



ÉIRE/IRELAND (IRELAND) : Trusted List

Tsl Id:

Valid until nextUpdate value: 2021-01-17T00:00:00Z

TSL signed on: 2020-07-17T14:51:55Z

TSL Scheme Information

TSL Id

TSLTag *http://uri.etsi.org/19612/TSLTag*

TSL Version Identifier *5*

TSL Sequence Number *21*

TSL Type *http://uri.etsi.org/TrstSvc/TrustedList/TSLType/EUgeneric*

Scheme Operator Name

Name [*ga*] *An Roinn Cumarsáide, Fuinnimh agus Acmhainní Nádurtha*

Name [*en*] *Department of Communications Climate Action & Environment*

PostalAddress

Street Address [*en*] *29-31 Adelaide Road*

Locality [*en*] *Dublin 2*

State Or Province [*en*] *Dublin 2*

Postal Code [*en*] *D02 X285*

Country Name [*en*] *IE*

ElectronicAddress

URI [*en*] *mailto:rory.hinchy@dccae.ie*

URI [*en*] *http://www.dcenr.gov.ie/communications/en-ie/Internet-Policy/Pages/Trusted-List-of-Certification-Service-Providers.aspx*

Scheme Name

Name [*en*] *IE: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*] *http://www.dccae.gov.ie/en-ie/communications/topics/Internet-Policy/network-and-information-security/trust-service-providers/Pages/Trusted-List-of-Certification-Service-Providers.aspx*

Status Determination Approach *http://uri.etsi.org/TrstSvc/TrustedList/StatusDetn/EUappropriate*

Subject T: *Professional Person*

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

Subject SERIAL NUMBER: *10304444110080837592*

Subject GIVEN NAME: *Maarten Joris*

Subject SURNAME: *Ottoy*

Subject CN: *Maarten Joris Ottoy*

Subject OU: *0949.383.342*

Subject O: *European Commission*

Subject L: *BE*

Subject C: *BE*

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

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

Public Key:
30:82:01:22:30:0D:06:09:2A:86:48:86:F7:0D:01:01:01:05:00:03:82:01:0F:00:30:82:01:0A:02:82:01:01:00:B2:52:7E:4D:BD:D2:D7:A5:64:80:3C:5E:D2:FA:D3:B2:FC:CE:AE:63:C5:27:E6:C3:6D:D9:CF:83:3A:CF:CE:1E:F7:1F:63:E8:21:05:7C:33:F7:51:1F:7C:D5:64:BB:64:4A:AB:0C:30:DF:E7:72:44:12:35:78:EA:B6:97:BA:F4:CF:D7:60:35:DE:34:CC:1E:DA:FE:9C:4C:D7:44:AC:0D:3E:35:30:90:79:89:04:58:13:89:10:EF:71:46:03:AD:68:5C:3E:77:D1:F6:0D:CF:10:80:F5:D5:97:CD:0E:34:2F:EC:1D:A4:F6:EB:56:D7:E0:8B:EA:51:4D:94:97:A1:C6:45:D9:51:E9:BA:23:C4:55:EC:47:3C:7B:7A:F2:B5:FF:1B:CA:58:1E:0E:F3:99:83:84:04:F2:EC:8E:34:00:C1:BA:D5:6:4:82:9B:F5:8A:60:93:06:F8:CE:26:85:83:A5:19:7A:63:1F:46:D9:7B:4B:4E:14:5A:38:E1:39:45:23:67:ED:B5:EA:27:BD:57:A7:0C:49:7C:E0:FB:90:A8:F4:75:52:5C:F7:6A:A2:83:61:32:B3:92:85:32:3B:23:30:E3:6B:7A:D7:01:CC:3A:4E:4B:CF:0E:06:44:A4:22:59:EF:71:C2:C7:3F:83:5A:75:BB:0F:62:0E:5C:C7:A5:02:03:01:00:01

Basic Constraints *IsCA: false*

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

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

QCStatements - crit. = false
id_etsi_qcs_QcCompliance
id_etsi_qcs_QcSSCD

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

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

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

Key Usage: *nonRepudiation*

Thumbprint algorithm:

SHA-256

Thumbprint:

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

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

3

Serial Number:

