

# Belgique/België (Belgium): Trusted List

## *Scheme name*

BE:Supervision/Accreditation Status List of certification services from Certification Service Providers, which are supervised/accredited by the referenced Scheme Operator Member State for compliance with the relevant provisions laid down in Directive 1999/93/EC of the European Parliament and of the Council of 13 December 1999 on a Community framework for electronic signatures and its implementation in the referenced Member State's laws.

## *Legal Notice*

The applicable legal framework for the present TSL implementation of the Trusted List of supervised/accredited Certification Service Providers for Belgium is the Directive 1999/93/EC of the European Parliament and of the Council of 13 December 1999 on a Community framework for electronic signatures and its implementation in Belgian laws. The applicable legal national framework is the Belgian CSP act of 9 July 2001 to create a legal framework for the usage of electronic signatures and certification services.

*Scheme territory* BE

*Scheme status* appropriate

*determination approach*

*Scheme type* <http://uri.etsi.org/TrstSvc/eSigDir-1999-93-EC-TrustedList/schemerules/common>  
*community rules* <http://uri.etsi.org/TrstSvc/eSigDir-1999-93-EC-TrustedList/schemerules/BE>

*Issue date* 2011-05-01T00:00:00.000Z

*Next update* 2011-09-15T00:00:00.000Z

*Historical information period* 10959 days

*Sequence number* 5

*Scheme information URIs* <http://tsl.belgium.be/>

## ***Scheme Operator***

*Scheme operator name* FPS Economy, SMEs, Self-employed and Energy - Quality and Security - Information Management

*Scheme operator street address* NG III - Koning Albert II-laan 16

*Scheme operator postal code* 1000

*Scheme operator locality* Brussels

*Scheme operator state* Brussels

*Scheme operator country* BE

*Scheme operator contact* <http://economie.fgov.be>  
<mailto:be.sign@economie.fgov.be>

## ***Trust Service Providers***

### ***Certipost NV/SA***

*Service provider trade name* Certipost NV/SA  
*Information URI* <http://repository.eid.belgium.be/EN/Index.htm>  
<http://www.certipost.be/dpsolutions/en/e-certificates-legal-info.html>  
*Service provider street address* Centre Monnaie  
*Service provider postal code* 1000  
*Service provider locality* Brussels  
*Service provider state* Brussels  
*Service provider country* BE

### ***CN=Belgium Root CA, C=BE***

*Type* CA/QC  
*Status* undersupervision  
*Status starting time* 2003-01-26T23:00:00.000Z

### ***Service digital identity (X509)***

*Version* 3  
*Serial number* 117029288888937864350596520176844645968  
*Signature algorithm* SHA1withRSA  
*Issuer* CN=Belgium Root CA, C=BE  
*Valid from* Mon Jan 27 00:00:00 CET 2003  
*Valid to* Mon Jan 27 00:00:00 CET 2014  
*Subject* CN=Belgium Root CA, C=BE  
*Public key* Sun RSA public key, 2048 bits  
modulus:  
2532727247174242475310876111302551541350771290487408393990707355  
3139389403581555633427000903307438065008396155423372038139338001  
1292283973874375661691461475691011321537351475763725785500152445  
9884908283374968661826239871065222401938973133495715806769163244  
2561241462450868417538609485432931629806056877222374520561111218  
9904505418533484099385023144445138975351025575749503679547226381  
0313002138087279503333496722494200200493483881237347138441152657  
9026650775354589375802255665011941485467556333747329602589496041  
6159860774175448506963241118776049541934983183035608916277217984  
30948172071644141969017225065301229219951  
public exponent: 65537  
*Subject key identifier* 10f00c569b61ea573ab635976d9fddb9148edbe6  
*Authority key identifier* 10f00c569b61ea573ab635976d9fddb9148edbe6

