



LUXEMBOURG (LUXEMBOURG) : Trusted List

Tsl Id: TrustServiceStatusList-1

Valid until nextUpdate value: 2021-12-10T00:00:00Z

TSL signed on: 2021-06-10T06:38:37Z

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>44</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	[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

Subject E: *apostolos.apladas@ec.europa.eu*

Subject OU: *Entitlement - DIGIT OFFICIAL*

Subject OU: *Terms of use at <https://www.digitalsign.pt/ECDIGITALSIGN/rpa>*

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

Subject 2.5.4.97: *VATBE-0949383342*

Subject O: *EUROPEAN COMMISSION*

Subject C: *GR*

Valid from: *Fri Dec 06 01:00:00 CET 2019*

Valid to: *Tue Dec 06 00:59:59 CET 2022*

Public Key:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100EEB1655E9FC305243F49FA54B649CD705BCE7310F095AD79FB8020E766749E8CA0563E8A25CB2C5359A4BAFF110E0785CC778B61F43F844249F283B499F754AED0A7FAD9193C1999A9BE927E50C910DFC34A304AD076E4061DE1EA0ACBEB9D0B04FB63A92254F668B6867F036F459051AEB0A0EAD44118E3B28C6217019FAF25806E6D784FDE1A0EEC621C15E291652DF7FD4D42CB2DC9A8E154A516366656B00C29CAA9E46323E555F346357060920D4C0A52922E38541C6F2E592805CBA7708B128FB099C4D5A21C8B1434019DF14FA5C464ABE.C1765ABDAE3123F56CAEA36DCD176A47F81E67D64F898780FB1D0C8120B2D04A94A1A87E332AB496694B60E5B0203010001

Basic Constraints *IsCA: false*

CRL Distribution Points *<http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/LatestCRL.crl>*

Certificate Policies
Policy OID: 2.16.840.1.113733.1.7.23.2
CPS pointer: <https://www.digitalsign.pt/ECDIGITALSIGN/cps>
Policy OID: 2.16.840.1.113733.1.7.44.2
Policy OID: 0.4.0.194112.1.2

Subject Key Identifier *F5:74:48:F4:E1:F6:4C:3F:0B:21:B9:00:F7:25:83:67:05:61:D3:58*

Authority Key Identifier *FB:5E:8E:42:9C:23:A8:7D:F4:1B:8C:5C:7C:3B:18:AB:D9:D9:F7:40*

Subject Alternative Name *apostolos.apladas@ec.europa.eu*

QCStatements - crit. = false
id_etsi_qcs_QcCompliance
id_etsi_qcs_QcSSCD

Extended Key Usage *id_kp_clientAuth*

Authority Info Access
<http://std-ocsp.trustwise.com>
<http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/ca.crt>

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint: *1E:34:FF:80:C0:3E:03:F8:98:21:8C:5E:99:04:1C:5C:5E:83:14:AC:62:72:2E:07:11:B3:7F:A1:B0:F9:67:43*

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 36460128017033885539727405715891686545

X509 Certificate

```

-----BEGIN CERTIFICATE-----
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VQOEAZTEwIhbmRlYyYyBlcnVpdCBOZXRyb3JmTlUwMwYDVoQLEyxDRGfzcyAyEjIhbmFmZWQlUj
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V000q8-

```

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

Signature algorithm: SHA256withRSA

Issuer CN: DigitalSign Qualified CA - G3

Issuer OU: Class 2 Managed PKI Individual Subscriber CA

Issuer OU: Symantec Trust Network

Issuer O: DigitalSign - Certificadora Digital

Issuer C: PT

Subject CN: JEROEN ARNOLD L RATHE

Subject OU: RemoteQSCDManagement

Subject GIVEN NAME: JEROEN ARNOLD L

Subject SURNAME: RATHE

Subject SERIAL NUMBER: PNOBE-592-5444750-27

Subject E: jeroen.rathe@ec.europa.eu

Subject OU: Entitlement - EC OFFICIAL

Subject OU: Terms of use at <https://www.digitalsign.pt/ECDIGITALSIGN/rpa>

Subject OU: Certificate Profile - Qualified Certificate - Member

Subject 2.5.4.97: *VATBE-0949383342*

Subject O: *EUROPEAN COMMISSION*

Subject C: *BE*

Valid from: *Wed Apr 08 02:00:00 CEST 2020*

Valid to: *Sun Apr 09 01:59:59 CEST 2023*

Public Key:
30820122300D06092A864886F70D010105000382010F003082010A0282010100E97B882F666B13485E1E10F886E7FC513822325972608A2F14CS7AD5BF7A30FB1810B3D185A0485471C5EF0D3CDA851D95E1D9E33BE60D55AD6F46FD406BE931D8A8C740C90EBEC1F44AF09456B299C139B06053729CF32A1263B75EE0846C3634F45BE5E6F6868F09F5512E794FF085035DF9E06A5AE9C7E7F0A89F385C932ED8633301CFBDB40E138826C74EF05B6087C31B763D5FC93E60F5682E196A491437080C09B1B78AD291BBCFA9315C16A668A5D54DS249FC412D9E204DC844AC51394323FA8C2D621642C9717D6BFCE827BF7AAE42B99A5CA8A52E0617E979C76A31E9DC0CB56D5E788C469F661233C07580CC96B1599EA1F91E061A14F3C8F30203010001

Basic Constraints *IsCA: false*

CRL Distribution Points *<http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/LatestCRL.crl>*

Certificate Policies
Policy OID: 2.16.840.1.113733.1.7.23.2
CPS pointer: <https://www.digitalsign.pt/ECDIGITALSIGN/cps>
Policy OID: 2.16.840.1.113733.1.7.44.2
Policy OID: 0.4.0.194112.1.2

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

Authority Key Identifier *FB:5E:8E:42:9C:23:A8:7D:F4:1B:8C:5C:7C:3B:18:AB:D9:D9:F7:40*

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

QCStatements - crit. = false
id_etsi_qcs_QcCompliance
id_etsi_qcs_QcSSCD

Extended Key Usage *id_kp_clientAuth*

Authority Info Access
<http://std-ocsp.trustwise.com>
<http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/ca.crt>

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint: *B5:F7:9F:E7:98:AA:FF:B5:06:E7:EF:62:FA:F0:E2:6E:E4:73:E8:2F:04:CF:1F:A1:AD:71:F9:A5:94:7A:7F:90*

EU TSL digital identities**TSL Scheme Operator certificate fields details**

Version: *3*

Serial Number: *152703152656524884086473193861611914911*

Public Key:

30820122300D06092A864886F70D01010105000382010F003082010A0282010100CB9A4194B28996F90A3123063E9C7E57456E830EF557A036099CCE1AD1FFEC1A694042
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Basic Constraints*IsCA: false***CRL Distribution Points***http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/LatestCRL.crl***Certificate Policies***Policy OID: 2.16.840.1.113733.1.7.23.2**CPS pointer: https://www.digitalsign.pt/ECDIGITALSIGN/cps**Policy OID: 2.16.840.1.113733.1.7.44.2**Policy OID: 0.4.0.194112.1.2***Subject Key Identifier***8F:15:FC:42:57:85:11:52:1C:4D:E5:31:2C:28:88:5F:F6:17:6C:0C***Authority Key Identifier***FB:5E:8E:42:9C:23:A8:7D:F4:1B:8C:5C:7C:3B:18:AB:D9:D9:F7:40***Subject Alternative Name***georgios.lappas@ec.europa.eu***QCStatements - crit. = false***id_etsi_qcs_QcCompliance**id_etsi_qcs_QcSSCD***Extended Key Usage***id_kp_clientAuth***Authority Info Access***http://std-ocsp.trustwise.com**http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/ca.crt***Key Usage:***nonRepudiation***Thumbprint algorithm:***SHA-256***Thumbprint:***17:F7:71:1F:C9:CB:70:2A:35:CD:1D:DF:03:FF:13:0C:6D:D0:2A:4E:56:F7:CB:8C:D5:C9:AD:CF:
52:EA:3F:95***EU TSL digital identities****TSL Scheme Operator certificate fields details****Version:***3***Serial Number:***163467828690131502343104343442326302118*

X509 Certificate

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

```

MIHfRCB6gAwIBAgIQvcrCNPiXCh355cXjwtpjANBgkqhkiG9w0BAQoFADCCBzELMAkGA1UE
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```

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

Signature algorithm:

SHA256withRSA

Issuer CN:

DigitalSign Qualified CA - G3

Issuer OU:

Class 2 Managed PKI Individual Subscriber CA

Issuer OU:

Symantec Trust Network

Issuer O:

DigitalSign - Certificadora Digital

Issuer C:

PT

Subject CN:

CONSTANTIN-ADRIAN CROITORU

Subject OU:

RemoteQSCDManagement

Subject GIVEN NAME:

CONSTANTIN-ADRIAN

Subject SURNAME:

CROITORU

Subject E:

adrian.croitoru@ec.europa.eu

Subject OU:

Entitlement - EC OFFICIAL

Subject OU:Terms of use at <https://www.digitalsign.pt/ECDIGITALSIGN/rpa>**Subject OU:**

Certificate Profile - Qualified Certificate - Member

Subject 2.5.4.97:

VATBE-0949383342

Subject O:

EUROPEAN COMMISSION

Subject C:

RO

Valid from:

Fri Sep 25 02:00:00 CEST 2020

Valid to:

Tue Sep 26 01:59:59 CEST 2023

Public Key:	<i>30820122300D06092A864886F70D01010105000382010F003082010A0282010100BA083A45C4EB99BB8C3E8C464A8302D4EE7E7D79D7301D6B0DB50249503A790450A0B C69AE5DE2EB49DE77E241520645D9EAD146BB035B1F28B2EC736946FAC9C0F9CBF3A2455324AFB868BB2F312F7E520576E20040C9ABF85013BE8970F900A621DF16 249695394E3F87F0EB10F99B3E4C7C02836BAD24DE29C41A9E6E00672E636834FF7C3D0C728A3E764004F576A22E67EF00B9EF3AF9CD1E1E218798F8B5EFA0D2316 D4829FB637E0BD06C1559350292F870635C68266D3F80CFCE2F17CD0121411C58A144F0F6A8F1DD9EEFFC2C47E3F08BB0464CD888C90F814C48C1B272DF622E8887 DA75301E1DABF334CD4D0FB109CAC497831F55A269E30FB30E10203010001</i>
Basic Constraints	<i>IsCA: false</i>
CRL Distribution Points	<i>http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/LatestCRL.crl</i>
Certificate Policies	<i>Policy OID: 2.16.840.1.113733.1.7.23.2</i> <i>CPS pointer: https://www.digitalsign.pt/ECDIGITALSIGN/cps</i> <i>Policy OID: 2.16.840.1.113733.1.7.44.2</i> <i>Policy OID: 0.4.0.194112.1.2</i>
Subject Key Identifier	<i>45:F4:B8:36:70:B8:41:F1:00:29:8E:5D:AA:8C:C7:92:CF:B4:37:24</i>
Authority Key Identifier	<i>FB:5E:8E:42:9C:23:A8:7D:F4:1B:8C:5C:7C:3B:18:AB:D9:D9:F7:40</i>
Subject Alternative Name	<i>adrian.croitoru@ec.europa.eu</i>
QCStatements - crit. = false	<i>id_etsi_qcs_QcCompliance</i> <i>id_etsi_qcs_QcSSCD</i>
Extended Key Usage	<i>id_kp_clientAuth</i>
Authority Info Access	<i>http://std-ocsp.trustwise.com</i> <i>http://onsitecrl.trustwise.com/DigitalSignCertificadoraDigitalQualifiedCertificateG3/ca.crt</i>
Key Usage:	<i>nonRepudiation</i>
Thumbprint algorithm:	<i>SHA-256</i>
Thumbprint:	<i>56:F7:05:C2:E4:6C:B3:5A:78:B2:7A:7A:13:64:C7:33:FB:82:26:D9:6F:F0:1E:8E:2F:02:10:31:36:A 8:67:51</i>

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version:	<i>3</i>
Serial Number:	<i>362671125803220245397713982254227056881701192273</i>

X509 Certificate

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