1974568

X509 Certificate

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

```

MIHHDCCBPaAwIBAgIDHIEoMA0GCSqGSIb3DQEBCwUAME4CZAjBgNVBAYTAkxVMRyYwFAyDVOQK
DAUMAGXHuIcnVzdCB1LkFuMScwQDQDDDBSMdXNlcnVzdCBHbG99YyYwglUxVibGlnaWwVKEJENBDMw
IHEhNMTc0NTExMTAyNgZlWkNlMjAwMTEyMTA5NDZlWjCCARcCZAjBgNVRAyTAEEMMjAwMjAwMjAw
EwJCRTEcMBoGAlUEChMTRXVyb3B5W4gO29ubWlze2VhYVBMGAUUECMMMDk00S4zODMzMzQy
MSEwHwYDVQOExdNaWNoYyYwVjRozW9kbn9yIGRlIEJvZXRlZDA0bG9uVBAQTEBzRlIEJvZXRlZDAx
Ez9VBERoTEElp72bZVwzVGRub2RyY3RlIEBldgVBAUITEEwMAAaPTYSNDUwMDQzMDQzMDQzMDQz
KQYJKoZIhvcNAQkBFhxtaWNoYyYwVjRozW9kbn9yIGRlIEJvZXRlZDAxVjRozW9kbn9yIGRlIE
ZXRzaWNoYyYwglUxVibGlnaWwVKEJENBDMwIHEhNMTc0NTExMTAyNgZlWkNlMjAwMTEyMTA5NDZl
E3A00SdHhT4UubVvWAs5VdJlmsPMcZ3Pzus3CvY7YkH090jqPruWclC3YFMVSN02lge90
4Vbcpxj3yqkij5dHSMyA2gzwVQZJf8P8PAI8egwngSBUbnpM3D0GQZPBvH3gAv4Y
IhdT40FTYlEzRoz2T2FqMlNBSL4byRBMmU1Q8s0t0b7c33Bwau5Ucl40GCTAXX
dF9uKaOpDQ00phJlElaPmwIDAQABo4ICNjCCAjwDAYDVROTQHQHBAIwADBmBggBqEFBQCB
AQkAMiGwJwYkYyBBQUHMAAGG2bndHAGL9yY2hub2Nzc7SsdXhcnVzdC5sdXhcnVzdC5sdXhcnVzdC
A0YuaHR0kDowl2Nhl.msl4BRvdN0M.msl4RlRlFDJTYoY3DMIMHBYOVR0gRBFfCCARfwwgED
BggrSsBAQoDATCB9CBwYkYyBBQUHAgIwgbogabMdxHlcnVzdCBRDWfSaWZpZWQ2VndGlm
aWNoYyYwglUxNDRCBj62lwbkltmQgd2l0cCBVFNjRlRlEwMSA0NTYgUUN0KkYyZUluWZp
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OjBTDXBw3009mIFfY1WzprZmlZCBFbGVdHvbmJlJFpZ25hdllVzZS4wKqYkYyBBQUHAgEw
HmbdHhBc08vcmVwb3NpdG9yeSsdXhcnVzdC5sdXhcnVzdC5sdXhcnVzdC5sdXhcnVzdC5sdXhcnVzdC
MAAqCgIBAgYBAUITEEwMAAaPTYSNDUwMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQz
Ib2Zqf13zKb1MDMGAUUECMMMDk00S4zODMzMzQyMSEwHwYDVQOExdNaWNoYyYwVjRozW9kbn9y
IGRlIEJvZXRlZDAxVjRozW9kbn9yIGRlIEBldgVBAUITEEwMAAaPTYSNDUwMDQzMDQzMDQzMDQz
MDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQzMDQz
v62gvhiSGGwDKckZc3K9wU7S0TAM3sR0mY0bzbVqatsD0of1b2BwhNmoofw=sUZ-5QILv+F
MLKHec09M4czP08Vsh6dsZdgL29WrdBZj7h3cISBHLa10nHl2+s19Xu+GvTSXuS5h3k
mVY96ecKcQ8q+maPpNTyNo8aQgQQBvTlB6PQedaVQJdk0mpRbu+H9+sdVvc046BCN
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o9Pvq6dArpVuhDwDjuAT1bW3e+JlKcyQwKqL9fdDemulqzoBa9XJnB18m3+H1H5e9f/
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```

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

Signature algorithm:

SHA256withRSA

Issuer CN:

LuxTrust Global Qualified CA 3

Issuer O:

LuxTrust S.A.

Issuer C:

LU

Subject T:

Professional Person

Subject E:

michael.de-boer@ec.europa.eu

Subject SERIAL NUMBER:

10303969450085046424

Subject GIVEN NAME:

Michael Theodoor

Subject SURNAME:

de Boer

Subject CN:

Michael Theodoor de Boer

Subject OU:

0949.383.342

Subject O:

European Commission

Subject L:

BE

Subject C: NL

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

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

Public Key:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100AB61BBD20FD3B32B7C9E22353D76078089BA6BA0DA0C1D804D932C331912D5F9578E43CD31DFDE46A3F1B3F816CA80EA20657F198584004968D15B15A90538C0AB137028D12747A53E146E8855C96C79895FC39C89F13CA0B14773EBCE1B37095CBB6212873B026DFEA3EBB9678B09FD0814C57C374DAS8A0F74E156DCEA9C63C79CAA2A28FB241D288CC80CD830FD5210663245F0F880D747A0BAFC204BF054EA2A79334D03A063993C1BC8B77A0BF02FE181ED77B2DA3854D897FCD1727D9FD7616A3B824C88D4792F17C1C916CC9942507BCB23B42D3F868EDC1B7056BAEB0B51EFCBB50206093FE15D7745F6A2AE3A25C34373A97E124884495A24FA70203010001

Basic Constraints IsCA: false

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

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

QCStatements - crit. = false
 id_etsi_qcs_QcCompliance
 id_etsi_qcs_QcSSCD

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

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

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

Key Usage: nonRepudiation

Thumbprint algorithm: SHA-256

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

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 138577062902447122524563464486164876026

Certificate Policies	Policy OID: 2.16.724.1.2.2.2.3 CPS pointer: http://www.dnie.es/dpc CPS text: [DIRECCIÓN GENERAL DE LA POLICÍA, VATES-S2816015H]
Subject Directory Attributes	DateOfBirth (OID: 1.3.6.1.5.5.7.9.1) 19780623120000GMT+00:00
Key Usage:	nonRepudiation
Thumbprint algorithm:	SHA-256
Thumbprint:	C1:A3:7D:B4:8C:D5:E0:47:9B:97:F4:DE:32:E3:A7:47:0C:52:AA:FB:94:C1:65:6E:F5:6F:97:50:39:92:C8:A7

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version:	3
Serial Number:	3280541
X509 Certificate	

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