*Key usage*

keyCertSign  
cRLSign

*Basic constraints*

CA=true; PathLen=unlimited

*SHA1 Thumbprint*

dfdfac8947bdf75264a9233ac10ee3d12833dacc

*SHA256 Thumbprint*

7c7ed4240bb253bb35c376e12e00b027f1659df9d8267422a93eed75edc7adfb

*Extension (critical: true)*

**Qualifications**

Qualifier: QCSSCDStatusAsInCert

Assert: atLeastOne

Policy OID: 2.16.56.1.1.1.2.1

Policy OID: 2.16.56.1.1.1.7.1

**Additional service information**

RootCA-QC

*The decoded certificate:*

```
[
[
Version: V3
Subject: CN=Belgium Root CA, C=BE
Signature Algorithm: SHA1withRSA, OID = 1.2.840.113549.1.1.5

Key: Sun RSA public key, 2048 bits
modulus:
25327272471742424753108761113025515413507712904874083939907073553139389403581555633427000903307438065008396155423372038139338001129228397387437566169146147569101132153735147
5763725785500152445988490828337496866182623987106522240193897313349571580676916324425612414624508684175386094854329316298060568772223745205611121899045054185334840993850231
4445138975351025575749503679547226381031300213808727950333349672249420020049348388123734713844115265790266507753545893758022556650119414854675563337473296025894960416159860
774175448506963241118776049541934983183035608916277217984309481720716444141969017225065301229219951
public exponent: 65537
Validity: [From: Mon Jan 27 00:00:00 CET 2003,
          To: Mon Jan 27 00:00:00 CET 2014]
Issuer: CN=Belgium Root CA, C=BE
SerialNumber: [ 580b056c 5324dbb2 5057185f f9e5a650]

Certificate Extensions: 6
[1]: ObjectID: 2.16.840.1.113730.1.1 Criticality=false
NetscapeCertType [
  SSL CA
  S/MIME CA
  Object Signing CA]

[2]: ObjectID: 2.5.29.14 Criticality=false
SubjectKeyIdentifier [
KeyIdentifier [
0000: 10 F0 0C 56 9B 61 EA 57 3A B6 35 97 6D 9F DD B9 ...V.a.W:.5.m...
0010: 14 8E DB E6 ....
]
]

[3]: ObjectID: 2.5.29.35 Criticality=false
AuthorityKeyIdentifier [
KeyIdentifier [
0000: 10 F0 0C 56 9B 61 EA 57 3A B6 35 97 6D 9F DD B9 ...V.a.W:.5.m...
0010: 14 8E DB E6 ....
]
]

[4]: ObjectID: 2.5.29.32 Criticality=false
CertificatePolicies [
[CertificatePolicyId: [2.16.56.1.1.1]
[PolicyQualifierInfo: [
qualifierID: 1.3.6.1.5.5.7.2.1
qualifier: 0000: 16 20 68 74 74 70 3A 2F 2F 72 65 70 6F 73 69 74 . http://reposit
0010: 6F 72 79 2E 65 69 64 2E 62 65 6C 67 69 75 6D 2E ory.eid.belgium.
0020: 62 65 be
]] ]
]

[5]: ObjectID: 2.5.29.15 Criticality=true
KeyUsage [
Key_CertSign
CrL_Sign
]

[6]: ObjectID: 2.5.29.19 Criticality=true
BasicConstraints:[
```

---

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```
CA:true
PathLen:2147483647
]

Algorithm: [SHA1withRSA]
Signature:
0000: C8 6D 22 51 8A 61 F8 0F 96 6E D5 20 B2 81 F8 C6 .m"Q.a...n. ....
0010: DC A3 16 00 DA CD 6A E7 6B 2A FA 59 48 A7 4C 49 .....j.k*.YH.LI
0020: 37 D7 73 A1 6A 01 65 5E 32 BD E7 97 D3 D0 2E 3C 7.s.j.e^2.....<
0030: 73 D3 8C 7B 83 EF D6 42 C1 3F A8 A9 5D 0F 37 BA s.....B.?..].7.
0040: 76 D2 40 BD CC 2D 3F D3 44 41 49 9C FD 5B 29 F4 v.@...?.DAI...].
0050: 02 23 22 5B 71 1B BF 58 D9 28 4E 2D 45 F4 DA E7 .#[q..X.(N-E...
0060: B5 63 45 44 11 0D 2A 7F 33 7F 36 49 B4 CE 6E A9 .cED..*.3.6I..n.
0070: 02 31 AE 5C FD C8 89 BF 42 7B D7 F1 60 F2 D7 87 .1.\.....B...].
0080: F6 57 2E 7A 7E 6A 13 80 1D DC E3 D0 63 1E 3D 71 .W.z.j.....c.=q
0090: 31 B1 60 D4 9E 08 CA AB F0 94 C7 48 75 54 81 F3 1.^.....HuT..
00A0: 1B AD 77 9C E8 B2 8F DB 83 AC 8F 34 68 E8 BF C3 .w.....4k...
00B0: D9 F5 43 C3 64 55 EB 1A BD 36 86 36 BA 21 8C 97 ..C.dU...6.6.!..
00C0: 1A 21 D4 EA 2D 3B AC BA EC A7 1D AB BE B9 4A 9B .!...;.....J.
00D0: 35 2F 1C 5C 1D 51 A7 1F 54 ED 12 97 FF F2 6E 87 5/.\.Q..T.....n.
00E0: 7D 46 C9 74 D6 EF EB 3D 7D E6 59 6E 06 94 04 E4 .F.t...=.Yn....
00F0: A2 55 87 38 28 6A 22 5E E2 BE 74 12 B0 04 43 2A .U.8(j"^\...C*
```

### The certificate in PEM format:

```
-----BEGIN CERTIFICATE-----
MIIDLDCCAnygAwIBAgIQWAsFbFMk27JQVxf+eWmUDANBgkqhkiG9w0BAQUFADAN
M0swCQYDVQQGEwJCRTEYMBYGA1UEAxMPQmVsZ21lbSBzS290IENBMB4XDzA0MDEy
NjIzMDAwMFoXDTE0MDEyNjIzMDAwMFowZELMAKGAEQIBAQEBAQgEPADCCAQoCggEB
AMihceKCRKJ5eHFVna6ppKsot03HIOswkVp19eLSz8MFJhCWK3HECVAQGa+X0S
J4fpn0VxTiIj0RIVqjBeoiG52bv/9nTrMQHn035YD5EWTXaJqAFPrSjmcPpLHZXB
MFjqvNl12Jq0i0tJRLLf0LMVdssUXRLJsw9q09P9vMI7EU/CT9YvzvU7wCMgTVy
v/cY6pZifSsofxVs9LkYn0FrMhtB20yvmi4BUCuVjHWPmbxM0jvxKuTXgfeMo8S
dKpbNCNUw0pszv42kqgJF+qhLc9s44Qd3ocuMws80IhUDiVLlg5cYx+dtA+mqh
pIqTm6chBocdJ9PEoc1MsG8CAwEAa0BuzCBuDA0BgNVHQ8BAf8EBAMCAQYwDwYD
VR0TAQH/BAUwAwEB/zBCBgNVHSAE0zA5MDCGBWA4AQEBMCA4wLAYIKwYBBQUHAgEW
IGH0dHA6Ly9yZXBvc2l0b3J3LmVpZC51ZWxnaXVtLmJlLmB0GA1UdDgQWBQ08Axw
m2HqVzq2Nzdtn925FI7b5jARBglghkgBhvhCAQEEBAMCAAcwHwYDVR0jBBgwFoAU
EPAMVpth61c6tjWxbZ/duRS02+YwDQYJKoZIhvcNAQEFBQADggEBAMhtILGKYfgP
lm7VILKb+MbcxYA2s1q52sq+llIp0xJN9dzoWbZV4yveeX09AuPHPTjHuD79ZC
wt+oqV0PN7p20kC9zC0/00RBSZz9Wyn0A1M1w3Ebv1jZKE4trfTa57vjRU0R05p/
M3825bT0bqkCMA5c/ciJv0J71/Fg8teH9Lcuen5qE4Ad30PQYx49cTGxYNSeCMqr
8JTHSHVUgfmBrXec6LKP240sjzRr6L/D2FVDw2RV6xq9NoY2uiGMLxoh10ot06y6
7Kcdq765Sps1LxxCHVGnHITtEp/8m6HFubJdNbv6z1951luBpQE5KJVhzgoaiJe
4r50ErAE0yo=
-----END CERTIFICATE-----
```

## CN=Belgium Root CA2, C=BE

Type	CA/QC
Status	undersupervision
Status starting time	2007-10-04T10:00:00.000Z

## Service digital identity (X509)

Version	3
Serial number	3098404661496965511
Signature algorithm	SHA1withRSA
Issuer	CN=Belgium Root CA2, C=BE
Valid from	Thu Oct 04 12:00:00 CEST 2007
Valid to	Wed Dec 15 09:00:00 CET 2021
Subject	CN=Belgium Root CA2, C=BE

*Public key* Sun RSA public key, 2048 bits  
modulus:  
2505202035897286929802442931365977782136110157856742564234839581  
6436795380283967224876983130034020316820575216355360416605004533  
4718830407023741150537135469000352360279650474826843696574001315  
5524363953296559605768293726462748683867807979476223046936921095  
0088797578757728341339292333654654510981797643030670179357915156  
5262158435123606358334230710497624432217765218126527057253528859  
3688668361490384043063624052887014382463758810568004079588144865  
4643858460532713400822409146679502714797245542101554942867836639  
3080491585356622044306227220916440412947986826263456222477031966  
11536459503012648921426461410998536799349  
public exponent: 65537

*Subject key identifier* 858aebf4c5bbbe0e590394ded6800115e3109c39

*Authority key identifier* 858aebf4c5bbbe0e590394ded6800115e3109c39

*Key usage* keyCertSign  
cRLSign

*Basic constraints* CA=true; PathLen=unlimited

*SHA1 Thumbprint* 51cca0710af7733d34acdc1945099f435c7fc59f

*SHA256 Thumbprint* 9f9744463be13714754e1a3becf98c08cc205e4ab32028f4e2830c4a1b2775b8

**Extension (critical: true)**

**Qualifications**

Qualifier: QCSSCDStatusAsInCert

Assert: atLeastOne

Policy OID: 2.16.56.9.1.1.2.1

Policy OID: 2.16.56.9.1.1.7.1

**Additional service information**

RootCA-QC

*The decoded certificate:*

