Service digital identities

#### Certificate fields details

**Version:** *3*

**Serial Number:** *533964332515310132895107069031428386213137370244*

## X509 Certificate

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

[illegible]

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

**Signature algorithm:**

SHA256withRSA

**Issuer CN:**

LuxTrust Global Root 2

**Issuer O:**

LuxTrust S.A.

**Issuer C:**

 $LU$ 

Subject CN:

LuxTrust SSL CA 5

**Subject O:**

LuxTrust S.A.

**Subject C:**

 $LU$ **Valid from:**

Wed Apr 13 11:05:12 CEST 2016

**Valid to:**

Mon Mar 05 14:21:57 CET 2035

**Public Key:**

20:42 02 22 98:3D 34:06 08:74 2A:96 48:68 01:01 01:01 02:02 02:02 04:02 02:02 01:00 0D:AE 13:53 7D:7E 1C:8C DB:9C 55:6D 64:94 06:30 62:69 94:04 04:0D FD:1F B5:54 17:93:4A B1:0E 45:5E 72:2  
20:42 72 98:3D 34:06 08:74 1E:18 58:76 56:90 96:FC F4:69 18:EA DD 09:80:01 2D:74:71 A3:E1 A6:D1 4D:78 9C:7E 08:25 19:59 10:02 35:C7 7A:70 F0:04 05:3C 0F 4B:4E 4F:17 90:58  
1E:AF F8:68 64:78 98:37 3D 74:49 04:C1 6E:9F 1E:FD C0:7F A3:80 94:32 AB:77 90:25 D5 39 37 C0:43 86:42 23:8A 03:19 AB:28 18 05:FE 46:D4 C3:DC 7D:03 31 AF 41 BF:6A 1C:4A  
17:EB D5 7E 1D:FF 76 12:5D 97 C2 E2 C2 84:53 33 34 1 90:0C 0B:29 36:51 7D 73 F5:14 C4 F6:16 96:5F 70:73 67:E4 13:FC F4 C8:20 E5:8A 6E:0E 46:D4 B7:51 5E 40:40 4D:DE 67:8A  
84:77:6E 1D:9E A2:45 96:23 80 A7:DE D2 08:85 E2 A0:95 82:94 22:66 74 A5:96 84:63 42:9D F9 51 2A 1D 64:53 05:09 C8:61 42 F3:6D 7D:7F 92 83 80:4A 4C:BC 4E:5A D6 38:EB 07:04  
5:94 74 75:94 A3:04 D8:02 0D:08 9D A6 71 85:83 93 94 1D 82:94 16 BC AC 2B:37 06:09 F0 46:0C 8D:FD F1 C6:0D 8D:7F C5:61 D8 A1 15:58 0C 34 C8:8A 5A 16:2E 38 34:CB 32:05  
5:94 74 75:94 A3:04 D8:02 0D:08 9D A6 71 85:83 93 94 1D 82:94 16 BC AC 2B:37 06:09 F0 46:0C 8D:FD F1 C6:0D 8D:7F C5:61 D8 A1 15:58 0C 34 C8:8A 5A 16:2E 38 34:CB 32:05  
5:6E 17:7F 20:02 18:8K 5D 11 25 D0 09:99 10 12:52 02 5C 25 A5 BC 19:45 24:09 1F 58:63 31 03 18:61 90 17:37 27:5B 9D D8:F5 C7 C8:07 92 94 94 01:02 C8:91 11 A0 15:67 C2 38:A0  
01:42 6E:FF 72:91 C2 24:76 8E 86 95 C9 39:0D 02:02 01:00 01:01