```

MIIGTCCBHzgAwIBAgIDMg6MA0GCSqGSIb3DQEBCwUAMEIwCzAJBgNVBAYTAkVYMRYwFAYDVOQK
DAIMAXHicVzdCkLkEaMScwQYDVQQDDDBzMDUxLnVzdCBBHg9YwWgUUVBbGlnaWVkiENBIDMw
HhcnMTgWMIjwMTIjMjxWcWcWMIjwMTIjMjxWcWcWCAQIBgkzApBgkqhkiG9w0BCQEQWHGFkcmh
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CmRTXVY5b3VWAgQ29hWzZzVjYEVMBGAIUECSMMMDk0S4ZODMaZQYMSwMjwQYDVQDExpD
k25zdGFudGhUUFkcmhhbDcm9pdG9ydTERMAAGA1UEBMMIQ3VwXrvenUxGjAYBgNVBCoTEUNv
bnNYW50Ww4QWMBwGwYDVOQFExMDE0MDA0MDU0MDU0MDU0MDU0MDU0MDU0MDU0MDU0MDU0
UHhZmVzZlVhbnRfZlBkcnVybCAsIiwkZDQYKzZlbnVhNAQEBBQADgEPADCCAQoQcggEBAK1ebuk3
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AQUwPjA8FZodHRwczovL3d3dy5zdXh0bnVzdC5s891cGwYVWVzZGF0Yy9z9yZXByc2l0b3U3IjBE
U3YzZGY7AKVOMBMOBgOAJYBBjAIGeAIGeAIGeAIGeAIGeAIGeAIGeAIGeAIGeAIGeAIGeAIGeAIGe
AYYhaHR0kdowl3FYSSy3NwLmx1eHrydXN0Lmx1MCOGCCGAQUFBzACiFodHRwO8vY2EhbHv4
dHJ1c3QubHJvIFRlUUNBM5jcmQw1gYDVRRgBwRTA4BgggrSsBAQoDGAAMCocGCCGAQUFBwIB
F3SodHRwczovL3d3dy5zdXh0bnVzdC5s891cGwYVWVzZGF0Yy9z9yZXByc2l0b3U3IjBE
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qAOBzNVHQBAREBAMCBEAwDQYJKoZIhvcNAQELBQADggIBAHRVN1uz9Nufi:3eHbwqkA1Rug
E+9wKcGm8c8c+4C9K:31WjyKBoYBMxv18MmBEEMAsNdrWdQW58v0kMh:jdW1
wHjgZBUhW9W8250PF3yU/Z9kh/dDBL6DvWogYnoQbBd+4BnL1U2QpGF4Cpw0hmcgr0L44Q1
hHuXhJK3QAlmrE75dzEkmsOzuzY+cOxuuSRKU1jSsdKDCyIKW6BHCfpZagGY7yJl
wTLYd3wWmRY26:0emkdd1778Bk72XoMkRf4Z2HMCQw:htAM44DZ5pZyZY99f
dd2XCqEVSp9DcNTOI+BxNuM+xfmr5PTuzLZPQ/FULZ1Kq:RovQlgddwR:svjY75ZjgSj
MsbGqQvAwoblyYvO8MC8NzDPL5+TcXSA1mzgp0XoLsA9w4bVEg4EBUMNiUWPMYhs
Icbv49YmW1pA90d6dWZ1H9mmwv+d0RE:W89z2Xy:CUUUC8ckaufYvCPZv4R
P4E:3h4WPSPSN79pBUHXEpcch38I3REOISZddB2cWV1v9zSdmM0Bb3C4wDsvs4sMIRBk
B8B+ct60E1HCq8+VDKMKTukCA0ny13Ln+1FU0p0Ogr

```

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

Signature algorithm:	SHA256withRSA
Issuer CN:	LuxTrust Global Qualified CA 3
Issuer O:	LuxTrust S.A.
Issuer C:	LU
Subject T:	Professional Person
Subject SERIAL NUMBER:	10304387540106101740
Subject GIVEN NAME:	Constantin-Adrian
Subject SURNAME:	Croitoru
Subject CN:	Constantin-Adrian Croitoru

Subject OU: 0949.383.342
Subject O: European Commission
Subject L: BE
Subject C: RO
Subject E: adrian.croitoru@ec.europa.eu
Valid from: Tue Feb 20 13:52:21 CET 2018
Valid to: Sat Feb 20 13:52:21 CET 2021
Public Key: 30820122300D06092A864886F70D01010105000382010F003082010A0282010100A51E6EE2B719C985571D355374F77B1E1536D793B23F42974B9A451385F24EEDF45E3C004D112F53EE1D6AC0619C984CF798FD285789BFAEA910B7460890DD434BC6891EB060594C683B817B35473D12D94E20DD10813FC65DD624E335288F230F916EC5716E4E89A255FCB8520553B0E7F81199A187E7E81DC44DFB947ABD57DAC5282D9EA4449B597401E6E5ECC4CB3C75B49815F35587A649F83822311528D90E262E65DA5465A139EB387CBD94B92F6D841F009D51FC554E8E7278AE0C1C0DA72AD5C49FCD1E0DBE7A700B96B80A0E8A226D8D4E4A5C7DEA2250F7D40B8B6AA15FE4E4FBD631952E613E9C6304685692181665A30513972675B79419145050203010001
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: 1.3.171.1.1.10.3.26
CPS pointer: https://repository.luxtrust.lu
Policy OID: 0.4.0.194112.1.2
CRL Distribution Points http://crl.luxtrust.lu/LTGQA3.crl
Subject Key Identifier 46:A1:FB:ED:8B:B1:00:AA
Key Usage: nonRepudiation
Thumbprint algorithm: SHA-256
Thumbprint: 8E:50:8F:03:B1:32:50:0C:34:03:DB:66:E9:DD:39:CD:78:F4:65:7C:84:09:58:A7:7D:34:E7:BD:62:14:68:E7

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3
Serial Number: 510758012567249096883552881202149149901456017681

X509 Certificate