```
[
[
Version: V3
Subject: CN=Belgium Root CA2, C=BE
Signature Algorithm: SHA1withRSA, OID = 1.2.840.113549.1.1.5

Key: Sun RSA public key, 2048 bits
modulus:
25052020358972869298024429313659777821361101578567425642348395816436795380283967224876983130034020316820575216355360416605004533471883040702374115053713546900035236027965047
48268436965740013155524363953296559605768293726462748683867807979476223046936921095008879757875772834133929233365465451098179764303067017935791515652621584351236063583342307
10497624432217765218126527057253528859368866836149038404306362405288701438246375881056800407958814486546438584605327134008224091466795027147972455421015549428678366393080491
58535662204430622722091644041294798682626345622247703196611536459503012648921426461410998536799349
public exponent: 65537
Validity: [From: Thu Oct 04 12:00:00 CEST 2007,
To: Wed Dec 15 09:00:00 CET 2021]
Issuer: CN=Belgium Root CA2, C=BE
SerialNumber: [ 2affbe9f a2f0e987]

Certificate Extensions: 6
[1]: ObjectId: 2.16.840.1.113730.1.1 Criticality=false
NetscapeCertType [
SSL CA
S/MIME CA
Object Signing CA]

[2]: ObjectId: 2.5.29.14 Criticality=false
SubjectKeyIdentifier [
KeyIdentifier [
0000: 85 8A EB F4 C5 BB BE 0E 59 03 94 DE D6 80 01 15 .....Y.....
0010: E3 10 9C 39 ...9
]

[3]: ObjectId: 2.5.29.35 Criticality=false
AuthorityKeyIdentifier [
KeyIdentifier [
0000: 85 8A EB F4 C5 BB BE 0E 59 03 94 DE D6 80 01 15 .....Y.....
```

## Belgique/België (Belgium): Trusted List

```
0010: E3 10 9C 39          ...9
]

]

[4]: ObjectID: 2.5.29.32 Criticality=false
CertificatePolicies [
  [CertificatePolicyId: [2.16.56.9.1.1]
  [PolicyQualifierInfo: [
    qualifierID: 1.3.6.1.5.5.7.2.1
    qualifier: 0000: 16 20 68 74 74 70 3A 2F 2F 72 65 70 6F 73 69 74 . http://reposit
0010: 6F 72 79 2E 65 69 64 2E 62 65 6C 67 69 75 6D 2E ory.eid.belgium.
0020: 62 65          be

]] ]
]

[5]: ObjectID: 2.5.29.15 Criticality=true
KeyUsage [
  Key_CertSign
  Crl_Sign
]