### Basic Constraints

*IsCA: true - Path length: 0*

## Certificate Policies

Policy OID: 1.3.171.1.1.10.5

*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** [ 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 qualifizierter 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	<div>-----BEGIN CERTIFICATE----- MIIDjCCAggAwIBAgIQAPwW=ck6SIYDODOUWMr0DANBgkqhkiG9w0BAQUFADBDMDQwCQYDVQQL EwJMVEZMBGGAUUECBAQU2VNYXJrZXQgQ0EgUy5BLjEzMkEgA1UEAxMQU2VNYXJrZXQgQ0EgUm9y dAefw0wODA3MjMxMDAwMzNaFw0yNDA3MjMxMDUzMDEhMEMxZCAjBGNVBAAYTAkxVMRkwFwYDVQQL ExBTZU1hcmldcCBOcSBTAAEwMRkwFwYDVQQLExBTZU1hcmldcCBOcSBSS290MIBHjANBgkqhkiG 9w0BAQUFAAOCACQAMIBBgkCAQEAASPRP9lGxVAfjWZSChk8SsZZAVdNaymFwulCyo8LlYc 9maDIEQ-MGMMVtu1ByWxeDdry4HmNngmYFVvgEzkwwYF3b0AkP=wYGo2ih4BWJsrRWgA2Lg7 YdBTTCFwGk8k8N0mHwJZAl8q8NBR23r0HhMj60D0640dDHLswRCQzgrX0kCsZ HRgKYhDyBkQZESmcXK675daaglsIChhtqQ7VgzZeuDlJh8gFAiZLDLtoB3d-LCPgc2I57NM kBWtGtoHxNq5BRwSWOfwZLTHGyQHYKBd56ghkqP=aYghbOx10umzMLyywFYDQIDAQABo0Iw QDAPBgNVIRMBASEBIDAQIMAAQGAUuADwEhbwOEawilBBjAdBgNVHQ4EFfQC87dybtewgSpDeQJ 4Zqge48MkOAwdQYJkoZlhvcNAQEFBQADggEBAH6c27PR3cVpW8i7GpQ6NgQc13GLwhRAjltU athJU1IECSY4uxamKmrYKukKE=aWgVC0uVRvPwzydjwclqI8LzROk6ZjD4nllkA18nySp95se s8b8e518eSMQzdvM+0D2KA Vme=ggRtmRqX0jkKo0SO5VmcV2W0cdu075pdlBflltsp4AJCD HLDeQmpkQmV7GzSsA38uNkf=gQZslY0uL MmcAUUDfGAWKb4Wdghb8OdIY0L SMBnMjD1u+ JURsoWzz1gVo7RK0hBWqAolppb0oMFw75KglQqM3DuJRjG0PBmSaNHXBzMcEcX0tufD5r6+k= -----END CERTIFICATE-----</div>
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:	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:B7:CA:CF:44:FF:54:1B:15:40:16:35:B3:0F:90:A5:29:D4:9C:F7:16:59:91:59:5D:35:AC:A7:C0:1C:2E:93:6C:BA:04:B 6:1C:F6:6C:48:0C:81:10:F8:C1:3C:55:FB:B5:6D:8B:96:C5:E0:C3:AF:2E:07:98:D2:6A:1A:0C:85:57:2B:E0:11:E9:30:C1:81:77:84:E0:24:3F:EC:18:1A:8D:A5:8B:80:56:26:C2:6B:45:68:00:D8:B8:3B:61:D0:49:ED:30:85:6A: DF:C6:95:D9:1D:B0:D3:A7:B8:11:F0:DD:95:C8:59:FA:BC:7A:33:41:46:4D:90:7C:E1:DB:20:CA:7A:D8:3D:3A:E1:BD:1F:0C:72:F9:C1:10:8E:83:3B:71:5E:48:82:A1:2B:59:1D:18:0A:62:10:F2:7D:B4:25:65:F1:12:99:E5:E4 :1B:BB:1F:6A:DB:AA:22:CD:46:C5:B7:F1:A8:84:3B:56:06:5E:C5:D0:ED:26:1F:20:14:08:99:2C:35:2D:A0:1D:DD:F8:B0:8F:81:CD:88:E7:B3:4C:90:15:AB:18:7A:3E:1F:13:6A:E4:14:70:49:63:9F:C1:92:1C:4C:71:B2:40:76 :0A:05:D7:F1:EA:A6:E4:16:A3:FE:FD:A6:20:6F:13:B1:D7:4B:A7:CC:C2:F2:CB:07:D8:0D:02:03:01:00:01
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*

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

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

## Scheme Service Definition URI

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

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

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

#### Criteria list assert=all

##### Policy Identifier:

<b>Identifier</b>	<i>urn:oid:1.3.6.1.4.1.25969.8.2.1</i>
-------------------	--

<b>Description</b>	<i>Qualified certificates including such Policy OID have the corresponding private key residing in an SSCD.</i>
--------------------	---

### 2.1.2 - Extension (critical): additionalServiceInformation

#### AdditionalServiceInformation

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

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

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

#### Service Name

<b>Name</b>	[en]	<i>SeMarket Qualified Certification Authority</i>
-------------	------	---

#### 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]

<b>Qualifier type description</b>	[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 vérifiée (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);

#### **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]**

<b>Qualifier type description</b>	<i>[en]</i>	<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>
	<i>[fr]</i>	<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>
	<i>[de]</i>	<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 (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);</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

**Name** [ en ] *BE INVEST International S.A.*

#### TSP Trade Name

**Name** [ en ] *VATLU-LU29222134*

#### PostalAddress

**Street Address** [ en ] *17, rue Léon Laval*

**Locality** [ en ] *Leudelange*

**Postal Code** [ en ] *3372*

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

#### ElectronicAddress

**URI** [ en ] *https://www.be-ys.com/home*

**URI** [ fr ] *https://www.be-ys.com/*

**URI** [ en ] *mailto:contact@be-ys.com*

**URI** [ fr ] *mailto:contact@be-ys.com*

#### TSP Information URI

**URI** [ fr ] *https://pki.almerys.com*

**URI** [ en ] *https://pki.almerys.com*

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

#### 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*



**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*

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

**Status Starting Time**

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

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

<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** *1.3.6.1.4.1.48620.41.1.7.3.1.1.1*

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



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

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

1.3.6.1.4.1.48620.41.1.7.3.1.4.1

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

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

**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>

### TSL Scheme Operator certificate fields details

## X509 Certificate

[illegible]**Public Key:**[illegible]

<b>Basic Constraints</b>	<i>IsCA: false</i>
<b>Subject Key Identifier</b>	<i>0A:4C:EA:12:67:EE:18:45:DD:E2:84:1A:B6:4F:BC:26:55:DC:1F:74</i>
<b>Extended Key Usage</b>	<i>id-tsl-kp-tslSigning</i>
<b>Key Usage:</b>	<i>nonRepudiation</i>
<b>Thumbprint algorithm:</b>	<i>SHA-256</i>
<b>Thumbprint:</b>	<i>CF:14:79:41:C7:13:76:E4:AC:E3:9E:37:02:56:74:0B:1D:8A:17:91:31:D3:8F:AE:60:5C:C4:40:20:B4:13:E9</i>