```
-----BEGIN CERTIFICATE-----
MIIGTCCBMWgAwIBAgIUWxcuAZp2a5fLFDzE8OjgaCREwDQYJKoZIhvcNAQELBQAwczEiMAKG
A1UEBHMCMQkUGTAxBGNVBGEEMESUJLJlTlIMzC2OTgMTgYsIAAAGB9NVBAoMFFI1b1ZGZldFRy
dXM0bGlzayBkVkBJMScwQjQVDQDDBSRlRwYm95YWVWb3JkZ2F5bWVudG84YzIyMzI0LjE4
MTg4MzI1MjYwMDEwMTA4MTYwMDAwWzBMAWwWb3JkZ2F5bWVudG84YzIyMzI0LjE4MTg4
MzI1MjYwMDEwMTA4MTYwMDAwQjEiMDEGA1UECwwKREAgT3VhYmUuY28uY28uY28uY28u
Q090RTRVDEBMBRGA1UEYQsSVAFLQkUIMDM0OS4jZDMuMzQyZyMwRwYQGeYDVOCkDBNFdXJvcGVhbnB
E2IjgANzWwMBREwDwYDVQQIDAhFDjE9YDVYVDDCAASjwDQYJKoZIhvcNAQELBQADggEgPADCAQoC
ggEBAQmsZD+Gh4SvMndGOTzdzKOWZGDODW1LS5s70R8r-L0Ljudk0Pps8HzOjzMEIppmz
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jsvGscnplZPQXIMtbnuyKeplXlmwTmHK903v0B8sdlT6JfmgQWldxg40H6Y1y5m6tmc+
sVylL5XGayYdelztcWshh06K9YLVZBEIFFpVYVSKiIMhCZJ0b0Y3EidzQHHzSDAmvYrT=
LBOxvGalaaTayCaL91Bl_d4HS9ULcChsopdZusScAwEAACAmowagmMhCGCSGAQIFBwEB
jGowaI4BzBzBzBF20cwaYsaiRRA0L3RyXN0LHf15zZzGZ2zvyMfslmVbS8mdmJY2Fn
MISgPm1_OYIKwYBBQIUMAGG1WbAdHAd_s91dy5Y3NwLnF1b1zZzGZ2zvyMfslmVbS8mdmJY2Fn
H04EgQl_6BHHR+dId+97HxeN8Jl7sR5QwHwYDVROjBBgwFoAUs8m8MZsCenO7SA9RVG0ASWV
UsnwEgYDV9R8RwYBBQIUMAGG1WbAdHAd_s91dy5Y3NwLnF1b1zZzGZ2zvyMfslmVbS8mdmJY2Fn
dmKAAxN6G9YWuuY29L3JzG9zRvmxwCOYHBACL7EABAA7BGNVHR8NDAYMDCgl_gA8hpo
dHRw08yY3JsLnF1b1zZzGZ2zvyMfslmVbS8mdmJY2FnMj5cmwwDeYDVROPAOHBAIDAgBA
MCGAG1IjQ0MCM4CCGGAQUFBwMgBgBgfEzBkDBA1KkwwYBAACCNwODDAITBqohk09y8BAQkC
BAUwAwIBATA0BgqhkiG9y8BAQkCBBCCwYwIABAYiUHR0kDowl3zLnF1b1zZzGZ2zvyMfslmVb
S8MZTCBmYIkwYBBQIUMAGG1WbAdHAd_s91dy5Y3NwLnF1b1zZzGZ2zvyMfslmVbS8mdmJY2Fn
EgAqYBBDATBglFALGAQYwCOYHBAQOFBgGAIABgEALFSAQOLMFAFidH8wzovL_28d35x
gW92YWRpCzdszjbc2j0vcMvWs5NpdG9yerkCZw4wDQYJKoZIhvcNAQELBQADggIBAABVbr?
SdEccLcXUTPis5ub7HkCzw1+sgaQoUHHYz51NG51H0G856SuzNHgt7G-8NmXwQv0LZ
i4fMS7BnL8RlZ2vYpmpKxEL3tosKmvKp4EYJpDMGyEVDeDqImKp35mPQPIN08p
RzWq0Oe9dNc79Aokp0dNFz7Py5CUII=+PihGtz50Vuo0natkVSigPKvRugyhWuABU
LZYVgW=7ebJRURipsskOD+WG(GnzAIKccXU1I7UExz0FNIAm0Kqz59BKzrwAFux90wGr
EsvQQV9SQFKMNFpXezp2m7WQ0tdlvtEXWNTsm=86isVpfe6K2jgm8KnsEz+upI
8fDx+g0kbvKkBPN7gkGY0HGuuzs34w-OZhg2880ETraWpmm0HRUBjR3cCarCNTrhW6
GuPKI5gCZL8YmKzCgl0VnhfG33yUsGvQJReYXWQh5Th4k88wWjIT+guxXFuqvFvCvId
YkFT0S8Ry0EB0amW4wQB0z0NS2xcR0mGp04RWS66auRgl5v754FRVYTwMatmGubUG
/BOEVZsc7Fz0UkuakNoPjm6ptYur7WY22GwmAMNqG0xyQvrrtqAI=+XoKBhq
-----END CERTIFICATE-----
```

Signature algorithm:

SHA256withRSA

Issuer CN:

QuoVadis Belgium Issuing CA G2

Issuer O:

QuoVadis Trustlink BVBA

Issuer 2.5.4.97:

NTRBE-0537698318

Issuer C:

BE

Subject CN:

EC_CNECT

Subject O:

European Commission

Subject 2.5.4.97:

VATBE-0949.383.342

Subject OU:

DG CONNECT

Subject C:

BE

Valid from:

Wed Mar 07 17:00:43 CET 2018

Valid to:

Sun Mar 07 17:10:00 CET 2021

Public Key:

3082012230d06092a8648f70d010105000382010f003082010a0282010100e8e6b190fe1a123fC92B0E30D77A393A-B321E3964330B30C35B52D2E7C7BD2147E2C
E2DAA88C03E9BFC72189938980C107A669B38EBCCE0DCE3606FB17E82A33E061B8C3CD11B5D3095E4694A98E9A9BEFA3CCD7024AACTCFD0810496DEE7535080
B4E2E7CA51C0E1A158E6BAF1AC737C692193D05F460C79B8AEC8A7A9957966C704CEC0729B3B7B746CDA8AC229EE5389B1831416771BAAE0EB7A858629E706FA
9A673E3EBC8B1FE719AC97752F3B825AC1F28A400A822D05897ED115145C29655611292588C1DCD83946C6FF6312E21C42D1EBCDE2DC3E319F24FE2C1D31BC66
8B69A4DA08C2C4B7F75E6E32F7F781F91BD51C0A1B2AA2975F66E27B0203010001

Authority Info Access

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

Subject Key Identifier

E8:11:FC:46:BE:23:B4:8F:3E:F7:B1:D7:78:DF:09:97:B8:EC:45:24

Authority Key Identifier

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

Certificate Policies

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

CRL Distribution Points

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

Extended Key Usage

id_kp_clientAuth - Unknown ExtendedKeyUsage OID: 1.3.6.1.4.1.311.10.3.12

QCStatements - crit. = false

id_etsi_qcs_QcCompliance

id_etsi_qcs_QcSSCD

Key Usage:

digitalSignature - nonRepudiation

Thumbprint algorithm:

SHA-256

Thumbprint:

CC:D8:79:B3:6B:B5:53:68:5B:EC:BD:12:90:1C:7F:41:F7:BD:3E:07:F8:98:FC:BB:E1:EE:C4:56:B0:3D:75:89

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version:

3

Serial Number:

153665982062421339038722954260668260958242818930

X509 Certificate

-----BEGIN CERTIFICATE-----
MIIG3CCBMAgAwIBAgIU...
-----END CERTIFICATE-----

Signature algorithm:

SHA256withRSA

Issuer CN:

Quo Vadis Belgium Issuing CA G2

Issuer O:

Quo Vadis Trustlink BVBA

Issuer 2.5.4.97:

NTRBE-0537698318

Issuer C:

BE

Subject CN:

EC_DIGIT

Subject O:

European Commission

Subject 2.5.4.97:

VATBE-0949.383.342

Subject OU:

Informatics

Subject C:

BE

Valid from: Wed Mar 07 17:01:43 CET 2018

Valid to: Sun Mar 07 17:11:00 CET 2021

Public Key:
 30820122300d06092a86486f70d01010105000382010f003082010a0282010100a7464c880df9e564433ca7d4db3e8d91c3816231528d1011b53ccA6C6EBE9449394158a4c8747f4b069ba1b18b42da608d77238957a032fe2c1992d298090521ce3c8eb4e5c799236bc4af634dfe244bcf7b153b06ea5e92ab55cafb917d4dc3f1436f1ED72496870f76bd0b59d0133a6e1120f02cd89d285e07ba71c54e8d9f1194687b82bae4df68f357a846623e5d80e0a0610af95558c1553c7e8a682fd820d5a712647a022a0877b53573897d797ef9ef0e23f74c040621355563feb8a505672d79a5c74c4b3322ba83ff7aD344426f5a5e2cfd9d7535dF65d474747aEA3961AF90136418aB82452bc6a5a451dA2AF07E9D35C01A6057d48259f199b0203010001