[6]: ObjectID: 2.5.29.19 Criticality=true
BasicConstraints:[
  CA:true
  PathLen:2147483647
]

]
Algorithm: [SHA1withRSA]
Signature:
0000: 51 D8 85 DD BB 57 6F CC A0 6C B5 A3 20 9C 53 09 Q...Wo...S.
0010: F3 4A 01 0C 74 BF 2B B3 9A 9A BA 18 F2 0B 88 AC .J..t.+.....
0020: 1C B3 33 AF CE E5 13 01 27 92 84 58 9A 10 B9 F7 .3.....X....
0030: CC 14 92 6B 74 16 8A 96 E8 51 EF BF FA 4A 25 A7 ...kt...Q...J%.
0040: 89 B6 63 2B 5D 94 58 D1 CF 11 72 B6 1E B9 39 41 ...c+].X...r...9A
0050: 16 4D 29 BC 35 53 0B DA DE 8E 0E CD A9 95 77 25 .M).5S.....w%
0060: CA 94 5A E9 B2 69 AE D8 C0 13 BE 98 FC 96 9C 84 ..Z..i.....
0070: 7F 55 13 E6 3C 87 E3 BC 20 A4 A4 36 68 6B 4D 60 .U..<...6hkM'
0080: 66 1C F9 BF AC 80 94 66 2E B9 41 8A D3 65 D3 84 f.....f..A..e..
0090: 80 02 EF 50 1D 5E 46 DC F7 C9 BA B5 34 7C 2A F3 ...P.^F...4.*.
00A0: C6 D8 5F 5F 54 9D DB 4D CD 11 E7 FD 14 02 83 66 ...T..M.....f
00B0: 5E C8 A6 00 12 A0 5F BE CE 14 FE BB 1F A7 61 F7 ^....._.....a.
00C0: AB 4A F1 06 14 9F CA 49 42 C2 A9 BC ED 85 B1 AB .J.....IB.....
00D0: 81 41 E6 0D C5 42 69 53 87 39 9D 4C 1F 00 0E 3E .A...BiS.9.L...>
00E0: 07 0D 75 57 44 A8 53 B4 36 76 64 99 DC 6E EB 3D ..uW0.S.6vd..n.=
00F0: 46 6E 14 5D 5E 47 53 8D 78 4D E0 27 BB 8E 85 76 Fn.]^GS.xM.'....v

]


```

### The certificate in PEM format:

```
-----BEGIN CERTIFICATE-----
MIIDjjCCAnagAwIBAgIIVKv+n6Lw6YcwDQYJKoZIhvcNAQEFBQAwKDELMAkGA1UE
BhMCQKUKUXTAXBgNVBAMTEEJlbgdpdW0gUm9vdCBDQTIwHhcNMDCxMDA0MTAwMDAw
WhcNMjE1MDgwMDAwMjAoMQswCQYDVQQGEwJCRTEZMBcGA1UEAxMQMVsZ211
bSB5b290IENBMjCCASIAwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMZz0h6S
/3UPi790hqC/7bIYLS2X+an7mEoj39WN4IzGMhwLQdC1i22bi+n9fzGHYjd1d61
IgdMqFNAn68KNaJ6x+HK92AQZw6nUHMxU5wfIp8MXW+2QbyM69odRr2nLL/zGsvU
+400HjPlltfsjFPekx40HopQcSZYtF3CiInaYKJIT/eIwEYNm7hLHADBGXvmAYr
XR5i3FVr/mZkIV/4L+HXmymvb82fqqxG0YjFnaKvN6w/Fa7yYd/vw2uaItgscf1Y
HewApDggLVrH1Tdjuk+bqv5WR15j2Qsj1Yr6tSPwiRuhFA0m2kHw0I8w7QUmecFL
TqG4f1V50mlGhHUCaWEAAa0BuzCBuDAOBgNVHQ8BAF8EBAMCAQYwDwYDR0TAQH/
BAUwAwEB/zBCBgNVHSAE0zA5MDcGBW44CQEBMC4wLAYIKwYBBQUHAgEWIgH0dHA6
Ly9yZXBvc2l0b3J5LmVpZC5iZWxnaXVtLmJlMB0GA1UdDgQWBBSFiuuv0xbu+DlkD
lN7WgAEV4xCcOTARBg1ghkgBhvCAQEEBAMCAAcwHwYDR0jBBgwFoAUHyr9MM7
vg5Z5Te1oABFeMQndkwDQYJKoZIhvcNAQEFBQADggEBAFHYhd27V2/MoGy1oyCc
Uwnz5GmDL8rs5qauhJyC4isHLmZr87LEwEnkoRYmhC598wUkmt0F0qW6FHvv/pK
JaeJtmMrZRY0c8RcrYeuTLBFk0pvDVTc9rejj7NqZV3JcUWumyaa7YwB0+mPyW
nIR/VRPmPIfjvCkcpDZoa01gZhz5v6yALGYuuUGK02XThIAC71AdXkbc98m6tTR8
KvPG2F9FVJ3bTc0R5/0UAoNmXsimABKqX770FP67H6dh96tK8QYUn8pJ0sKpv02F
sauB0eYNxUjpu4c5nUwFAA4+Bw11V0S0U7Q2dmS23G7rPUZuFF1eR10NeE3gJ7u0
hXY=
-----END CERTIFICATE-----
```

**CN=Certipost E-Trust Primary Qualified CA, O=Certipost**

**s.a./n.v., C=BE**

Type

CA/QC

Status

undersupervision

Status starting time

2005-07-26T10:00:00.000Z

## Service digital identity (X509)

Version 3  
Serial number 4835703278459639067624485  
Signature algorithm SHA1withRSA  
Issuer CN=Certipost E-Trust Primary Qualified CA, O=Certipost s.a./n.v., C=BE  
Valid from Tue Jul 26 12:00:00 CEST 2005  
Valid to Sun Jul 26 12:00:00 CEST 2020  
Subject CN=Certipost E-Trust Primary Qualified CA, O=Certipost s.a./n.v., C=BE  
Public key Sun RSA public key, 2048 bits  
modulus:  
2198165027276639742335246370299919491834299685174947076499863829  
7101984511083629850948734739259892644517804066934196324549964291  
3192950780187748886826305662589231481198165241013890789999605732  
7037799082855868763511239453871155320357733059447691386874174245  
6351418525550214828297591584323227847019805029382183516476456072  
1350350984913304723496042939229874921930931967750335049019790482  
8017572130561815887751919653650932481620948873902322540903538293  
2017480465444929903218227769334668958530404811571842689601047281  
9175682817566553198501338089830997047280971197474917236039149732  
00214236187812432050305807187505398614653  
public exponent: 65537  
Subject key identifier f078f9077710bbdc1ea1ae79fb3010dbc634f817  
Key usage keyCertSign  
cRLSign  
Basic constraints CA=true; PathLen=unlimited  
SHA1 Thumbprint 742cdf1594049cbf17a2046cc639bb3888e02e33  
SHA256 Thumbprint 058a40323ec8c46262c3052a5d357b91ac24d3da26351b3ff4407e99f7a4e9b4

## Extension (critical: true)

### Qualifications

Qualifier: QCForLegalPerson

Assert: atLeastOne

Policy OID: 0.3.2062.7.1.1.112.1

Policy OID: 0.3.2062.7.1.1.140.1

Policy OID: 0.3.2062.7.1.1.111.1

### Additional service information

RootCA-QC

### The decoded certificate:

```
[
  [
    Version: V3
    Subject: CN=Certipost E-Trust Primary Qualified CA, O=Certipost s.a./n.v., C=BE
    Signature Algorithm: SHA1withRSA, OID = 1.2.840.113549.1.1.5

    Key: Sun RSA public key, 2048 bits
    modulus:
    21981650272766397423352463702999194918342996851749470764998638297101984511083629850948734739259892644517804066934196324549964291319295078018774888682630566258923148119816524
    10138907899996057327037799082855868763511239453871155320357733059447691386874174245635141852555021482829759158432322784701980502938218351647645607213503509849133047234960429
    39229874921930931967750335049019790482801757213056181588775191965365093248162094887390232254090353829320174804654449299032182277693346689585304048115718426896010472819175682
    81756655319850133808983099704728097119747491723603914973200214236187812432050305807187505398614653
    public exponent: 65537
    Validity: [From: Tue Jul 26 12:00:00 CEST 2005,
      To: Sun Jul 26 12:00:00 CEST 2020]
    Issuer: CN=Certipost E-Trust Primary Qualified CA, O=Certipost s.a./n.v., C=BE
    SerialNumber: [ 04000000 00010552 64c425]