```

MIHLjCCBRagAwBAglU/4asWPhZN++7VtYyuAcDgmTglEwDQYKozIbveNAOELEBOAwczELMAkG
AUUEBMBQKQkUGTAXBgNVBGEEMEESUJlJlFJA1Mzc0TzEzMTgsIDAcBgNVBAMMF1B1b3ZlZGlzFRy
qXNB2CmYBkVvBEuSbcwQYDVOQDD58RW9WYWRpocBZCZkmXvIlEzCVpshmcgQ0EgRzlwbWVh
MjEwMTA5MDRlODM4WmNlOwMTA5MDRlODM4WmNlOwMTA5MDRlODM4WmNlOwMTA5MDRlODM4
cmVkdG9YXRIUlJlbnV5YyYyWm9zZm9jEEluZm9yZW0WbnZMRk9fZWYyVDRRDBB0VEFRS0w0TOSMzgz
MAQyMlE0wSAYDQOKEJEDF0JNSVNS90ERIFLwVUS3Tb9gRVSSTIBRUL50KSAIENPTUJLUNJ
RSBWOUqREIgrVYST1BFUOUqUSJRTEcMBoGAILUEAw7TSAVyb3BlYW4gQ296bWVuc29vcCA1
DQYKozIbveNAOELEBOAwczELMAkGUocGcEBAACq40SOWaqrkbc5sdfPLKxyghYzBLKmeN3ind
DsmMdyShpSWW9p8iKc2mdSnsEmsS772Qo=spHmlZbVnuCywKpDfAb4r=clTyVR
dR+c9P8ZLzPDYVVCAG36WShpcztlNzZemz2jWJZv9V0ACYmksmWbWng7L1Ral180PC100
ERI_2BzV=mkB2QoUlp8P889L9fEwCVS8Xv0btkK1C=IlcxuYsuu7dNyfw9UHDBoul5452c3O
f8N5+CSbultmOjls==Bub018skPb31SRGfAe2Kv9cZerQw5iNkCk44A1Y2ctfC
AwEAaOCAMowggJmMB8GA1UdHwQMBAfHNDGXEmpr37APU1RtAEIIVGMhK-CGCSGAQUFBwEB
BGswTA4BggerBgeFBQcwoAoYsahR0cDovL3RydXN0LmF1b3ZlZGlzZ2xvYmFslmVvBS9ydmYyZm
MicsenQwL0Y1KsYBB0UIMA0C91WbH46e914b5vYNovLat1b3ZlZGlzZ2xvYmFslmVvBS9ydmYyZm
HSALEzBRMEQCQCSGAOQb=geBexwAjA0BzgerBgeFBQcCARYoahR0cDovL3d3dy5sdW92YWRpoc3ds
b2JhcC5pb20vcmlvbnNpdG9yeTAjBgE=AIysQAIEDMCKGAILdIQOMCACGCSGAQUFBwEBBggerBgeFB
QcDdAYKk=YBB0UIMA0C91WbH46e914b5vYNovLat1b3ZlZGlzZ2xvYmFslmVvBS9ydmYyZm
CAYBACORgeFBMAgGIBGQAJYBBDATBjEYAISGAQYwCQYHBACORgeGAjA7BjEYAISGAQUwMTAvFilo
dHRwcwzL3d3dy5sdW92YWRpoc3dsb2JhcC5pb20vcmlvbnNpdG9yeRMCZw4wDwYDR0RDQwMAJAw
eCglE1YgshR0cDovL2Nyc3dW92YWRpoc3dsb2JhcC5pb20vc3ZlZlZlZmZmZmZmZmZmZmZmZmZmZm
BBQsmR2Vg7SM99egZCs2j1OOjAOB8NVH08BAINEBAMCBsAwEwYKkOZlbvceAQEJagOFMAMC
AQEWNA1KkoZlbvceAQEJAQomMCQCAQCGH2b0dHAdl_y90vc5cdW92YWRpoc3dsb2JhcC5pb20vcmlw
DQYKozIbveNAOELEBOAwczELMAkGQYDVOQDD58RW9WYWRpocBZCZkmXvIlEzCVpshmcgQ0EgRzl
iMadrP0-K2X5YB5e=8yMw8bbrxv4LRR_CQ2W0X3KYGeqdeUAH+A8pbwA7clYkd3p8888kT
9k1KMuXbVRS08s2v0IAM9VfrrOenO=MuIFDSaNLJK=PDhcsSdyzszMRKHAkTC3z3T8B6+
Qv93akUzm9s4MTLlFwWpL8wMXXQYkvsSesUcns918H4EH7EdwXfEfmucMJf89kZ
Q8SAocfPADuhw0C4uGnz9DwGMSMMyfFwGOpQb0pukdmNc3sa8SUQh4+yshCHKM2D7c
ak9buDO7cu5shkEulCERTza20vbcSeiFAa6kuyPGYIA49A0uz5KPyYVg0b31FvNl0MaAbI1pzr
7m7QgWdE89pG02R8T1ysd7kwmY7TpaMjP=6tD06ldgk8ImngaxKapC6gRKHLY1XKs
qhwX0EaH00Y=92B03CDLlMgPHKY=wNepIgeZuQnnotr-G2HXB9P+Q43sgMjXpQY15ymM
0VBmCYWUon11B0vntGOCVVPBQFKU6k1769h11CmIA7KgK7In2oJb8BupWUPGej==MkkrFDS0T
0mNB9ZDheyO38YOct1Hfs

```

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

Signature algorithm:

SHA256withRSA

Issuer CN:

QuoVadis Belgium Issuing CA G2

Issuer O:

QuoVadis Trustlink BVBA

Issuer 2.5.4.97:

NTRBE-0537698318

Issuer C:

BE

Subject CN:

European Commission

Subject O:

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

Subject 2.5.4.97:

NTRBE-0949383342

Subject OU:

Directorate-General for Informatics

Subject C:

BE

Valid from:

Thu Jan 21 09:48:38 CET 2021

Valid to:

Sun Jan 21 09:58:00 CET 2024

Public Key:

```

30820122300d06092a864886f70d010105000382010f003082010a0282010100c0aaE3449059AA9191B7399FEC74F8CB2B2C60858CC12C90A678DFP9DD0F998CCCE1C
BD86C3FC58EA9C7E2F028C0F985AB41264B9163E1F7D0FAC2F35C8C9F88CC125886E8B2CF02A90E21408408BE79CFCEB4F255168AF8A0A1F75F1851C3557A4
2B46037B7A592D290A0AC824D9197AAB6C885946718B254ED026269319968569C67BB2D168BFBFCDF0F080D101112F607357E98A6F6B50CA52984F3C8F2177DDC6F4
4C02BD2497BF4B5BE2B2B50BE948731B98B2E8BB74DC9FC3D5070C19EE239E39D9DCED7C379F86488F6E88498E23CB3E5F9F6E6E7EB546C91E3E19372125113C62
00785295F090997B30406CACAB92253640850B0D2d12D9F28570203019001

```

Authority Key Identifier

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

Authority Info Access

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

http://uw.ocsp.quovadisglobal.com

Certificate Policies

Policy OID: 1.3.6.1.4.1.8024.1.400

CPS pointer: http://www.quovadisglobal.com/repository

Policy OID: 0.4.0.194112.1.3

Extended Key Usage

id_kp_clientAuth - Unknown ExtendedKeyUsage OID: 1.3.6.1.4.1.311.10.3.12

QCStatements - crit. = false

id_etsi_qcs_QcCompliance

id_etsi_qcs_QcSSCD

CRL Distribution Points

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

Subject Key Identifier

2C:A6:7A:C1:D9:5A:BB:48:CF:7D:7A:0B:59:C6:CD:A3:66:FD:50:3A

Key Usage:

digitalSignature - nonRepudiation

Thumbprint algorithm:

SHA-256

Thumbprint:

F7:E8:E4:E5:54:FB:7C:7A:8F:6F:36:0E:0C:A2:F5:9D:46:6C:8F:95:39:A2:59:63:F5:ED:37:E9:05:F0:C7:97

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version:

3

Serial Number:

60213747836971875367469109022676830970210644486

X509 Certificate

-----BEGIN CERTIFICATE-----
MIHQTCCBmgAwIBAgIU...
-----END CERTIFICATE-----

Signature algorithm:

SHA256withRSA

Issuer CN:

QuoVadis Belgium Issuing CA G2

Issuer O:

QuoVadis Trustlink BVBA

Issuer 2.5.4.97:

NTRBE-0537698318

Issuer C:

BE

Subject CN:

European Commission

Subject O:

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

Subject 2.5.4.97:

NTRBE-0949383342

Subject OU:

DG for Communications Networks, Content and Technology

Subject C: *BE*

Valid from: *Thu Jan 21 09:48:23 CET 2021*

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

Public Key:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100ED0F56E73F3D2FC88D20C47F987BF504CA3B31D535B25E64F64A35FC4F4A11DFACAE
F85BC4233601EEAE2188D89354C4A74E3E0162E0C6718FD8CEA0CC2A475F9C8CF9C9DCD7B1DC834B6420F2D66ACFB7785FAA66A386AA6C303D24273B6FAE0D
C7BE0581972FBE285A7A894DCE864FAA3610332797BF27DFD49538A42F902F9DE072970D7FB74EE442731C07C80E9F0720B79BB5A7E.F580400F7E3EC7F7053F494
7419D67AA7C8C7E3067B42046EBF0A3DA6B4CE38BE57422AD4437469E8EC4F99714EFCE2821C100E4BBA96DDBBDB2E747B094F888EB9BF10B212376E31EA3FB9F
BABE3AC379457E57FDB9881B4DF78FB627F837E008AC04E1E2AC6470203010001

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

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

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

Extended Key Usage *id_kp_clientAuth - Unknown ExtendedKeyUsage OID: 1.3.6.1.4.1.311.10.3.12*

QCStatements - crit. = false
id_etsi_qcs_QcCompliance
id_etsi_qcs_QcSSCD

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

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

Key Usage: *digitalSignature - nonRepudiation*

Thumbprint algorithm: *SHA-256*

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

EU TSL digital identities**TSL Scheme Operator certificate fields details**

Version: *3*

Serial Number: *21267647932559404339035760224263512027*

X509 Certificate

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

MIGzCCBNqAwIBAgIQEAAA... (Base64 encoded certificate data)

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

Signature algorithm:

SHA256withRSA

Issuer SERIAL NUMBER:

201803

Issuer CN:

Citizen CA

Issuer O:

Certipost N.V./S.A.

Issuer L:

Brussels

Issuer C:

BE

Subject SERIAL NUMBER:

72020329970

Subject GIVEN NAME:

Patrick Jean

Subject SURNAME:

Kremer

Subject CN:

Patrick Kremer (Signature)

Subject C:

BE

Valid from:

Sat Jun 02 00:04:19 CEST 2018

Valid to:

Wed May 31 01:59:59 CEST 2028

Public Key:

3082:01:22:30:0D: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:CO:56:FF:F1:83:96:FB:D2:15:30:7:CFF: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:B9:09:85:68:35:48:0D:0E:BD:DC:6A:91:E6:1D:0E:FA:01:1F:EA:FB:38:CD:11:12:75:2A:61:70:14:AB:44:BF:5A:87:04:68:6A:48:85:E3:55:06:SD:E2:3D:29:F7:11:ED:CB:BD:48:CS:FF:15:CT:58:5E:1A:32:FA:86:2B:49:17:1:AC:7:9A:4D:C9:FD:86:04:DB:71:EB:96:D8:F0:22:12:BF:9E:0D:33:3C:4C:06:04:31:57:C3:39:A7:18:53:CC:45:EC:F7:38:D9:3F:8C:82:A1:85:AF:13:CA:50:2D:7C:8F:CC:3F: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:E5:4F: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***2021-06-10T01:00:00Z***Next Update****date Time***2021-12-10T00:00:00Z***Distribution Points****URI***<https://trusted-list.lu/tsl.xml>*

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

Name [en] *LuxTrust S.A.*

TSP Trade Name

Name [en] *VATLU-20976985*

Name [fr] *TVALU-20976985*

PostalAddress

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

Locality [en] *Capellen*

Postal Code [en] *L-8308*

Country Name [en] *LU*

PostalAddress

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

Locality [fr] *Capellen*

Postal Code [fr] *L-8308*

Country Name [fr] *LU*

PostalAddress

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

Locality [de] *Capellen*

Postal Code [de] *L-8308*

Country Name [de] *LU*

ElectronicAddress

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

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

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

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

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

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

TSP Information URI

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

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

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

1.1 - Service (withdrawn): LuxTrust Qualified Certification Authority

Service Type Identifier

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

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

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

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

Service Name

Name [en] LuxTrust Qualified Certification Authority

Service digital identities

Certificate fields details

Version: 3

Serial Number: 1003

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIIDRCCAggAwIBAgICA+swoDOY/KoZlbcNAQEFBQAwODELMAgA1UEEBMCTFUsFjAUBgNVBAoT
DUxleRydXN0HMoYSAgtAXBgNVBAMTElEfcRydxN0Hhvb3Q0EwHhcnMDgwNjA1MDkyNT10
WhcnMTYxMDE4MTA0MDRwBjBMOswCOYDVQ0GEwMjEwMBoGA1UEChMNTHV4VHJic3Q0Uy5SBLjEj
MBoGA1UEAxMNVHJic3Q0Uy5SBLjEjEzEhMB8wZ2ZDZjZlZDZjZDZjZDZjZDZjZDZjZDZjZDZj
CgKCAQEAybEXzA+sRNVGd+sZ8BhH6W03LmalJ4f9Ygd9VBVclwLmMx9KqAKF3u4B87Hec5NLAx
vhuB9DuDUH5OGZ3P2Dw7TpuVvEATvW8jzYqCzArLthz9hux+Kt4TT+d4y6kgVgg99DBE+bz6
35ozZPPQY9kwr48RBV738KAMJ68s7ZDpIL37WHS44TWO9P1/LBRVcx7fWq1Bu/ur+kwE5
mTulK+nc17+FS0QRBAD+C4WILWazul=-T6ZaZ6tgg+vg6f6kL6VZmwKkJPvV3+3Wgy3q5
tpDsG4kXd1rOgKscDN8y7IDG3QDBqF1Yd7ac7zwDAQABoHUMHMA8GA1UdEwQIMAYB
ABCAQAwQgYDVRR0gBdswOTA3BggqSkBAQEBAEADAcKAGCC3GAOQ/FBwBFl/1sdH/Rw08cmVub3Np
dE9yCS8wVklcnVzck.5sdTARBgkqhkiG9w00CAQ0EBAQACAcwDgYDVROPAQHBAQDAgIFGMRGA1Ud
IwQYMBuAFNzK1zDx-ZFv6Idw-DCXrkGN3wIMDEGA1UdHwQjMCgwIqAkoCKGIG08HAA6Ly9jcmww
BHV4VHJic3Q0Uy5SBLjEjTSR0REaY35sMBGGA1UdSwOwBBSNKKMHR3eT5IMkqNO94zS8BTAH8kq
hK6G9w0BAQ0EAAOAAQEAAspxOgEXTfGqHBWMAwDBMIZOHpPocmw320j1lqezO5nDnjGz5g2m
tp5HMpV/xmCjqt092PvYbcHNSU/pP1SjCkyn1066pmzPK0MhgVvPglAgASdXc1NBDQ77cW
u6g5VKQEMZgpxTcsq4mulL9LZ8Y1/czMaWscLIZCB4kccKvqH4+T0hucZuNXzpbvYt
t2M+OG8qOmksu8Kqscel-MgYWrskADKDJZMr4bOksmlccSQtmaXTDugxM0H47MkCz7AuZzW
U6qQjCLBkxUcY73pY0jL1Thr7S64cl12yur+NjHAFZ2DTXwxKq/FQg==
-----END CERTIFICATE-----
```

Signature algorithm: SHA1withRSA

Issuer CN: LuxTrust root CA

Issuer O: LuxTrust s.a.

Issuer C: LU

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

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

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

Public Key:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100C9B157CC0FBC44D9EF94277EB19F019C7E963B72E668B8B8D7D62077D54161C2302E6
331FAA800285DEE01F3B1DE7B934BE17BE19BF07D0E0041F93866773F60F07EBA6E85512F013BD6F23CD8AB40B36A852D8736FD8B1F3A4DD4D3F9DE32EA1D920
560832F4305EF9BCFADE9A199B63CF413F6ACE8478F1104DEF7D0A03F30921AD126BB643A612F7ED61D2038FD35A1F45D7F2C1455182D05E0C835854FEFAA4A2F17
9993B942BE9DC53BF854B4710461003F82E167CB23F5AEC EE13E4FA66E67A22A83AFAFAA07FA88AC0BEA25599B02A424FBD5DFE DD6832DF3AB9B690EFB081A3E2
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	<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).*

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

Service Name

Name [en] *LuxTrust Time Stamping Authority*

Service digital identities**Certificate fields details**

Version: 3

Serial Number: 1003

X509 Certificate

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

```
MIDRDCCAigAwIBAgIQA+swoDOY/KoZlveNAQEFBQAwODELMAgA1UEEBMCFUuFjAUjB9NVBAoT
DUx1cFVhYXN0aW0uYSAxGTAxBG9NBAMTEExIcfRydxN0H0v3Q0Q0EwHhcnMDgwnNjA1MDkyNT10
WhcNMFTYxMDE4MTA0MDMwBjBFM0swCQYDVQ0GEwJMVTEWMB0GA1UEChMNTHV4VHViLjE3Q2Uy
SBjEjEzA0CAQEAyBFXzA+sRNvblCdsZ8BhH6W03LmalJ419Ygd9VBYclw.mMx9KqAKF3u4B87Hec
SNIAX
vbm/B9DuDUH5OGZ3P2Dwt7putVvEATvW8jzYqCzarlJhzb9ux-KtTtT=4y6kgVggy9DBE=bz6
35zZzPPQY9kwr48RBN730KA.MJl60s7ZDnlJ.37WHS44TWO9F1LBRVcx0fMw1Bu/ur-kwF5
mIuLk+ncU7+FS0QRBAD+C4WLLWazul=-T6ZuZ6lqg+vgf6kwl.6VZmwKKI.PvV3+3Wgy3sq5
ipDvstGy4kXdlInQKSeEDN8y71DG30DbGfYd7ac7zwDAQABoHhMHRMA8GA1UdEwQIMAYB
AIBCAQAwQgYDVRR0BswOTA3BggrSBAQEBAQEADARMCGCCsGAQUFBwBBIjodHfRw08ncmVwb3Np
dG9ySsdX80enVzdcSsdIARBBglh2qBbvhCAQEEBAMCAAcwDgYDVROPAQHBAQDAgHGMBSGA1Ud
IwQYMBAFNZK1zDz+ZFc0tdwDCXhKGN34wIMDEGA1UdIwQpMCgwIqAkoCKGIG0H0H0A6L.y9cmwu
hFV4dHJLc30uHUvTFRS0R0aY33sMB0GA1UdSw0BBSNkMHR3R0TdsIMkqN9942S8BTA.N8lqj
hK6G9w0BAQUFAAOCAQEAAspxOpqXTeyGgHBWMAwDBMIZQHhPpocCmw32Uj1lqezOSnDnjG5gDmI
ip5IFMv/xmCkqyO92PyYbcHNSUpP1SjCkyn10e6pmzpxK0MhgVvPglAgASdXcTND0O77eW
u6GzSVKQemZppKTCsyfmalL.9LZ8Y1JzMaWwE.TZC94kccKvYqfH4+T0uzczXTzrjpvY.T
r2M+OG8qOmKwBGkzschl+MgYWrskJADKZM4bOxkxnhz.SQoraX7DugxM0H47Mtc7AuZrW
U6qQCLBkzxcUgy7B3pY0jLlThr7S64cd12yuR+NjHAFZ2DTXwXg/FQg==
```

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

Signature algorithm: *SHA1withRSA*

Issuer CN: *LuxTrust root CA*

Issuer O: *LuxTrust s.a.*

Issuer C: *LU*

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

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

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

Public Key: *30820122300D06092A864886F70D01010105000382010F003082010A0282010100C9B157CC0FBC44D9EF94277EB19F019C7E963B72E668B8B8D7D62077D54161C2302E6331FA800285DEE01F3B1DE7B934BE17BE19BF07D0EE0D4F9866773F60F07EBA6EBS512F013BD6F23CD8ABAB0B36A852D8736FD8B1F8A4D14D3F9DE32EA1D920360832F4305E.F0BC.FA.DF.AA.19.9B.63.CF.41.3F.64.CE.84.78.F1.10.40.EF.7D.0A.03.F3.09.21.AD.12.6B.B6.43.16.12.F7.ED.61.D2.0F.83.D3.5A.1F.45.D7.F2.C1.45.81.82.D6.5E.0C.83.88.34.FE.FE.44.A2.F1.7.9.99.3B.94.2B.E9.DC.53.BF.85.4B.47.10.46.10.03.F8.2E.16.7C.B2.3F.5A.EC.EE.13.E4.FA.66.E6.7A.22.A8.3A.FA.FA.A0.7E.A8.AA.C0.BE.A2.55.99.B0.2A.42.4F.BD.5D.FE.DD.68.32.DF.3A.B9.B6.90.EF.B0.81.A3.E2.45.DD.D6.B8.90.18.AB.04.78.57.CD.F3.2E.F5.0C.6D.CE.74.1A.85.D5.87.7B.B9.EE.F3.8B.02.03.01.00.01*

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

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

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

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

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

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

Thumbprint algorithm: *SHA-256*

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

X509SubjectName

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

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

Service status description *[en] undefined.*

[fr] undefined.

[de] undefined.