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

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

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

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

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

Extended Key Usage
 id_kp_clientAuth - Unknown ExtendedKeyUsage OID: 1.3.6.1.4.1.311.10.3.12

QCStatements - crit. = false
 id_etsi_qcs_QcCompliance
 id_etsi_qcs_QcSSCD

Key Usage:
 digitalSignature - nonRepudiation

Thumbprint algorithm:
 SHA-256

Thumbprint:
 43:55:04:BF:D8:02:ED:F4:DB:08:CB:D7:C7:72:9A:0D:45:B2:27:79:7B:72:7E:4E:6E:A1:D3:16:84:16:63:42

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3

Serial Number: 21267647932558803542992831893320696944

X509 Certificate

-----BEGIN CERTIFICATE-----
 MIHGGZCCBE=awBAGlQEAAA...
 -----END CERTIFICATE-----

Signature algorithm: *SHA1withRSA*

Issuer SERIAL NUMBER: *201508*

Issuer CN: *Citizen CA*

Issuer C: *BE*

Subject SERIAL NUMBER: *67022330340*

Subject GIVEN NAME: *Jean-Marc*

Subject SURNAME: *Verbergt*

Subject CN: *Jean-Marc Verbergt (Signature)*

Subject C: *BE*

Valid from: *Fri May 01 20:54:54 CEST 2015*

Valid to: *Sat Apr 26 01:59:59 CEST 2025*

Public Key:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100B06E77FD7C9710B99DCED865486730843E9F75408EB154D88388CE61C7489E9A30049
838C60E94BCTB5C3AE36E87F323865A46E2636C17488B046165CD0C85E928667C7AFA08FCFDBD6AA3647288D5D9C169663FA87204927FE7F67309F7CFF90687D90
8E81E1E4B922BA05A4006FCF15A2D160F75B8C1224AC9E46831A18EB70D3B880E374B87E30F38E4293606A2B8EF20E8FA52D09FAD9A8F8D383EF36DA416111CFF
DC8AA4A7D87C77D8B20837E9990920DDE62C4A974B5D0AC5FE6CF6D7248E2D3B2134443525E7FA23004168E58B8E68A4A8FC793331DA4992C9CC3D0EE33905C
E09E9F355C60EA107669E77C1283CB99E5047C1148D4DF135B0203010001

Authority Key Identifier *6A:6F:51:E5:CC:27:5D:65:09:EE:A8:1B:12:94:03:F0:40:A0:08:F2*

Authority Info Access
http://certs.eid.belgium.be/belgiumrs3.crt
http://ocsp.eid.belgium.be/2

Certificate Policies
Policy OID: 2.16.56.10.1.1.2.1
CPS pointer: http://repository.eid.belgium.be
CPS text: [Gebruik onderworpen aan aansprakelijkheidsbeperkingen, zie CPS - Usage soumis à des limitations de responsabilit , voir CPS - Verwendung unterliegt Haftungsbeschr nkungen, gem ss CPS]

CRL Distribution Points *http://crl.eid.belgium.be/eidc201508.crl*

QCStatements - crit. = false
id_etsi_qcs_QcCompliance
id_etsi_qcs_QcSSCD

Key Usage: *nonRepudiation*

Thumbprint algorithm: *SHA-256*

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

EU TSL digital identities

TSL Scheme Operator certificate fields details

Version: 3
Serial Number: 21267647932559404339035760224263512027

X509 Certificate

-----BEGIN CERTIFICATE-----
MIGTzCCBNegAwIBAgIQEAAA...
-----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: 30820122300D06092A864886F70D010105000382010F003082010A0282010100AFB83B56B8836386ACDD1E0B3CE83B88F1F98A71F369530C056FF18396FB215307...

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***2020-07-17T01:00:00Z***Next Update****date Time***2021-01-17T00:00:00Z*

1 - TSP: Post.Trust Ltd

TSP Name

Name [en] *Post.Trust Ltd*

TSP Trade Name

Name [en] *Post.Trust Ltd is a subsidiary of An Post*

Name [en] *VATIE-8241954E*

Name [en] *An Post*

PostalAddress

Street Address [en] *GPO, O'Connell Street*

Locality [en] *Dublin 1*

Postal Code [en] *D01 F5P2*

Country Name [en] *IE*

ElectronicAddress

URI [en] *mailto:trust@post.trust.ie*

URI [en] *http://www.post.trust.ie/*

TSP Information URI

URI [en] *http://www.post.trust.ie/ProductsServices/Pages/ProductsServices.aspx*

1.1 - Service (withdrawn): Post.Trust Ltd - qualified certificate service

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.*

Service Name

Name [en] *Post.Trust Ltd - qualified certificate service*

Service digital identities

Certificate fields details

Thumbprint algorithm: *SHA-256*

Thumbprint: *39:F6:03:3C:A6:64:CE:DB:21:67:44:D3:C6:F2:B2:E8:E3:CE:BD:68:69:F7:DF:F4:7E:0D:B9:1A:79:C4:16:F8*

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

Service status description *[en] undefined.*

Status Starting Time *2019-01-25T00:00:00Z*

1.1.1 - Extension (not critical): additionalServiceInformation

AdditionalServiceInformation

URI *[en] http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/RootCA-QC*

1.1.2 - Extension (not critical): Qualifiers [QCWithQSCD]

Qualifier type description *[en] undefined.*

Criteria list assert=all

Key Usage *[digitalSignature] true*

Key Usage *[nonRepudiation] true*

Key Usage *[keyEncipherment] true*

Key Usage *[dataEncipherment] true*

Key Usage *[keyAgreement] true*

Key Usage *[keyCertSign] true*

Key Usage *[crlSign] false*

Key Usage *[encipherOnly] false*

Key Usage *[decipherOnly] false*

1.1.3 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.1.4 - History instance n.1 - Status: granted

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

Service Name

Name *[en] Post.Trust Ltd - qualified certificate service*