Certificate Extensions: 5
[1]: ObjectID: 2.16.840.1.113730.1.1 Criticality=false
NetscapeCertType [
```





Not after Mon Feb 24 11:42:04 CET 2020
Serial number 15681248625855287085
Version 3
Public key SHA1 0e2b1b3ce368b11ae8b9221982ce69740e3dceb9
Thumbprint
Public key SHA256 2efdccb9b768ea9654152816c48a53857f658c50462c12f66f5d56c0961616d
Thumbprint

The decoded certificate:

[
[
Version: V3
Subject: OU=Ministry of Economic Affairs, O=Belgian Federal Government, C=BE, CN=Belgian Trust List Scheme Operator
Signature Algorithm: SHA1withRSA, OID = 1.2.840.113549.1.1.5
Key: Sun RSA public key, 2048 bits
modulus:
24006751729987737463285030452993902374629050526542016130031750322293743139213202784813213482709335152611031406391633037540032036565000829743608508868431427838960727335586132
72260024738022754521550978668073613848886314527876619695170205142182992106517625874476574000109694632025016183163606961399776610711940089307587500742164497411652253547139771
6933457334399558495891953127385660029376236782791146443818739080758252054642538448809693082368758428714040768299077118739227256650318169746736582053355188697019790131215442
97724080223514852080052393728286375475080791685309752463786509412302789223792002372173162207444189
public exponent: 65537
Validity: [From: Fri Feb 26 11:42:04 CET 2010,
To: Mon Feb 24 11:42:04 CET 2020]
Issuer: OU=Ministry of Economic Affairs, O=Belgian Federal Government, C=BE, CN=Belgian Trust List Scheme Operator
SerialNumber: [ d99efc8a daafc2d]

Certificate Extensions: 4
[1]: ObjectID: 2.5.29.14 Criticality=false
SubjectKeyIdentifier [
KeyIdentifier [
0000: 95 B3 07 E5 F3 52 B0 CB 0F E9 68 00 1F D0 B4 65 .....R....k....e
0010: 75 CC 6E 6C u.nl
]

[2]: ObjectID: 2.5.29.37 Criticality=false
ExtendedKeyUsages [
0.4.0.2231.3.0
]

[3]: ObjectID: 2.5.29.15 Criticality=false
KeyUsage [
DigitalSignature
]

[4]: ObjectID: 2.5.29.19 Criticality=false
BasicConstraints:[
CA:false
PathLen: undefined
]

Algorithm: [SHA1withRSA]
Signature:
0000: A6 25 D0 FC 3F B8 08 E8 D5 9F E5 E2 BF DD FA E7 .%.?.....
0010: A9 C1 F0 5F 2E 7B FC 54 B8 1A 69 D0 2B 4F 2B BE ....\_.T..i.+0+.
0020: 52 F0 D2 53 FF 11 C5 BD 1E 6B B5 A7 CD 58 B2 1B R..S.....k...X..
0030: 1C 49 23 70 0C ED ED 1C 33 32 5F 2E 01 6D 43 CC .I#p.....32...m.C.
0040: D1 BF F2 A0 8C BC 6D 1A 59 77 11 4F 2B 01 22 9C .....m.Yw.0+."
0050: 48 57 D5 E2 74 07 1F 51 9A C7 26 6C 1C 40 FC 41 HW.t..Q..&l.@.A
0060: 57 1E 9E F8 E4 41 03 7F DF 7E E1 58 BB 68 6D 00 W....A.....X.hm.
0070: 1B E4 B0 D7 03 9C 6B DC 17 EA 1E 49 93 16 23 B5 .....k...I..#.
0080: 82 0F 66 D2 F6 D6 BF 8D 1A 28 3B 4A 5A DB DF 9C ..f.....(;JZ...
0090: 86 61 95 86 25 97 BD 40 09 70 9F B6 D7 C5 30 4D .a.%..@.p....0M
00A0: 24 CE F8 E4 12 30 EE 6C 1D 5D 47 DA 91 81 63 99 \$....0.l.]G....c.
00B0: 88 4F B7 8B 8D CF 9D 69 7D 74 B4 56 37 5B 58 DF .0.....i.t.V7[X.
00C0: CC 26 B5 11 CC 1A 20 A0 AF 19 00 D7 04 33 0F 8C .&.....3...
00D0: 96 FC 16 6C BC B2 BC 64 EB 95 53 C4 07 13 FE 01 ...l...d..S.....
00E0: E7 AF 6E BA 99 50 5B 0C 75 D5 DB FC 69 22 9F 61 ...n..P[....i".a
00F0: 92 43 1B 65 1D 49 51 D5 51 1B 2C E1 36 BC D5 42 .C.e.IQ.Q...6..B

The certificate in PEM format:

-----BEGIN CERTIFICATE-----
MIID3TCAwGAgIABAgIJAjANMe/Irar88tMA0GCSqGSIb3DQEBBQUAMIGGMSwKQYD
VQDEYjCZwxnaWfUFRydxN0IExpC3QgU2NoZW11IE9wZXJhdG9yMQswCQYDVQQL
EwJCRTEjMCEGA1UEChMAMQmVsZ2Zhb1BGZWRlcmFsIEEdvdmVybmlLbnQxJTAjBgNV
BAsTHERlplbmLzdHJ5IG9mIEVjb25vbWljIEFmZmFpcnMwHhcNMTAwMjM0MjA0MjA0
WWhcNMjAwMjM0MjA0MjM0MjA0MjM0MjA0MjM0MjA0MjM0MjA0MjM0MjA0MjM0MjA0
IFNjaGVtZSBPcGVyYXRvcjELMAKGA1UEBHMCCkxIzAhBgNVBAoTGlJlbGdpYW4g
RmVhZDZjZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
ZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZmZm
V+yO3zWjVTDHeBLZDvMucvPJXG8Lu7PbfwdOpCrF/b04AZLAMARVsvH0o1MvHULF

---

## Belgique/België (Belgium): Trusted List

---