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

1.2.1 - History instance n.1 - Status: recognisedatnationallevel

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

Service Name

Name *[en] LuxTrust Time Stamping Authority*

Service digital identities**X509SubjectName**

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *jZCjB90aE3eZTJKrTUPeP80pZAU=*

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

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

1.2.2 - History instance n.2 - Status: undersupervision

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

Service Name

Name [en] *LuxTrust Time Stamping Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *jZCjB90aE3eZTJKrTUPeP80pZAU=*

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

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

1.2.3 - History instance n.3 - Status: accreditationceased

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

Service Name

Name [en] *LuxTrust Time Stamping Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *jZCjB90aE3eZTJKrTUPeP80pZAU=*

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

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

1.2.4 - History instance n.4 - Status: accredited

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

Service Name

Name *[en] LuxTrust Time Stamping Authority*

Service digital identities**X509SubjectName**

Subject CN: *LuxTrust Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *jZCjB90aE3eZTJKrTUPeP80pZAU=*

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

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

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

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

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

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

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

Service Name

Name *[en] LuxTrust Global Qualified Certification Authority*

Service digital identities

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

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

Service Status

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

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

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

1.3.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.3.2 - History instance n.1 - Status: granted

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

Service Name

Name *[en] LuxTrust Global Qualified Certification Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

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

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

1.3.2.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.3.3 - History instance n.2 - Status: undersupervision

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

Service Name

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

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

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

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

1.3.4 - History instance n.3 - Status: accreditationceased

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

Service Name

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

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

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

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

1.3.5 - History instance n.4 - Status: accredited

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

Service Name

Name *[en] LuxTrust Global Qualified Certification Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *NBYb8dNkZ2JMozS8DbNTpHyh8Rc=*

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

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

1.3.6 - History instance n.5 - Status: undersupervision

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

Service Name

Name *[en] LuxTrust Global Qualified Certification Authority*

Service digital identities

X509SubjectName

Subject CN: LuxTrust Global Qualified CA

Subject O: LuxTrust S.A.

Subject C: LU

X509SKI

X509 SK I NBYb8dNkZ2JMozS8DbNTpHyh8Rc=

Service Status

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

Status Starting Time

2012-08-01T00:00:00Z

1.4 - Service (deprecatedatnationallevel): LuxTrust Global Time Stamping Authority

Service Type Identifier

<http://uri.etsi.org/TrstSvc/Svctype/TSA/TSS-QC>

Service type description

[en]

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

[fr]

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

[de]

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

Service Name

Name

[en]

LuxTrust Global Time Stamping Authority

Service digital identities

Certificate fields details

Version:

3

Serial Number:

3803

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIID6jCCAikgAwIBAgICDswDOYIKoZihvcNAQELBQAwRDELMAkGA1UEBmMCTFVxZjAUBG9uVnBAOT
DUxlcjRydXN0IHh0Yy5kHTAbBgNVBAMTTFVxZjRydXN0IEdsb2h0Cm90MjB4XDTYEMDgyODEz
MDE0N010ADTlMDMwNzAsNTUzLWlowEzELMAkGA1UEBmMCTFVxZjAUBG9uVnBAOTDUxlcjRydXN0IHh0
QSk4KDAmbG9uVnBAOTDUxlcjRydXN0IEdsb2h0Cm90MjB4XDTYEMDgyODEzMDgyODEzMDgyODEz
DQEBAAQAAIBDwAwggEKAoBAQC62E7aECoLMA43Rc4Sndp9+MccLg91VPccvB8vHh4SMMUT
IebW013H4CLKscjpa6c50PebXWE9gm2atKRNSmm74pN8y1B8s80iQu8mZpp1x5iDpwqTKJI
iFV5YrH8H0OpX64tGUEmO9hAo4cXW2w88ShwDgc0eNu4SRoXM+mgPqzLeKYD6bEVfw0
PSLcJpCo8ZJL67+M09b6YJMcI6aH5u0XdlYayjvBmKYGSBRcl7YrKnb88rcutH8pmAIT
D8R481d1Fw8kYf6uq4V5ludSCR4E2WURQ9yF1s8cLJf0zaABH80u8v88FyNAgMBAAAGjgdw
gdcwDwYDR0TBAwBgEBwIBADBD8B8NVHSAEPDA6MDgCCuBkWBBAQ6IMCwwkYfKwYBBQUHAgEW
Hnb0dH808vcmVub3pndG9eSsdXh0cnVzdcSsdTALBgnVHQ8EBAMCAOYwHwYDR0jBBgwFAU
FwFwOkJubP085PKWeyNIE8wMeYDVR0BcswTAmcWw4fhaHRuCDwL2N9cSsdXh0cnVz
dC5s8MVEsSQ0EaY3jAMB0GA1UdDgQWBBIvYLGH7yBoNjXV7CIZGUGR08hZANBkqkqG9w0B
A08FAAOCAQEAwRloTracy0uMSS3+gbyT3leTHU10q0ay0m88q3MLjmWhwX06CjIBWuTA06X4o
AEGS0A0FWVleYgZc+swdEzCas0imz9eS86sfVof--TtA68BQOT9bEneC3KJLum080ukWKT
jX5gNfPS9IIPwPbBv4XPIIMH4cpy1dUJ5QRT26xyrnGbs1UExUdhp6S8+P2mmFzUp01NM
xvFaRyE3gKJOVhAutO8QrDUQH48+HmiMVzxAhZr5ux0auyNafqsc00xkMgRkqPrNZQ5LC
hbGZyRv06lg-JH4Ca0k88mmwVyzZnZgBArVc4s8ajUdVw==
-----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:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100BA084EED01E206A0B337C5173848DA5D6FDF8C79E8CBAABDD553DE72F07CB151E2E1240C51321E6D61B5DCT26A18B29C9FDA5A3BAE743DE8575866E09B66942913528A633BE29341858074B1AD2B42E8BC9E965BA75C798A50F0A424E4275883B55E5B62B1FC849D10A57EAEE1C9541263BD87E028F87975B6C12F214A1C0381CD1E36EFB8491A1733E9E03EBA997AD2980FA6C4543C343D22DF089A46C7CD8953AFBF8C974BC1E98FC931C53AC47E6EE97754C9ACA322F06629819205109E2FB62B24A9C1B3C842BAB1DFF299809530DD478F357589085A029863AC6AE15E48B834880917001F6594430723C858BF3A93124CBF3B806C7F28C6ECBC1C5C8D0203010001

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

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

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

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

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

Key Usage: *keyCertSign - cRLSign*

Thumbprint algorithm: *SHA-256*

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

X509SubjectName

Subject CN: *LuxTrust Global Timestamping CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

Service Status

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

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

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

1.4.1 - History instance n.1 - Status: recognisedatnationallevel

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

Service Name

Name *[en] LuxTrust Global Time Stamping Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Timestamping CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *9b8ixh3+8gaDI11ewiWRIBkdPic=*

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

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

1.4.2 - History instance n.2 - Status: undersupervision

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

Service Name

Name *[en] LuxTrust Global Time Stamping Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Timestamping CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *9b8ixh3+8gaDI11ewiWRIBkdPIc=*

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

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

1.4.3 - History instance n.3 - Status: accreditationceased

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

Service Name

Name *[en] LuxTrust Global Time Stamping Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Timestamping CA*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *9b8ixh3+8gaDI11ewiWRIBkdPIc=*

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

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

1.4.4 - History instance n.4 - Status: accredited

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

Service Name

Name *[en] LuxTrust Global Time Stamping Authority*

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Timestamping CA*

Subject O: *LuxTrust S.A.*

Subject C: LU

X509SKI

X509 SK I 9b8ixh3+8gaDI11ewiWRIBkdPIc=

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

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

1.4.5 - History instance n.5 - Status: undersupervision

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

Service Name

Name [en] LuxTrust Global Time Stamping Authority

Service digital identities

X509SubjectName

Subject CN: LuxTrust Global Timestamping CA

Subject O: LuxTrust S.A.

Subject C: LU

X509SKI

X509 SK I 9b8ixh3+8gaDI11ewiWRIBkdPIc=

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

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

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

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

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

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

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

Service Name

Name [en] LuxTrust Global Qualified Certification Authority 2

Service digital identities

Certificate fields details

Version: 3

Serial Number: 4803

X509 Certificate

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

```

MIDITCCAAGAwBAGlCesMwDOY/KoZlhwNAQELBQAwRDELMAKGA1UEBmMCTFUsFjA1UjB2NVBaoT
DUxleFRydXN0HMoYSAhTAbBqNVBAMITFExleFRydXN0IEdsb2hkbC8290MBAXDTE0MDUyODEz
MDkxOFoXDTIwMDUyODEzMDkxOFowTjE1MAKGA1UEBmMCTFUsFjA1UjB2NVBaoTDUxleFRydXN0IFMu
QSkxZABiBqNVBAMITFExleFRydXN0IEdsb2hkbC8290MBAXDTE0MDUyODEzMDkxOFoXDTIwMDUy
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7VgK+LKNXYy--vasXOqWcJZ7oMeA6M4WkjEKWskIb0eF1VW8J66A/ldY7HUSCAwEAABOB2jCB
IzAPBqNVHRMECTDAGAOHAgIAMEMGA1UjE1OjBMDowDA1K4eAQEBKzNwLDAubBqRtjEeF0KcCARYc
aHR0cHM6Ly9yZXBvc2l083f5tms1eHRydXN0Lmvs1MAsGA1UjE1ODQwQAwBBBqNVHRMECTDAGAOHAgI
FYWJCS8kh28HRv8pZ5g0gTzjAyBgNVHR8EKzpmCgJuaAhhfodHRwOi8vY3JlLmvs1eHRydXN0
Lmvs1Lmvs1Lmvs1eHRydXN0Lmvs1eHRydXN0Lmvs1Lmvs1eHRydXN0Lmvs1Lmvs1eHRydXN0Lmvs1
CWUAA4BAQCBlOXYTOM8853+Oq49NENBFTcpohYLywsg8sbbs8OPARLmvs1eHRydXN0Lmvs1Lmvs1
R78EYp9S9ASxqf15EgFADE022+qgSGNpOVloir-WCC4k198kyOvypqzZAPEEe1Vxadjhw
sdRFT+aYmdu1o4GGNGTub--s6kLUvNmsWbhrvc2j9Y0qGhu9WUj55omO-0VdHhwPXf
umhHag4p8u8h5kXYEDFpgNdlfB8q5ULKHNdGcZ5bZVxx8WlqC0BQ1UD1e2koll_Qy9G15U
EraQHx1BbVGA+eSbZc7fpy1Va3K0z76usMSSOB7YU7e0Hq

```

-----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: 30820122300D06092A864886F70D01010105000382010F003082010A0282010100C45A7AD207A8E5E5D1C31DB55B81DD2B4F9434DE9DE1CC81E9E9E16FF9BB81A298511311DCCB23F42E8978083D1FA4DC0FF2693DD1A3556A511191E20A11DBD63662CD52D24C96F4E3452B0C831E6DAD53A9F24E7C7D8533430E40380CC359B9FD4228D0C9EF169369ED6E8402E522FA0E1A3DE898B4E1E1766524F1AF4CB79A643AD36D25A905A07824550A575A751CBB84A0167A639F80CB8A96CE1CE7EE3A3CD58F12DA0F9C0FA9E9E68E984869EF0F44B448EE30B44472EF-D1B74DCF0DFC718B6BAC9D26F576340899810BFD1E88ED580A9A949D05DC8EBDAB173AA59C959E831E03A88CB785A48C42966B0A7FAD1E165556F09EBA9C0FF21D63B214B0203010001

Basic Constraints IsCA: true - Path length: 0

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

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

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

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

Key Usage: keyCertSign - cRLSign

Thumbprint algorithm: SHA-256

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

X509SubjectName

Subject CN: LuxTrust Global Qualified CA 2

Subject O: LuxTrust S.A.