Service digital identities**X509SubjectName**

Subject CN: *Post.Trust Root CA*

Subject OU: *Post.Trust Ltd.*

Subject O: *An Post*

Subject C: *IE*

X509SKI

X509 SK I *jqFz+ToDifAsV4sOAgvjnguznZc=*

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

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

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

URI *[en] http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/RootCA-QC*

1.1.4.2 - Extension (not critical): Qualifiers [QCWithQSCD]

Qualifier type description *[en] undefined.*

Criteria list assert=all

Key Usage *[digitalSignature] true*

Key Usage *[nonRepudiation] true*

Key Usage *[keyEncipherment] true*

Key Usage *[dataEncipherment] true*

Key Usage	[keyAgreement]	true
Key Usage	[keyCertSign]	true
Key Usage	[crlSign]	false
Key Usage	[encipherOnly]	false
Key Usage	[decipherOnly]	false

1.1.4.3 - Extension (critical): additionalServiceInformation

AdditionalServiceInformation

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

1.1.5 - History instance n.2 - Status: undersupervision

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

Service Name

Name [en] *Post.Trust Ltd - qualified certificate service*

Service digital identities

X509SubjectName

Subject CN: *Post.Trust Root CA*

Subject OU: *Post.Trust Ltd.*

Subject O: *An Post*

Subject C: *IE*

X509SKI

X509 SK I *jqFz+ToDIAsV4sOAgvjnguznZc=*

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

Status Starting Time *2008-06-11T12:00:00Z*

1.1.5.4 - Extension (not critical): additionalServiceInformation

AdditionalServiceInformation

URI	[en]	http://uri.etsi.org/TrstSvc/TrustedList/SvcInfoExt/RootCA-QC
-----	--------	---

1.1.5.5 - Extension (not 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>
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Criteria list assert=all

Key Usage	[digitalSignature]	true
Key Usage	[nonRepudiation]	true
Key Usage	[keyEncipherment]	true
Key Usage	[dataEncipherment]	true
Key Usage	[keyAgreement]	true
Key Usage	[keyCertSign]	true
Key Usage	[crlSign]	false
Key Usage	[encipherOnly]	false
Key Usage	[decipherOnly]	false

2 - TSP: Adobe Systems Software Ireland Ltd.

TSP Name

Name [en] *Adobe Systems Software Ireland Ltd.*

TSP Trade Name

Name [en] *Adobe Systems Software Ireland Limited*

Name [en] *Adobe Systems*

Name [en] *VATIE-6364992H*

PostalAddress

Street Address [en] *4-6 Riverwalk*

Locality [en] *Citywest Business Campus, Dublin 24*

Country Name [en] *IE*

ElectronicAddress

URI [en] *mailto:cloudsignatures@adobe.com*

URI [en] *https://www.adobe.com*

TSP Information URI

URI [en] *https://www.adobe.com/misc/pki/cds_cp.html*

2.1 - Service (granted): Adobe Qualified Timestamp CA

Service Type Identifier

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

Service type description [en] *A time-stamping generation service creating and signing qualified time-stamps tokens.*

Service Name

Name [en] *Adobe Qualified Timestamp CA*

Service digital identities

Certificate fields details

Version: 3

Serial Number:

23978163037621421824106346452512302342

X509 Certificate

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

MIGMjCCBBAwIBAgIQEoGmPsDD6Jnl6uR5lBjANBgkqhkiG9w0BAQFAADBsMOWsCOYDVQOQ...
-----END CERTIFICATE-----

Signature algorithm:

SHA256withRSA

Issuer CN:

Adobe Root CA G2

Issuer OU:

Adobe Trust Services

Issuer O:

Adobe Systems Incorporated

Issuer C:

US

Subject CN:

Adobe Qualified Timestamp Service CA

Subject OU:

Adobe Trust Services

Subject O:

Adobe Systems Software Ireland Ltd.

Subject C:

IE

Valid from:

Thu Jun 01 02:00:00 CEST 2017

Valid to:

Mon Jun 01 01:59:59 CEST 2037

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:AE:9D:F2:D7:C8:F4:24:D6:14:5F:7B:8E:18:C3:34:78:C2:1A:F6:65:AB:16:8C:C0:CF:24:91:6C:CD:A3:41:37:3F:48:8...
-----BEGIN PUBLIC KEY-----

Basic Constraints

isCA: true - Path length: 0

CRL Distribution Points

http://crl.adobe.com/adoberootg2.crl

Certificate Policies

Policy OID: 2.5.29.32.0

Subject Key Identifier

63:38:CE:50:8B:4A:9E:DD:37:F0:81:2C:03:6A:7C:82:94:D6:99:5F

Authority Key Identifier

A6:1C:E1:6D:54:24:4C:A8:8F:48:72:BF:6E:A9:8C:D5:E4:EC:31:D4

Key Usage:

keyCertSign - cRLSign

Thumbprint algorithm: *SHA-256*

Thumbprint: *E8:98:CE:4D:E8:86:FD:7E:49:D1:F3:9F:B6:D6:15:74:41:5C:A3:A7:8D:15:1E:B6:44:AC:51:1E:60:C6:5A:85*

X509SubjectName

Subject CN: *Adobe Qualified Timestamp Service CA*

Subject OU: *Adobe Trust Services*

Subject O: *Adobe Systems Software Ireland Ltd.*

Subject C: *IE*

X509SKI

X509 SK I *YzjOUItKnt038IEsA2p8gpTWmV8=*

Service Status

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

Service status description *[en] undefined.*

Status Starting Time

2017-08-31T23:00:00Z

Service Supply Points

Service Supply Point *http://crl.adobe.com/adoberootg2.crl*

3 - TSP: TrustPro QTSP Ltd

TSP Name

Name [en] *TrustPro QTSP Ltd*

TSP Trade Name

Name [en] *TrustPro QTSP Limited*

Name [en] *VATIE-3596647LH*

PostalAddress

Street Address [en] *Suite 51, Guinness Enterprise Centre, Taylor's Lane*

Locality [en] *Dublin 8*

Postal Code [en] *D08 N9EX*