```
Fxh0enzVTEkduqtBzTicZNomw5qIdK0Lb6gWEcRbvBJzgcNauLn30GgXuA1WmDvd
350fAWQKvRb83QIDAQABo9wSjAJBgNVHRMEAjAAMAsGA1UdDwQEAwIHgDAdBgNV
H04EFgQU1bMH5fNSMsP6WsAH9C6ZXMMbmwEQYDVR0LBAowCAYGBACRNwMAMA0G
CSqGS1b3DQEBBQUAA4IBAQCmJdD8P7gI6Nwf5eK/3frnqchWxy57/FS4GmnQK08r
vLLw0LP/Ecw9Hmu1p81YshscSSNwD03tHDMYxy4BbUPM0b/yoIy8bRpZdxFPKwEi
nEhX1eJ0Bx9RmscmbBxA/EFXHp745EEDf99+4Vi7aG0AG+Sv1w0ca9wX6h5JkxYj
tYIPZtL2l1r+NGig7S1rb35yGYZwGJZe9QALwn7bXtBNJM745BIw7mwdXUfakYfj
mYhPt4uNz51pfxS0VjdbwN/HJrURzBogok8ZANcEMw+MlvwBlyyvGTrLVPEBxP+
AeevbrqZUFsMddXb/Gkin2GSQxtLHULR1VEbLOE2vNVC
-----END CERTIFICATE-----
```

### *The public key in PEM format:*

```
-----BEGIN PUBLIC KEY-----
MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAviuMAu242Bg3jILV+Lkm
1FNAGBzjDDXtP9+zi+0f0jzBacWXR67a5hUuPggpEgPt8yGe83dQkjmhS8hpUw
Zbs7WcbDg0C6ewI7+LSE4wq2sEU/9mXMBDTqyhmnu5p0eM8fGVuBzQWMLj2Zsm
RbeGEfZxbp37tT3X5ok289YbUp5ngyMrYZjLh75ncHT495JgaIVqV+y03zwjvTDH
eBLZDvMucvPJX68Lu7Pbfdw0pCrF/b04AzLAMARVsvW0oLMvHULFFxh0enzVTEkd
uqtBzTicZNomw5qIdK0Lb6gWEcRbvBJzgcNauLn30GgXuA1WmDvd350fAWQKvRb8
3QIDAQAB
-----END PUBLIC KEY-----
```