Subject C: LU

Service Status

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

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

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

1.5.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.5.2 - History instance n.1 - Status: granted

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

Service Name

Name [en] LuxTrust Global Qualified Certification Authority 2

Service digital identities

X509SubjectName

Subject CN: LuxTrust Global Qualified CA 2

Subject O: LuxTrust S.A.

Subject C: LU

X509SKI

X509 SK I 75a/fWU6VbTScPgM7Eri8ycGmlI=

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

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

1.5.2.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.5.3 - History instance n.2 - Status: undersupervision

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

Service Name

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

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA 2*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *75a/fWU6VbTScPgM7Eri8ycGmlI=*

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

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

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

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

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

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

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

Service Name

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

Service digital identities

Certificate fields details

Version: 3

Serial Number: 372465138737086689258246113329755871041849896622

X509 Certificate

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

```
MIIUccCBBFgAwIBAgIUQ3GjCjTHYY4E6A4jIub9qWQDYkZlcBveNAQELBQAwrjELMAK6
AIUEBMCFFuxFJAUbeNVBAoMDUx1eFRydxN0lFMcQs4HzaDbgNVBAMMFkx1eFRydxN0lFdsb2Jh
iCBsBzN0lDwHbcNMTUwMzA2MTQzMjE1WmcMzUwMzA2MTQzMjE1WjBOMQswCQYDVQQGEwJVTEUw
MROkGA1UEGmNTHTH4VHJlZ3Q5SjE1ZW50MzA2MTQzMjE1WjBOMQswCQYDVQIDEXBjE1ZW50MzA2
MzBjOzA2MTQzMjE1Wm9BAQEAOCABAgMIIICgKAgEAuZSxSmF8p8gWb0kicYsImc
ylo3QYg-XA3NwH6Q0BpZEG9uS8pM7VMLeSz98g50HaP4YVthkEkvAW2NuNXXOh6HhK4
Nye4kFwNjWlHmlZcT9Sefk17lNoWk44znjVZAL1NgvEhIIndkcePWOKSjVMe9CSem
czbmezW1/XcspMSJJDZ3+0DgVCYskik+h5sAQ8qXbQlQyvymG6QyOq8uE23awRMWNWk
+sjzOKPAAODgEEVdggzzndL8M04CSjellLlYxgEjler9bKR9wW8akarelZsn9uCdibGXGyC5m
9jssC7KAnVysgljBFAwS0CnseQs-C7S1uoor8b8mAcu7VBRG65YlYsVv7p6cc3IMVOKAM
LsVv3kqZK3qVAVFjPXtPuzY2GpVGHu0mz8m8pccXymAIPKNeZEVVM3MctrogE1M2TG
FN7ov7ndIyodN60bTADnvaKjZC2cWkCjMqyVlucKrvuXhdZrRm3BZrghGhuQmG0TirTVVC
l0WZjVhHsFpLccOe-DYWymKkqplmrXdaFzRcc7FhEk69WzV9W9Kmbll/canuaeI44V64
MvYyAiz5Al7j4lRQghPPU14qumC6dEh84uV40L6VwTUZcAWEAAnOCALUwegfKMBIAG1Ud
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9w380q3ZOUKtPzoztYeyUlp8gcgv7E5Ql0khtfz-1zBzBrucJwNaxYlyJBS1VNOUnVf+
N2kGjB29Wd2YOCakWxsmldrShA46TpNee0eroWgZoOdN0hmlZd8YBSJXZkU9sCAww5
vA1H6ZzHhm81mVJ2G6ymk4CFv10zG0m5ncQmncsasEtuXmGz3OPCRij5e
y3pLRegbLxkWoOkmTgWDLIVZwE5ZL8d550KlgrYqX81LWGSdDpnceVQEzrk16-Reb
AQ==
```

-----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: 30:82:02:22:30:0D:06:09:2A:86:48:86:F7:0D:01:01:01:05:00:03:82:02:0F:00:30:82:02:0A:02:82:02:01:00:B9:9E:62:5D:29:85:6C:FF:34:81:66:F4:92:27:98: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:EA:72:B8:37:27:BE:90:1F:88:36:3A:5F:00:79:8B:7E:DD:C6:4F:DE:5E:F9:FA: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:D3:31:CF:42:81:27:A6:79:96:E6:79:85:85:F1:13:DE:AA:89:4C:4B:B2:48:0B:9E:DE:38:15:09:8B:0A:20:4F:9B:DE:C0:4F:52:2A:97:6D:09:50:CA:FC:A6:1B:A4:32:A1:0A:09:6E:E1:0F:DB:78:9A:C1:13:16:28:D5:A4:FA:C8:F3:5A: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:C9:4E:A6:B7:8B:66:C9:FD:B8:20:E2:84:65:C6:CC:2E:66:F6:3B:1E:19:8D:4A:02:79:55:F2:EB:0B:8C:11:40:89:6E:4E:9A:7C:3A:0F:82:3E:C5:6E:72:84:61:4B:AB:AF:5D:CB:BB:56:DD:1D:1A:8E:72:F2:B0:09:56:FE:EC:3E:A7:31:86:53:2F:40:A0:0C:2E:F8:95:8B:79:29:85:92:8F:7E:A4:8B:01:51:49:A5:74:E9:BA:76:36:19:A:C8:19: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:FF:31:94:C6:14:DE:E8:BF:B9:F4:D7:2A:1D:37:A3:A1:7D:30:05:69:CB:DA:29:F8:F6:0B:60:B0:74:22:6F:32:AB:E5:52:ED: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:D7:75:A1:73:61:17:1E:EC:5A:C4:93:AF:49:5B:35:95:A7:FF:7F:18:A9:E7:6F:4F:FF:71:A9:9A:BC:46:88:E1:5E:BB:31:5C:58:02:2A:F9:00:BF:E3:ED:09:20:EA:A1:3C:F5:35:E1:A8:F1:98:2E:9D:10:7F:38:82:E5:6C:D6:BA:3F:77:05:35:5B: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://ltragroot.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 *[en] undefined.*
[fr] undefined.
[de] undefined.

Status Starting Time

2018-04-06T13:00:00Z

1.6.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.6.2 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

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

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

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

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

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

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

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

Subject CN: *LuxTrust Global Qualified CA 3*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *Y4/CiwOxq47YU0eWHZmoffasqHU=*

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

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

1.6.6.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.6.7 - History instance n.2 - Status: undersupervision

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

Service Name

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

Service digital identities

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA 3*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *Y4/CiwOxq47YU0eWHZmoffasqHU=*

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

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

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+8gaDII1ewiWRIBkdPlc=

Service Status

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

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

Status Starting Time

2017-02-17T00:00:00Z

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

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

Service Name

Name [en] LuxTrust Global Time Stamping Authority

Service digital identities**X509SubjectName**

Subject CN: LuxTrust Global Timestamping CA

Subject CN: *LuxTrust Global Qualified CA 3*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

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

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

Public Key:

```
3082 02 22 30 0D 06 09 2A 86 48 86 F7 0D 01 01 05 00 03 82 02 0F 00 30 82 02 0A 02 82 02 01 00 B9 9E 62 5D 29 85 6C FF 34 81 66 F4 92 37 98 B0 89 9C C8 8A 37 41 88 3E 5C 0D CD 97 01 FA 42 D2 34 3E 06
44 1B D7 52 A3 CA 4C ED 53 08 CC 4E 73 AB CB 60 27 9D 07 9C F7 58 7E 5B DF 86 41 0A BC 05 B6 36 E3 57 EA 18 BF E8 72 B8 37 27 BE 90 1F 88 36 3A 5F 00 79 8B 7E DD C6 4F DE 5E 19 FA E4 FE DE E1 24
DA 2B 2E 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 42 B1 27 A6 79 96 E6 79 95 B5 FF 15 DE AA 89 4C 4B B2 48 0D 9D FE D0 38 15 09 8B 0A 20 AF 9B DE C0 10 F2 2A
97 6D 09 50 CA FC A6 1B A4 32 A1 0A 09 6E 1F DB 78 9A C1 13 16 28 D5 A4 FA C8 F3 3A 43 C0 01 00 ED 80 41 15 76 08 33 CE E7 4B 48 CD 38 0B 90 A3 78 B9 4B 62 E5 E0 96 39 5E AF D6 CA 46 4F 70 5B
C9 E4 6A B7 BB 66 C9 FD B8 20 E2 84 65 C6 C8 2E 66 F6 3B 1E 19 8D 9A 02 79 55 F2 EB 0B 8C 11 40 89 6E 8E 0A 7C DC 3A 0F 82 2E C5 6E 72 84 61 4B AB AF 5D CB BB 56 D1 D1 1A 8E 72 2F 2B 09 56 FE EC
8F A7 31 E6 53 2F 40 A0 0C 2E F8 95 8B 79 29 85 92 98 7E AS 4B 01 51 49 AS 74 E9 BA 76 36 19 AC 95 19 FF EE 3A 9C CD A2 24 91 AS CC 71 62 39 80 94 F2 8D 79 38 17 56 3E 4C 73 4C E8 5E 04 FF 31 94 C6 1
4 DE E8 BF B9 F4 D7 2A 1D 37 A3 A1 7D 30 03 69 CB DA 29 F8 F6 0B 60 B0 74 22 6F 32 AB E5 52 E0 8A AE FB 97 6D D6 6B B5 19 B7 05 95 EB 82 11 A1 B9 09 86 D1 38 AB ED 55 42 23 45 99 8D 58 F2 1E CD
AB A5 47 02 43 AF 83 D5 6C A6 2A 1C E9 D2 6A D7 35 A1 78 61 17 1E EC 5A C4 93 AF 49 5B 35 95 A7 FF 7F 18 A9 E7 6F 4F FF 71 A9 9A BC 46 88 E1 5E B8 31 5C 58 02 2A F9 00 BF E3 ED DE 09 20 EA A1 3C
F5 35 E1 A8 F1 98 2E 9D 10 7E 38 82 E5 6C D0 BA 3F 77 05 53 53 3B 02 03 01 00 01
```

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

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

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

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

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

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

Key Usage: *keyCertSign - cRLSign*

Thumbprint algorithm: *SHA-256*

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

X509SubjectName

Subject CN: *LuxTrust Global Qualified CA 3*

Subject O: *LuxTrust S.A.*

Subject C: *LU*

X509SKI

X509 SK I *Y4/CiwOxq47YU0eWHZmoffasqHU=*

Service Status

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

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

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

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

Public Key:

```
30820222300D06092A864886F70D010105000382020F003082020A0282020100DEAF1E537ED31C8CDB6CA9556DA4940E3062F9970840FD1B55417934AB10E559E725
20D79A83B3A860F08F41618387658906FCF46918EA DD0980412D7471A3E3A6D16D D78C9EF37D EE03A82519591025766255C3AA7D F0A50A D53C0F4BDAFAF E4179038
EEAF F8686A7B9837F95E8D74490AC16E E91F E1DC097FA38039AC A23B77B597A025D559357FC04386A74D238A8D31A9B428158FHE46D4CCBS74C3A3AF41BF6A1C49
17EBD57E1DFF7623125D97CF C2E2CE DA8353D33341900C0B32396C517D F3511C44F61C965F F0730763E74A13FC E45820E58A6E05C1D4B751EC D7601F14E0A0DF678A
867761BD19DEA2445D5962380A8A030D E208E985A209A522942660674A596846329D F9512A12E064530509C86421FD F363D7F9A23380444C B4FE5E A5D638EK B704B
5947A275E590EAS A0D8D2D0089DA671B53F85F39A1D77C816D916BCAC2B370609F0501C6FC8DDF13A02B9D7C59ED8A11558CC02BD B43C8A85A16223BFAFC3205
9C1955FE BFCD26D1963CF5F6807060E91FC099D907927294C7E8E5B52662207C553E06D3F5FA B7808D6F911D4CB7E D35CE2A7A71009A2652151510C4890E4C3B5838
50EF77426200218C83D111220D9099F1012320E2B0C32A525BC3FFA974524091F5863FC337018619033FE275B9DD8F5C7C80722943A9D6FA10D82C911A015E7C238A0E
401426EF791CC2F24768E9575CC E9390D0203010001
```

Basic Constraints IsCA: true - Path length: 0

Certificate Policies Policy OID: 1.3.171.1.1.1.10.5

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

Policy OID: 2.5.29.32.0

Authority Info Access <http://ltgroot.ocsp.luxtrust.lu>

<http://ca.luxtrust.lu/LTGRCA2.crt>

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

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

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

Key Usage: keyCertSign - cRLSign

Thumbprint algorithm: SHA-256

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

X509SubjectName

Subject CN: LuxTrust SSL CA 5

Subject O: LuxTrust S.A.