Country Name [en] *IE*

ElectronicAddress

URI [en] *mailto:info@trustpro.eu*

URI [en] *https://www.trustpro.eu*

TSP Information URI

URI [en] *https://docs.trustpro.eu*

3.1 - Service (granted): TrustPro Qualified CA 1 for eSignature

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.*

Service Name

Name [en] *TrustPro Qualified CA 1 for eSignature*

Service digital identities

Certificate fields details

Version: 3

Basic Constraints *IsCA: true*

Authority Key Identifier *CF:4B:19:96:F5:8E:94:B2:AB:62:F0:6D:49:58:E2:1F:0D:B5:3A:6C*

CRL Distribution Points *http://ca.trustpro.eu/crls/rootca1.crl*

Key Usage: *keyCertSign - cRLSign*

Thumbprint algorithm: *SHA-256*

Thumbprint: *88:B8:77:51:C1:C2:41:21:FA:61:29:3B:05:6B:C6:AE:CA:28:AF:CF:C7:E9:8A:D1:B0:F2:70:A4:1F:89:92:2D*

X509SubjectName

Subject C: *IE*

Subject L: *Dublin*

Subject O: *TrustPro QTSP Ltd*

Subject OU: *QTSP*

Subject CN: *TrustPro Qualified CA 1*

Subject 2.5.4.97: *NTRIE-637218*

X509SKI

X509 SK I *Fu9EoPfVtC+mIiz/B5Rhh5Cg9f8=*

Service Status

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

Service status description *[en] undefined.*

Status Starting Time

2019-07-17T23:00:00Z

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

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

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

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

Service Name

Name [en] TrustPro QCP-n

Service digital identities

X509SubjectName

Subject C: IE

Subject L: Dublin

Subject O: TrustPro QTSP Ltd

Subject OU: QTSP

Subject CN: TrustPro Qualified Root CA 1

Subject 2.5.4.97: NTRIE-637218

X509SKI

X509 SK I z0sZlvWOILKrYvBtSVjiHw21Omw=

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

Status Starting Time 2019-07-17T23:00:00Z

3.1.2.1 - Extension (not critical): additionalServiceInformation

AdditionalServiceInformation

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

3.2 - Service (granted): TrustPro Qualified CA 1 for eSeal

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.

Service Name

Name [en] TrustPro Qualified CA 1 for eSeal

Service digital identities

Certificate fields details

Version: 3

Basic Constraints *IsCA: true*

Authority Key Identifier *CF:4B:19:96:F5:8E:94:B2:AB:62:F0:6D:49:58:E2:1F:0D:B5:3A:6C*

CRL Distribution Points *http://ca.trustpro.eu/crls/rootca1.crl*

Key Usage: *keyCertSign - cRLSign*

Thumbprint algorithm: *SHA-256*

Thumbprint: *88:B8:77:51:C1:C2:41:21:FA:61:29:3B:05:6B:C6:AE:CA:28:AF:CF:C7:E9:8A:D1:B0:F2:70:A4:1F:89:92:2D*

X509SubjectName

Subject C: *IE*

Subject L: *Dublin*

Subject O: *TrustPro QTSP Ltd*

Subject OU: *QTSP*

Subject CN: *TrustPro Qualified CA 1*

X509SKI

X509 SK I *Fu9EoPfVtC+mIiz/B5Rhh5Cg9f8=*

Service Status

Service status description *[en] undefined.*

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

Status Starting Time

2019-09-04T23:00:00Z

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

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

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

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

Service Name

Name *[en] TrustPro QCP-I*

Service digital identities**X509SubjectName**

Subject C: *IE*

Subject L: *Dublin*

Subject O: *TrustPro QTSP Ltd*

Subject OU: *QTSP*

Subject CN: *TrustPro Qualified CA 1*

Subject 2.5.4.97: *NTRIE-637218*

X509SKI

X509 SK I *Fu9EoPfVtC+mIiz/B5Rhh5Cg9f8=*

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

Status Starting Time *2019-09-04T23:00:00Z*

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

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

3.3 - Service (granted): TrustPro Qualified Root CA 1

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.*

Service Name

Name *[en]* *TrustPro Qualified Root CA 1*

Service digital identities**Certificate fields details**

Version: *3*

Serial Number: *6566695610885902639*

Key Usage: *keyCertSign - cRLSign*

Thumbprint algorithm: *SHA-256*

Thumbprint: *FE:F2:92:B6:CA:09:1A:0F:9D:D0:66:78:6A:F8:0B:71:42:27:67:EC:3A:50:2A:42:E6:B6:6C:01:49:C3:7E:92*

X509SubjectName

Subject C: *IE*

Subject L: *Dublin*

Subject O: *TrustPro QTSP Ltd*

Subject OU: *QTSP*

Subject CN: *TrustPro Qualified Root CA 1*

Subject 2.5.4.97: *NTRIE-637218*

X509SKI

X509 SK I *z0sZlvWOILKrYvBtSVjiHw21Omw=*

Service Status

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

Service status description *[en] undefined.*

Status Starting Time

2019-09-23T23:00:00Z

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

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

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

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

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

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

4 - Signature node - Id: id-2171f90982edd8b448f47c56d3c8d157**Signing Time**

2020-07-17T14:51:55Z

TSL Scheme Operator certificate fields details**Version:**

3

Serial Number:

536153109969990600414472529090959139055875053397

X509 Certificate

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