Subject C: LU

X509SKI

X509 SK I CZdFjhOsaxvH0FM9F7FwQzGbxk=

Service Status

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

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

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

Subject 2.5.4.97: VATLU-20976985

Subject O: LuxTrust S.A.

Subject OU: LuxTrust Seal and Signature Validation Service

Subject SERIAL NUMBER: 00165048535502354226

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

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

Public Key:
308201A2300D06092A864886F70D010105000382018F003082018A0282018100EBD704C3C28B80E4868F2DB122D876441AC2CF A3456B94D415F3E7644A0C9239D9DA5B4B68F9AD26AB82A81F1B0C358A8C47278C5CA2A91811635AD4C3E51383F3AD427965DC25922BE3C9411B9E546B7E3DE1203CB9FB5D14840524083092C08F1870637F7440F4E01F0112381C662576592126C4B01933A645E47DEC6118286790AFB668121E966C028F2C794543F736BB87795A D5C11B12CD907BAFC548C9EC239336E1DB161E97826A569193FE9F2C4D6EE0B758A02EE8C531229D74264A235590313A418501A B326957131BC7CE54ED079DE158DBEFC2AF0F3DA3062AD764BF72F341EFCF6C14E7FC53D98C55F1CC4FD4D0BFD68EDC656B8548D34294F9180E3CCA42E804D15B56A3A9BD93E013B3E3453851D F1E942FC61CF7D104878FD11A8782F501A9F00C8A014FC43AA2679F6FFD2DD98948802D4D5CA3ECD85F6C0F48E255F0E453CF767C07E557C876118E7BF980581735D1CD7BBB6F1DE9D3AD334C4EB5E40EEF885FE6852CFCA957B00B78423710E2B38CBDDF8B1C33F79CD0203010001

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

QCStatements - crit. = false
id_etsi_qcs_QcCompliance
id_etsi_qcs_QcSSCD

Authority Info Access
<http://qca.ocsp.luxtrust.lu>
<http://ca.luxtrust.lu/LTGQA3.crt>

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

CRL Distribution Points
<http://crl.luxtrust.lu/LTGQA3-33.crl>

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

Basic Constraints
IsCA: false

Key Usage:
digitalSignature

Thumbprint algorithm: SHA-256

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

X509SubjectName

Subject CN: LuxTrust S.A.

Subject C: LU

Subject 2.5.4.97: VATLU-20976985

Subject O: LuxTrust S.A.

Subject OU: *LuxTrust Seal and Signature Validation Service*

Subject SERIAL NUMBER: *00165048535502354226*

X509SKI

X509 SK I *Q7mFrmX6TLU=*

Service Status *http://uri.etsi.org/TrstSvc/TrustedList/Svcstatus/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 *2021-01-22T17:00:00Z*

1.10.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

URI	<i>[en]</i>	<i>http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSignatures</i>
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1.10.2 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

URI	<i>[en]</i>	<i>http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/ForeSeals</i>
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2 - TSP: SeMarket Certification Authority S.A.

TSP Name

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

TSP Trade Name

Name [en] *NTRLU-B0132166*

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

PostalAddress

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

Locality [en] *Munsbach*

Postal Code [en] *L-5365*

Country Name [en] *LU*

ElectronicAddress

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

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

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

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

TSP Information URI

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

2.1 - Service (withdrawn): SeMarket Qualified Certification Authority

Service Type Identifier

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

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

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

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

Service Name

Subject O: *SeMarket CA S.A.*

Subject C: *LU*

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

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

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

Scheme Service Definition URI

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

2.1.1 - Extension (critical): Qualifiers [QCWithQSCD]

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

Criteria list assert=all

Policy Identifier:

Identifier *urn:oid:1.3.6.1.4.1.25969.8.2.1*

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

2.1.2 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

2.1.3 - History instance n.1 - Status: supervisionrevoked

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

Service Name

Name *[en] SeMarket Qualified Certification Authority*

Service digital identities

X509SubjectName

Subject CN: SeMarket CA Root

Subject O: SeMarket CA S.A.

Subject C: LU

X509SKI

X509 SK I 87dhyhzwq6SpDcQJ4Zq6g48MkOA=

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

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

2.1.3.1 - Extension (critical): Qualifiers [QCWithSSCD]

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

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

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

urn:oid:1.3.6.1.4.1.25969.8.2.1

Description

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

3 - TSP: BE INVEST International S.A.

TSP Name

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
-------------	--------	--

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

3

Serial Number:

10046

X509 Certificate

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

```

MIIGUzCCBDeGAWIBAgICZ4wDQYJKoZIhvcNAQELBQAwUjE1MAkGA1UEBmCRlRlEDAOBgNVBAsT
B0FUMTUyVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEz
Q0EwIHdnMTMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMw
B0FUMTUyVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEzVWVhZmEz
R0EwIHdnMTMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMwMDMw
MA0GCgSIB3DQEBAAQAAIICDwAwggKAAoCAQC7ncP4M45VoEzMcgl7LGlEa9P5N9RWIkvR
HfdezY0geuL9mKcDwcbAOIRnqysSmCkIMW5xYDQDRaqZ5pppWD-jasCKaIAZAFNe-Yta
itrSPA76rbcMocqJVE7LxDMxhYVdqJusGLX5xp36GHqL3VcWKGStwVwDjCm8jCnRipYzI2Bm1
ZVgBNJzZRVQTKWZwKGHbYkPbZyGyqVn+LxIOG7RiAsRRNXNbyM3wETHA0xqAapp5
nU56Wt8SKqfHqgPehy4HrzgmQ0kcy9LkKwumh0FyDYjmyWysuB05X0L2DXZYMO7ZCC
wYXfEgqPM6BYF5yKdC176qPeeoZk4yPQmMkcaZIBjOAZ8USRYdHfVWVXVIGT3p
gsgngMIY7tpuAN6DyNsjHjPQSOHlUaaoMddblwF8pDQmIAAAwHJh2HfpmcK8yCNPvMwg
ZhwWuhGwZXOUZcXN5W5f5aafVatum598SC5UEtprZZLHKpAa0Kms0m08B5AcCQK0BSanIqX
Voa4ZPqgl5xVhCwblUC606swIEsKMy5LZv8GgGlamkL3VhL2CSH5sZTRYGtU/Gz
Y6yDuzMDQSKewHmccLXZzoQgDBpKkYZIwIDAQAo4IBADCBTAPBgNVHRMBA8EBTADAQH/
MB0GA1UdDgQWBBRVcGaiwQAMZMmPSVhUADNFTAZBNVHSAEJAOM4AGDc4B8gFODAlpAQcD
ATAZBNVHSMEGDAWgBSBYE2qSPOLLvqjWvobylmBvVxTBEBgRgBfBQcBAQOAMDYwNAyKwYB
BOUHMAGKGB0bH6L99wa2kuYWatzX5cy5h20vYWatzX5c3v05rYNSjZXWdgyDVR0PAAQH/
BAQDAGEMDKGAlUdHfVQMDAwLAsscQcKGB0bH6L99wa2kuYWatzX5cy5h20vYWatzX5c3v
b3RjY55cmwDQYJKoZIhvcNAQELBQADGAIChGJ3YVpWVWp8V4Zr-mvuvD67NHYcBV7OGH
UmaTweLuAQeFStxdlUrfWw9l7GND1G3GwaBjYnguBjlf6pZnlL8SS30komsBNwoA8RkVxb
e4E6dzhR04q-W5wCkpnthZrMv47DwGZMjQEMQcZabsculn247ZRAVeXt50mrry0wB
PVsXOUgq-WtBthL9SP6PSLElQqNPYJvclUwHdVr7RzompJK65Vop8BjQuemXjFid6W
CfDUhQ+Uajx2+5FwmnOfculAJFNgLxIMDEhs9z4hCkxHow9B93-OIRBkj3xyjKc9O7r
IMJ85YSQ8wG4VtU95hNIB9Fz-VIMQIA9Z0wGfBkwehZUNZyG636Cg8VTPMDN1hZq0
93TnWAS9uTjmyZkxyCCc78wY4BstQaaYdRvGkLUcmD8RR1B0KdaNpIcgeCP6AozNlmmAS
0XVp41Z9WjgIB-H6wjoD+Hk1P7Z8bR1FovSulCk8vno907LbVuygKlCkaiYz3zAhP1Nk
ImhC8H88AS60w+4HfKQMAHs74EzTEEN25+0045NwLKaQ2b0vRZzEAp3EmmSdlDw4
IQZLUQsq-R14fKCSrSYF5KnaSGWHRBZKQ

```

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

Signature algorithm:

SHA256withRSA

Issuer CN:

ALMERYS ROOT CA

Issuer OU:

0002 432701639

Issuer O:

ALMERYS

Issuer C:

FR

Subject 2.5.4.97:

VATLU-LU29222134

Subject CN:

BE-YS SIGNATURE AND AUTHENTICATION CA NC

Subject O:

BE INVEST International S.A.

Subject C:

LU

Valid from:

Wed Oct 30 15:05:46 CET 2013

Valid to:

Mon Oct 30 15:05:46 CET 2023

Public Key:

```

30820222300D06092A864886F70D01010105000302020F003082020A0282020100BR9D:C3:CD:ED:F9:56:81:1C:31:E8:25:EC:B1:B5:68:46:89:F4:F4:8D:44:56:96:4B:D1:1C:F7:5E:CD:84:2A:
72:A2:E8:F4:C9:1C:FC:3C:9C:6C:04:35:44:DA:AC:C9:29:EB:0B:1D:4C:59:2C:58:0C:44:03:46:AA:17:67:9A:69:C9:60:FE:C8:9A:3C:FD:79:F5:68:0E:F7:00:53:5E:F9:88:B1:7F:1A:D2:3C:0E:C3:EA:B0:5E:32:87:20:25:51:3
B:2F:10:C:C6:1A:95:0E:AC:48:BA:CE:8B:5F:9C:69:DF:A1:87:82:A2:F7:56:B5:86:29:2D:70:57:00:C9:0A:6F:23:0A:74:6D:A5:88:B6:20:19:B5:65:5A:81:34:9A:F8:65:15:50:4E:45:9F:D9:69:2D:1A:21:DB:C8:AA:4D:06:0
C:D8:19:8A:88:56:7E:3E:2F:17:CE:1B:B4:62:03:14:51:96:45:ED:36:1C:8C:8B:7C:04:4C:70:54:CD:DA:80:85:AA:79:80:4E:7A:5A:03:92:2A:A1:E3:E2:00:4F:71:BA:BF:10:7B:38:64:0E:7D:CC:AA:F4:B8:5D:5E:4C:2E:
A2:73:34:5B:98:0D:88:E6:89:66:29:4A:E0:4E:E5:74:17:2F:60:D7:D9:83:0E:ED:96:42:C1:85:E3:14:6A:BE:3C:F3:01:63:B1:6C:C8:27:45:09:3E:BB:1A:B3:7A:86:5D:2B:8C:8F:C9:0A:DA:31:C6:99:B4:19:7C:8C:E7:59
8B:C5:12:45:87:5F:94:5B:D6:4C:65:57:AE:D1:93:23:7A:7F:82:DA:AC:9E:03:35:61:3E:A9:B8:03:7A:0F:23:6C:8E:31:E3:88:F4:39:40:7D:6E:69:AA:0C:75:D6:C9:73:01:7C:A4:34:26:20:00:00:00:72:61:FF:68:47:E2:97:A6:7
0:A7:3C:8C:23:40:BC:20:B7:69:D6:0C:9B:88:19:66:57:41:40:9C:5C:DE:56:E4:5B:1A:75:50:2B:BA:0E:7D:47:90:AC:50:4A:73:09:90:5A:1C:6A:67:02:DA:03:0A:64:80:43:87:3C:05:20:1E:43:72:8E:05:26:A7:4E:A8:D7
:56:88:BB:E1:93:F8:82:CS:59:CS:58:42:7F:08:54:0B:A7:E8:B5:2C:2F:94:4C:7F:28:C6:2C:88:8C:D9:BE:DF:06:80:69:5A:98:9B:37:2F:36:25:BA:5D:82:48:47:62:B1:94:D1:60:6B:98:50:67:63:63:AC:82:22:59:30:34:12:28
4C:07:9A:27:33:2D:7F:D7:66:83:A0:0C:18:EF:2A:45:D9:D7:02:03:01:00:01

```

Basic Constraints

IsCA: true

Subject Key Identifier

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

Certificate Policies

Policy OID: 1.2.250.1.16.12.5.41.1.7.3.1

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 *cVRnGiMDlzGf6zJ3z0IYVP8QzRU=*

Service Status

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

Service status description *[en] undefined.*

[fr] undefined.

[de] undefined.

Status Starting Time *2019-02-20T01:00:00Z*

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

Qualifier type description *[en] undefined.*

[fr] undefined.

[de] undefined.

Criteria list assert=all

Policy Identifier:

Identifier *1.3.6.1.4.1.48620.41.1.7.3.1.1.1*

Description

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

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>

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

Service Type Identifier

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

Service type description

[en]

A certificate generation service creating and signing qualified certificates based on the identity and other attributes verified by the relevant registration services.

[fr]

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

[de]

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

Service Name

Name

[en]

BE-YS SIGNATURE AND AUTHENTICATION CA NC 2

Service digital identities

Certificate fields details

Version:

3

Serial Number:

10055

X509 Certificate

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

```

MIIGVjCCBD6gAwIBAgIC00wDQYJKoZIhvcNAQELBQAUFjELMAkGA1UEBmMCRjIxEDAOCBgNVBAoT
B0FMTUVSVWVAMzEzAEBzNVBAstDAwMDglNDMvNzAnMSMRgwFgYDVOQOEw9BTEIFUIITIEPT1Og
QOEwhlhcNjAwNDZAMTEoTzWbcNMzAwNDZAMTcoZlZwJChBbJELMAkGA1UEBmMCRjIUEBMMCTF
UJUTAJBgNVBkoTEHEITIEVOAVVFBMkclcn3Sk6OhwHsfWooQSAzAaEgNBVAAMTKJLVTITFUBRSB
VFSRSBBTKOgOVVUSeVQVEIDORJTBgQQ0EgTKMeMEZMBGGA1UEYRMQVAFUTUFTUyOTyMjEzNDZD
AWhwDQYJKoZIhvcNAQEBBQADggEPADCCAgogggIBAMITXUZZ0M4wcaPUL708s1WposWT-GBV
dhw1WzNxpP47g5ohioQoZamf8k899kGmTfBRVByIghiczzinlontuicBHTKRkXDrZ9
WB2g3HM0rQRDjgnaAqPRlRaFzZIEZepfjsoelkLOSK8R8sxAEGS2IM6BI7lpssfjMz5W
BSHqZnk7MZmpOJTWPNWAAyEUCd=sq236CZUCfagKkRB3akfBotT7WQYAh50tYfFRDJAJ2EwE
DzORByWgdcWzrl0vjksaVSS800MMDngXHL8DVAjrdm2N04R0AZZ3U0tY4eRkByMUld
PjAW/OPpfcw0VFzBZTbwY0auFXbOn0NVJA3ZKzVVRPJuxxTfDlAgmbpVpWxLArjo0ByZKh
8wcd4U4mraqQ6NeKcc9mHf6ggajDpuLZA6Cm9PLNID+mWCSAMeg9SZ00QvrRpluILLaaf
QnfcfmrgefsvAlmfZpm235jAmalIDVX1W067TLAAMNCK360tOPQ2wWuLdZlDz0X5w
qPrXozmmHVdCyzZc0hVf0c7v78DVLxRameRyVaawMKLOsXag0o0cluh4YZN1g6DAtmd
76=IzqymimQo=ZLUNwSFGTQAWYlotFZ1H26VAgMBAAQGGGE6BMH+MARGA1UdEwEBwQFMAAMB
A0BwIQYDYR00BVEFEEDRM5Qz+ITJRD4676TJSEIaCkMBoCA1UllAQI0B6wDcyKsvYBBAQC=2np
A0cDAjAlBgvNHSMEGDAWgBS0YEz8pOUvqioWvohvLmBvVxTBEbgerBgeFB0cBA0QMDYVwNAYI
KwYBBQUHBMAKGG6m0dHAgI9wazkYwAZzA05cy5j20v1WAZzA053v03RjYSSZLNWdgYDVR0P
AQHBAQODggEMDkGA1UdHwQ9MDEwLjIzNDZAMTcoZlZwJChBbJELMAkGA1UdEwEBwQFMAAMB
c3v03RjYSSZLNWdgYDVR0P
MIIGVjCCBD6gAwIBAgIC00wDQYJKoZIhvcNAQELBQAUFjELMAkGA1UEBmMCRjIUEBMMCTF
UJUTAJBgNVBkoTEHEITIEVOAVVFBMkclcn3Sk6OhwHsfWooQSAzAaEgNBVAAMTKJLVTITF
UBRSBTVFSRSBBTKOgOVVUSeVQVEIDORJTBgQQ0EgTKMeMEZMBGGA1UEYRMQVAFUTUFTUy
OTyMjEzNDZD AWhwDQYJKoZIhvcNAQEBBQADggEPADCCAgogggIBAMITXUZZ0M4wcaPUL708
s1WposWT-GBVdhw1WzNxpP47g5ohioQoZamf8k899kGmTfBRVByIghiczzinlontuicBHTKRkXDr
Z9WB2g3HM0rQRDjgnaAqPRlRaFzZIEZepfjsoelkLOSK8R8sxAEGS2IM6BI7lpssfjMz5WBSHq
Znk7MZmpOJTWPNWAAyEUCd=sq236CZUCfagKkRB3akfBotT7WQYAh50tYfFRDJAJ2EwE
DzORByWgdcWzrl0vjksaVSS800MMDngXHL8DVAjrdm2N04R0AZZ3U0tY4eRkByMUldPjAW/OPpfc
w0VFzBZTbwY0auFXbOn0NVJA3ZKzVVRPJuxxTfDlAgmbpVpWxLArjo0ByZKh8wcd4U4mraqQ6NeK
cc9mHf6ggajDpuLZA6Cm9PLNID+mWCSAMeg9SZ00QvrRpluILLaafQnfcfmrgefsvAlmfZpm235jAmal
IDVX1W067TLAAMNCK360tOPQ2wWuLdZlDz0X5wqPrXozmmHVdCyzZc0hVf0c7v78DVLxRameRyVaawMK
LOsXag0o0cluh4YZN1g6DAtmd76=IzqymimQo=ZLUNwSFGTQAWYlotFZ1H26VAgMBAAQGGGE6BMH+MARGA
1UdEwEBwQFMAAMB A0BwIQYDYR00BVEFEEDRM5Qz+ITJRD4676TJSEIaCkMBoCA1UllAQI0B6wDcyKsvY
BBAQC=2npA0cDAjAlBgvNHSMEGDAWgBS0YEz8pOUvqioWvohvLmBvVxTBEbgerBgeFB0cBA0QMDYVwNAYI
KwYBBQUHBMAKGG6m0dHAgI9wazkYwAZzA05cy5j20v1WAZzA053v03RjYSSZLNWdgYDVR0P
AQHBAQODggEMDkGA1UdHwQ9MDEwLjIzNDZAMTcoZlZwJChBbJELMAkGA1UdEwEBwQFMAAMB
c3v03RjYSSZLNWdgYDVR0P
-----END CERTIFICATE-----
  
```

Signature algorithm:

SHA256withRSA

Issuer CN:

ALMERYS ROOT CA

Issuer OU:

0002 432701639

Issuer O:

ALMERYS

Issuer C:

FR

Subject 2.5.4.97:

VATLU-LU29222134

Subject CN:

BE-YS SIGNATURE AND AUTHENTICATION CA NC 2

Subject O:

BE INVEST International S.A.

Subject C:

LU

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

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

Public Key:
30820222300D06092A864886F70D010105000382020F003082020A0282020100CB535FB519E8C278C1EE1A3EE2C8EE7F3FB13C29A39593F86055761F6D6D56CD7361C4
FE38E9F62882B10B90DAE9B4864A3BD7F8C463CB4595E291081BES82111CCE27E7D229F4BAD701ACB4D83245DD86B67D581D97AB71CC02BD104438E99E401D3D
J2D1685DA265F13305EAF3E7A57E42CEEAFAE11EAACC40106481D9F34833A075EE5A7FB317E3320E560521EA4E64A4EC6589A93930703CD580698114783FF824CC
1EB6502160C4AFD107768AF05068FB4D6418021DF7A38631151749023D84C040F33BC3D7BD681D796CDFC14BE392C68DB784BCAEB0C257BEAED71CB6C3575023
A9D9B6350778068F576778B796EE1875CF41289C8C5270ED3E38405BFD0FA6BE9CC34545073053FE1C32D2EB855E13A7374355240DED64ACD5551E3551C3515D2F18
266E95695B12C0AE3A1087267F2A1F3079DFF85389F18AA405A0D7A491CF489C7363EAF81AKC3A6E4D903A2029BD8FD50DD43FA658248031E82CF59774FD0BEB469
52ED4B20069F4271467859C678F7AF01F982669BEB9FC2766C48E49AE5035F57D66B4E4BR4CB03130D08D2B7EADAR21A3436270696BA22D675943CAD5D2C3FAFA
D7A359A71C955B80CCB6CDEA1BF217ED1ACEEF77C0C954BF145A99C47255A6B03242CEB17C6041AA1F709BA1E3F61935483AB0302B9DD4EFA566ABE3988990
BE9598943704BD1464E4D400598281735351E3E950203010001

Basic Constraints IsCA: true

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

Certificate Policies Policy OID: 1.3.6.1.4.1.48620.41.1.7.3.2

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

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

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

Key Usage: keyCertSign - cRLSign

Thumbprint algorithm: SHA-256

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

X509SubjectName

Subject 2.5.4.97: VATLU-LU29222134

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

Subject O: BE INVEST International S.A.