```

MIHSDCBTCAAwIBAgIUxcmv290mSs9W672vT6Vq1UuwDOYKzoZhvceNAQELBQAwwYECCzAJ
BgNVBAYTAkRlZGhlc2VudC50YD90R2RkLXN0Y0Y1Q2Q3Q4Q5Q6Q7Q8Q9Q0Q1Q2Q3Q4Q5Q6Q7
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SLUAdZNRBngVBAqMBKRIYmopEPMaRCAUIEBwGRIVIGIuM5AwHeYDVOQLDBAdGjZIBUZWNo
bm9sZS5IE9mZmljZTdmEEGAIIUEAwWUu0yNSBlW5JhHhveEIEAIGCSqSISD3DEBAQIALAIBDwAw
ggEKAoiBAQC2Wnmf4ZQULoXOU7shhNK0r6801HBCXhjmK1HscAp9gDIE7DokBFvlgc7eb
Cgb0OOCIXhlgdJavduzZpOpkH40mmiZP4gnfvsP1+KGSX1qDHClnT4h0EB1gzZVj5jN
q1NscYXZUWmHfgenV9P8ndDBRLaIILasOvD98143jZMjehCmw-pmlkX9mes7AOn
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GDAwghT406A5v0iDhKSLX0m6C2cND8BggBBgEFTBqCAORMGcwAYIKwYBBovHIMAKGLGh0
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COYHBAcl7EABjAqBgnVHSUElAgBggrBgEFBQcDAgYIKwYBBQUHAWQGSisGAQQGggKAwwwYAG
CCsGAQUFBwEDHQAjAKBggrBgEFBQcDAgYIKwYBBQUHAEgWGBHfHfA6Iy9Sc3cucXVndmFAAM6C9YVwWu129L3k6C9zXrcnw
ZABvc20b35EwJb7A7BgNVHR8ENDAyMDQELqAshpdHRwO8vY3JsLnF15ZlZGZ2Z2vYmFs
LmNv89vdmY12FnNC5cmwwHQYDVR0OBBYEFdy5SWAJNkx3gglnvFAY75IUVSMA4GA1UdDwEB
wQEAwGDAWIBgopKH9yBAQCBwAwIBATABBggrBgEFBQcDAgYIKwYBBQUHAEgWGBHfHfA6Iy9Sc3cucXVndmFAAM6C9YVwWu129L3k6C9zXrcnw
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FJIS79S8e+lp7ru5P9gMytjF+N8Ncg366kzssGTxWG+lLA Vdbr5D5w69860pCIBGGYbpN7pvdg
QJ9y2eN4qT7wHedup3skW96W6yKHfJl8qKHYgnBwJEU9p9mOLSTPnPvclastAYNz
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An3gVMh5aVpX2o7OUFE69yVamLXNlg8OTksUTCISAclcKw9pFH0yLuFOY+HwmBha7a+q
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Xj7R0Rp3y4FnNcJol76Bz2QkxSMk1hELFKSOQxSWRo970gDPCnC8rSmI.gsn1M8Mz+q
aL78Yn6U.cdm7CzTamOQUGHW9RkXLPzE1782Sg680Tdw2yWfVdHl6Ags08K
QELyELARChRww5868qxEY/PjhhfILmCkLXzhgYcKrfmNvAl8wgk=

```

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

Signature algorithm:

SHA256withRSA

Issuer CN:

QuoVadis EU Issuing Certification Authority G4

Issuer O:

QuoVadis Trustlink B. V.

Issuer 2.5.4.97:

NTRNL-30237459

Issuer C:

NL

Subject CN:

Rory Hinchy

Subject GIVEN NAME:

Rory Alexander

Subject SURNAME:

Hinchy

Subject O:

Department of Communications, Climate Action & Environment

Subject OU:

Chief Technology Office

Subject L:

Dublin

Subject ST:

Dublin

Subject C:

IE

Valid from:

Thu Jul 16 12:51:43 CEST 2020

Valid to: *Fri Jul 16 13:01:00 CEST 2021*

Public Key:
30820122300D06092A864886F70D01010105000382010F003082010A0282010100B358D9A715DD90D0BA1790E53B2186534AD2BEB2F0E0D5F042C5F16398AD47B0202A
AFD803122FC3A0A045BE32E373B7980A06F440ED055E884881D27F6A776E65FCCE269288ED9A6B593F88271EFBE73C938A1B95F5A831E20A59D3E21D04075819976
0258C5E628CD7A360D73E5D8E59516A7196B485837255C0F4ADA9B0C19292E82752DA6AC195C080CF35E378C067CEA37A10A6C3EA8286D917F667B2EC039A892B5
D89821F48C6616606846D03AB61DD36BE42DA47DA5230ED242DE9A9C59D6697C5DEF5DAB3D0AEFB5316BFBC2C384E19714E729F86BA1DA9EC2A4A0A41681CF31
C13437D38E7C9D3CB5E8C6A29BD31C4140ECB767D2D18DD0013890203010001

Authority Key Identifier *F2:E0:ED:2C:03:9C:63:6C:38:65:2A:C7:E4:5F:4A:3A:4B:67:8D:88*

Authority Info Access
http://trust.quovadisglobal.com/qveucag4.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: 0.4.0.194112.1.2

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/qveucag4.crl*

Subject Key Identifier *3C:BE:E5:60:23:36:4B:7C:DA:A8:09:9F:21:40:CB:BE:63:21:45:52*

Key Usage: *digitalSignature - nonRepudiation*

Thumbprint algorithm: *SHA-256*

Thumbprint: *E1:82:55:AB:B9:AA:ED:1C:EC:EA:28:1A:51:75:58:4B:95:84:15:3B:B8:B6:2B:96:B8:C4:E1:A1:0
B:AD:5E:48*