Subject C: LU

X509SKI

X509 SK I QNEzIDbGVP8IHgmDtQVISIBwkr8=

Service Status

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

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

Status Starting Time

2021-06-10T01:00:00Z

3.2.1 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

3.2.2 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

4 - Signature node - Id: id-c227b73798ca4419a886151fae05d1d7

Signing Time 2021-06-10T06:38:37Z

TSL Scheme Operator certificate fields details

Version: 3
Serial Number: 4777626962051723746

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIHF8C C A 9g Aw B Ag I Q k Z a L Z r 8 e l w D O Y K o Z h v e N A Q E N B O A w g Y 4 c C z A I B g N V B A Y T A k v M R A w
D e Y D V Q O H e w k C Z W e 2 Y X v M 0 4 m D A Y D V Q O K E w J T E S B U z E h B N G A I U E C M Y R G i m X R h b C B U c n V a d C B E
Z B h n k Z W 5 0 M t o w O A Y D V Q O D e z F m d X h b W J v d X J n F R y d X N O Z W Q e T G l z a C B T a W d m W s n I E n l e n R p
Z m j Y X R I I d w M j B B M B 4 X D T w M D Q y M j e M z U w M F o X D T L z M D Q y M j e M z U w M F o w g Y 4 c C z A I B g N V B A Y T
A k v M R A w D e Y D V Q O H e w k C Z W e 2 Y X v M 0 4 m D A Y D V Q O K E w J T E S B U z E h B N G A I U E C M Y R G i m X R h b C B U
c n V a d C B E Z X B h n k Z W 5 0 M t o w O A Y D V Q O D e z F m d X h b W J v d X J n F R y d X N O Z W Q e T G l z a C B T a W d m W s n
I E n l e n R p Z m j Y X R I I d w M j B B M I C J A N B g k b k G 9 w 0 B A Q E F A O C A g A M I I C C g k C a g E A j I D s 2 Q Q a
n b t a N 6 i T 8 V i v V 7 y 8 k y S p a S O F - 3 s s S Y h 8 E C e s a 0 R s s y 7 c 2 9 Y I h I n g u l w 5 0 I R T o Z K s
b i P 8 E 3 g v A w I Y X B h m 3 N Q 2 x U m b I I H A 2 3 2 4 D 0 R A 8 0 a k d g v m 5 6 m 0 6 z g U 7 7 W i s e l z F 9 a m Y 2
T i n - Y i D c k T o z J m d w h d V C C V C 7 J v R X H H H u 7 G I z Q 6 b M F I 7 a 0 8 G V 5 0 q m l Y C z R S x o c c 4 Y 5 z v j
5 3 g T W B V F m z p u a k l o w e W s G e Y o V 2 5 W - 9 i n I m w e c z k 2 8 i p M N B K k l q b 9 - i Z E S w 9 0 R 4 Z X 9
j 5 W B n Y 1 k V W Z H O - Q H D F R g k X M Q U 3 y v Y s m B d d z k z o l e a F H w v g i m F K s z v b I n m 7 V v h 2 W i F
N n k - T I L O y X h R A a Y O 4 i m m e + R D N r Y M N 5 3 y g n v a q m T Y X P p y O h c a 0 M q W J M o X p X A T g S k e M j G A
z E I a u I S o o B h M F R P O L N S I L i g k i 0 H D H e l P 4 C i C h i B 7 7 7 d S a n Q M 4 Z Y z e z h U Z L O 0 T S 4 e g
g 0 8 8 0 V k X y r i e g M U U V G 8 b e g l W k x X 4 g f + s x A H - K I H s 7 0 7 G e T i U e S a q q 4 E A I Y O g E o P b 3
e H H X b w e x S 5 S - e 0 l A r T o s b O U 8 o j M A Y 5 p e Z U t x Y X b E 4 5 I n h M z D X N B S m n I S C 6 U F E C A w E A A n S
M F A w D A Y D V R O T A Q H B A w d A d B g N H 0 4 F e J O U C z a J m n I C E K 6 s O n k - 8 I D K H F 5 o n D e Y D V R O P A Q H /
B A Q D A Z A M B E G A I U G J Q O K M A g G B Q A K I C D A D A N B g k b k G 9 w 0 B A Q O F A A O C A g E A U K V e e 0 0 k s 8 E y s 9 m
q V F C w 5 5 v 3 R y l u p p O G V m e s 9 S L b 9 6 y 7 c p z W e v N G y H U w s G x I S Z i - k j d T P C B 4 6 y 2 W 3 T z 6 4 u I w
R v y n M 0 4 - K L C I W z 4 Y I a g r H 0 K I S F m d D 0 6 0 9 y 9 J v N D k a u s A r I B M Q e s a f X X K C - G C 3 E K c a
p a I O h P 0 a p 8 B n S V U Q n L n k 4 B L 7 H 4 z W m - + S D r e 6 g x p j n O E s 4 h g l 7 w I n U S 8 6 A n M z Y a T L P
M a c M 5 I y e T 8 B j O H z 3 a k j n 3 w d i u z w k J U h n S N C y Q I Y O X R 9 4 3 F P c l e n 5 I R P l e h o w R C 4 e 6 7 c z i t
o k I p M e + 9 K D 8 c R E I a T e V C M 4 i A m 8 0 0 f w N k r S h I b 9 I S t 4 I Z z a r a + A S c J G E V a s p e e
h b I U 9 k X x O l c d m E X Z I W 4 z G P e h X r d I h e G W Z h F Z N i o g 4 v v Y 0 0 P 5 B e V C k J w S F R W 7 a 0 I
W 4 r z m i u k 0 E Y 8 - u z 1 6 + b l J g L 3 4 7 4 8 n 4 x y 5 g N a g 3 V n q I G + M x 5 N L R i C M d i r e h Q 6 a 3 D 9 k u I
O l m n W j d e I n 4 e d g v 5 S m s R e c Y c a S 0 7 H B Y T H v V e A k X n U H e r 5 9 m y C h 5 0 V L A r W s e f T X T D
O l m p S g B U A y y Q 2 B K 0 Y 3 z E z W 0 g a g 3 v B e a p l P 9 y e k G e 5 N p Z J B 3 2 a Y =
-----END CERTIFICATE-----
```

Signature algorithm: SHA512withRSA

Issuer CN: Luxembourg Trusted List Signing Certificate 2020a

Issuer OU: Digital Trust Department

Issuer O: ILNAS

Issuer L: Belvaux

Issuer C: LU

Subject CN: Luxembourg Trusted List Signing Certificate 2020a

Subject OU: Digital Trust Department

Subject O: ILNAS

Subject L: Belvaux

Subject C: LU

Valid from: Wed Apr 22 14:35:00 CEST 2020

Valid to: Sat Apr 22 14:35:00 CEST 2023

Public Key:

```
30:82:02:22:30:0D:06:09:2A:86:48:86:F7:0D:01:01:05:00:03:82:02:0F:00:30:82:02:0A:02:82:02:01:00:8E:50:EC:D9:04:1A:B9:B2:EE:37:A8:82:4E:2F:15:6F:1F:D5:EE:9D:C8:93:2F:71:A5:AE:50:17:ED:EC:B2:3D:D2:61:
B8:7C:10:29:FD:74:E4:C6:AB:2E:EA:0B:9F:58:84:88:6A:6E:09:D4:C3:94:35:45:3A:09:A1:95:EC:6E:28:8F:B0:4D:ED:BF:20:16:B7:56:17:06:19:B9:35:0D:B1:52:66:C9:94:7F:CD:DA:44:F6:E0:3D:2D:44:0F:0E:6B:A7:46:82:
F9:B9:EA:6D:28:65:C8:22:53:BE:D6:8A:2B:1E:D7:51:7D:6A:66:36:4C:89:FE:62:80:DC:91:33:B3:24:C7:70:85:F0:D5:0B:70:98:0B:B2:6F:45:78:C7:1C:7B:BB:AC:69:59:F9:06:CC:16:5E:F1:D3:C1:95:E7:4A:A7:9F:FC:82:
8E:34:52:C6:87:1E:FE:FD:20:CF:FB:8C:BE:78:2E:4D:60:55:16:7A:73:FE:90:A4:7E:1E:2B:71:6B:06:93:FC:2D:41:3D:B9:4B:EF:65:98:79:F0:A1:EC:70:91:9E:2D:8E:3A:4C:34:12:9B:86:44:9B:6F:EB:7E:64:44:80:F3:DD:1:
1:E:95:FD:8D:5B:16:06:76:35:91:55:B3:1C:FE:90:1C:3F:C4:46:09:17:FC:CC:50:53:7C:AF:63:C9:81:75:D7:73:2B:3A:1F:C6:B6:85:14:7C:2F:82:39:8B:16:44:B3:BD:BD:67:B6:7E:D5:EE:F8:76:5A:F2:05:34:D9:3E:4C:92:F:
4:C:97:8D:44:08:98:3B:8D:5F:9A:7E:BE:44:53:68:60:C8:8D:DF:76:2A:9E:16:AA:99:34:D8:5C:FA:72:25:08:5C:6B:4D:0C:A9:68:FF:32:85:E9:49:74:E0:95:29:1E:32:31:80:CE:51:08:51:AB:54:48:EA:1F:1F:C8:45:7E:83:D:
0:C:D4:AD:95:88:1F:4F:88:43:1E:51:30:3C:7E:08:09:C1:E4:82:1A:FB:FE:10:EC:6A:74:0C:E1:97:D8:F1:E6:70:1E:26:45:C2:93:84:41:2A:80:FE:8C:D1:59:31:2E:24:DF:74:A3:1F:51:48:95:1B:04:DC:A6:09:56:92:15:
F8:80:5B:3E:C6:F0:07:23:E2:88:7C:5B:3B:D3:2E:C6:A9:37:EE:D6:2A:12:BA:AA:BB:10:09:58:3A:01:28:3D:B2:77:C4:41:DB:5D:BC:1C:CS:2E:52:F9:CE:88:02:B4:EB:76:C8:4E:53:CA:23:30:06:39:A5:C6:54:22:2C:58:5D:
BE:04:3E:02:84:CC:DD:5C:D2:01:4A:69:D3:48:2E:94:14:91:02:03:01:00:01:
```


Basic Constraints *IsCA: false*

Subject Key Identifier *0A:4C:EA:12:67:EE:18:45:DD:E2:84:1A:B6:4F:BC:26:55:DC:1F:74*

Extended Key Usage *id-tsl-kp-tslSigning*

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint: *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*