

CA Certificate Chain

Total number of certificates: 2

ORC ECA Foreign Nationals CA 1 Signing Certificate:

Certificate Subject DN

CN=ORC ECA Foreign Nationals CA 1,OU=Certification Authorities,OU=ECA,O=U.S. Government,C=US

Certificate in base64 encoded format

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

```
MIIEHZCCA4igAwIBAgIBlzANBgkqhkiG9w0BAQUFADBLMQswCQYDVQQGEwJVUzEY
MBYGA1UEChMPVS5TLiBHb3Zlcm5tZW50MQwwCgYDVQQLEwNFQ0ExFDASBgNVBAMT
C0VDQSBsb290IENBMB4XDTA3MDYyOTExMzZlcm5tZW50MQwwCgYDVQQLEwNFQ0Ex
FDASBgNVBAMT C0VDQSBsb290IENBMB4XDTA3MDYyOTExMzZlcm5tZW50MQwwCgYDV
QQLEwNFQ0ExFDASBgNVBAMT A0VDQTEiMCAGA1UECXMZQ2VydGlmYWVhdGlvbiBBdXR
ob3JpdGllczEnMCUGA1UE AxMeT1JDIEVDQSBGbb3JlaWduIE5hdGlvbmFscyBDQSAx
MIGfMA0GCSqGSIb3DQEB AQUAA4GNADCBiQKBgQDAIFrDPkuYgr1oble01gfi3HxgWS
Jq/T3MINKNcF4SBc8i pAkYTWKFPJBkMhwXoOXUvMeaRr+yYqUOclRHfVra4mQlv8B
39GIHNG/NS2EAyjE7 ErVX8tmix+xJMTv06NL1uOSIR4wzri5cOVp6ZnNhU45r0Ln
J0+KiTsE/Cwd6EQID AQABo4IB2TCCAdUwEgYDVROTAQH/BAGwBgEB/wIBADAObgNV
HQ8BAf8EBAMCAYYw HwYDVR0jBBGwFoAU9rgEJw5WFtm5Y9n9oVRIQaAISC8wHQYD
VR0OBBYEFJqYpA6x /pUtP/X014Zgo8TL5EtSMIBKQYDVR0fBIBIDCCARwwgY2ggYq
ggYeGgYRsZGFw Oi8vY3JsLmNoYW1iLmRpc2EubWlsL2NuJTNERUNBJTIwUm9vdCUy
MENBJTJDJTIw b3UIM0RFQ0EIMkMIMjBvJTNEVS5TLiUyMEdvdmVybm1lbnQIMkMIMj
BjJTNEVVM/ Y2VydGlmYWVhdGlvbGVyZXZvY2F0aW9ubGlzdDtiaW5hcnkkgwYm
ggYaggYOGgYBsZGFw Oi8vZWNhLWRzLm9yYy5jb20vY24IM0RFQ0EIMjBsb290JT
lwQ0EIMkMIMjBvdSUz REVDQSUyQyUyMG8IM0RVLIMuJTlwR292ZXJubWVudCUyQy
UyMGMIM0RVUz9jZXJ0 aWZpY2F0ZXJldm9jYXRpb25saXN0O2JpbmFyeTBBCBggr
BgEFBQcBAQQ2MDQwMgYI KwYBBQUHMAKGJmh0dHA6Ly9lY2Eub3JjLmNvbS9jZXJ0
cy9lY2Fybn290Y2EucDdj MA0GCSqGSIb3DQEBBQUAA4GBAInh2xBkxvaKsIGkX
M4LF/+zjUbahj8TzmAgbNJu cnbVsUVwA50jTT6dKrkj4D1U/vV/VC2pOIUGIEAB
79/h/FfV1NyaWsXTiWN97tSo/ z9EY4f7p3DS83+Hlfk7uP3H2uwsU9R9C6+LP7g
NmnggtZ2XIGJew5YY7xFEKN5952 0VbV
```

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

Certificate Contents

Certificate:

Data:

Version: v3

Serial Number: 0x23

Signature Algorithm: SHA1withRSA - 1.2.840.113549.1.1.5

Issuer: CN=ECA Root CA,OU=ECA,O=U.S. Government,C=US

Validity:

Not Before: Friday, June 29, 2007 11:33:36 AM GMT

Not After: Sunday, June 30, 2013 10:33:36 AM GMT

Subject: CN=ORC ECA Foreign Nationals CA 1,OU=Certification Authorities,OU=ECA,O=U.S. Government,C=US

Subject Public Key Info:

Algorithm: RSA - 1.2.840.113549.1.1.1

Public Key:

Exponent: 65537

Public Key Modulus: (1024 bits) :

C0:94:5A:C3:3E:4B:98:82:BD:68:6C:87:B4:D6:07:E2:
DC:7C:60:59:22:6A:FD:3D:CC:20:D2:8D:70:5E:12:05:
CF:22:A4:09:18:4D:62:85:A4:90:64:32:1C:17:A0:E5:
D4:BC:C7:9A:46:BF:B2:62:A5:0E:70:B4:47:7D:5A:DA:
E2:64:08:BF:C0:77:F4:69:47:34:6F:CD:4B:61:00:CA:
31:3B:12:B5:57:F2:D9:A5:C7:EC:49:31:3B:F4:E8:D2:
F5:B8:E4:88:47:8C:33:AE:2E:5C:39:5A:7A:66:73:61:
53:8E:6B:D0:B9:C9:D3:E2:A2:4E:C1:3F:0B:07:7A:11

Extensions:

Identifier: Basic Constraints - 2.5.29.19

Critical: yes

Is CA: yes

Path Length Constraint: 0

Identifier: Key Usage: - 2.5.29.15

Critical: yes

Key Usage:

Digital Signature

Key CertSign

Crl Sign

Identifier: Authority Key Identifier - 2.5.29.35

Critical: no

Key Identifier:

F6:B8:04:27:0E:56:16:D9:B9:63:D9:FD:A1:54:65:41:
A0:08:48:2F

Identifier: Subject Key Identifier - 2.5.29.14

Critical: no

Key Identifier:

9A:98:A4:0E:B1:FE:95:2D:3F:F5:F4:23:86:60:A3:C4:
CB:E4:4B:52

Identifier: CRLDistributionPoints - 2.5.29.31

Critical: no

Value:

30:82:01:1C:30:81:8D:A0:81:8A:A0:81:87:86:81:84:
6C:64:61:70:3A:2F:2F:63:72:6C:2E:63:68:61:6D:62:
2E:64:69:73:61:2E:6D:69:6C:2F:63:6E:25:33:44:45:
43:41:25:32:30:52:6F:6F:74:25:32:30:43:41:25:32:
43:25:32:30:6F:75:25:33:44:45:43:41:25:32:43:25:
32:30:6F:25:33:44:55:2E:53:2E:25:32:30:47:6F:76:
65:72:6E:6D:65:6E:74:25:32:43:25:32:30:63:25:33:
44:55:53:3F:63:65:72:74:69:66:69:63:61:74:65:72:
65:76:6F:63:61:74:69:6F:6E:6C:69:73:74:3B:62:69:
6E:61:72:79:30:81:89:A0:81:86:A0:81:83:86:81:80:
6C:64:61:70:3A:2F:2F:65:63:61:2D:64:73:2E:6F:72:
63:2E:63:6F:6D:2F:63:6E:25:33:44:45:43:41:25:32:
30:52:6F:6F:74:25:32:30:43:41:25:32:43:25:32:30:
6F:75:25:33:44:45:43:41:25:32:43:25:32:30:6F:25:
33:44:55:2E:53:2E:25:32:30:47:6F:76:65:72:6E:6D:
65:6E:74:25:32:43:25:32:30:63:25:33:44:55:53:3F:
63:65:72:74:69:66:69:63:61:74:65:72:65:76:6F:63:
61:74:69:6F:6E:6C:69:73:74:3B:62:69:6E:61:72:79

Identifier: Authority Info Access: - 1.3.6.1.5.5.7.1.1

Critical: no

Access Description:

Method #0: 1.3.6.1.5.5.7.48.2

Location #0: URIName: <http://eca.orc.com/certs/ecarootca.p7c>

Signature:

Algorithm: SHA1withRSA - 1.2.840.113549.1.1.5

Signature:

89:E1:DB:10:64:C6:F6:8A:B0:81:A4:5C:CE:0B:17:FF:
B3:8D:46:DA:86:3F:13:CE:60:20:6C:D2:6E:72:76:D5:
B1:45:70:03:9D:23:4D:3E:9D:2A:B8:F8:0F:55:3F:BD:
5F:D5:0B:6A:4E:95:41:A5:10:00:7B:F7:F8:7F:15:F5:
75:37:26:96:B1:74:E2:58:DF:7B:B5:2A:3F:CF:D1:18:
E1:FE:E9:DC:34:BC:DF:E1:E5:7E:4E:EE:3F:71:F6:BB:
0B:14:F5:1F:42:EB:E2:CF:EE:03:66:82:0B:59:D9:79:
46:25:EC:39:61:8E:F1:14:42:8D:E7:DE:76:D1:56:D5

ORC ECA Root Certificate:

Certificate Subject DN

CN=ECA Root CA,OU=ECA,O=U.S. Government,C=US

Certificate in base64 encoded format

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

```
MIICmDCCAgGgAwIBAgIBDjANBgkqhkiG9w0BAQUFADBLMQswCQYDVQQGEwJVUzEY
MBYGA1UEChMPVS5TLiBHb3Zlcm5tZW50MQwwCgYDVQQLEwNFQ0ExFDASBgNVBAMT
C0VDQSBSb290IENBMB4XDTA0MDYxNDEwMjAwOVoXDTQwMDYxNDEwMjAwOVoXDTQw
MAkGA1UEBhMCVVMxGDAWBgNVBAoTD1UuUy4gR292ZXJubWVudDEMMAoGA1UECxMD
RUNBMRQwEgYDVQQDEwTFQ0EgUm9vdCBDQTCBnzANBgkqhkiG9w0BAQEFAAOBjQAw
gYkCgYEArkr2eXIS6oAKIpDkOlcQZdMGdncoyGCEIU+ktqY3of5SVVXU7/it7kJ1
EUzR4ii2vthQtbww9aAnpQxcEmXZk8eEyiGEPy+cQMIIbY+efOtKgjbQNDZ3IB9
19qzUJwBI2BMxslU1XsJQw9SK10IPbQm4asa8E8e5zTUknZBWNCAwEAAaOBizCB
iDAfBgNVHSMEGDAWgBT2uAQnDIYW2blj2f2hVGVBoAhILzAdBgNVHQ4EFgQU9rgE
Jw5WFtm5Y9n9oVRIQaAISC8wDgYDVR0PAQH/BAQDAgGGMA8GA1UdEwEB/wQFMAMB
Af8wJQYDVR0gBB4wHDAMBgpgghkgBZQMCAQwBMAwGCmCGSAFIAwIBDAIwDQYJKoZI
hvcNAQEFBQADgYEAHh0EQY2cZ209aBb5q0wW1ER0dc4OGzsLyqjHfaQ4TEaMmUwL
AJRta/c4KVWLiwbODsvgJk+CaWmSL03gRW/ciVb/qDV7qh9Pyd1cOlanZTAnPog2
i82yL3i2fK9DCC84uoxEQbgqK2jx9bljFTwIAqITk9fGAm5mdT84IEwq1Gw=
```

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

Certificate Contents

Certificate:

Data:

Version: v3

Serial Number: 0xE

Signature Algorithm: SHA1withRSA - 1.2.840.113549.1.1.5

Issuer: CN=ECA Root CA,OU=ECA,O=U.S. Government,C=US

Validity:

Not Before: Monday, June 14, 2004 10:20:09 AM GMT

Not After: Thursday, June 14, 2040 10:20:09 AM GMT

Subject: CN=ECA Root CA,OU=ECA,O=U.S. Government,C=US

Subject Public Key Info:

Algorithm: RSA - 1.2.840.113549.1.1.1

Public Key:

Exponent: 65537

Public Key Modulus: (1024 bits) :

AE:4A:F6:79:72:12:EA:80:0A:22:90:E4:3A:57:10:65:

D3:06:76:77:28:CA:00:84:21:4F:A4:B6:A6:37:A1:FE:

52:55:55:D4:EF:F8:AD:EE:42:75:11:4C:D1:E2:28:B6:

BE:D8:50:B5:BC:30:F5:A0:27:A5:0C:5C:12:65:D9:93:

C7:84:CA:21:84:3F:2F:9C:09:03:25:94:16:3E:79:F3:

AD:2A:08:DB:40:D0:D9:DE:50:7D:D7:DA:B3:50:9C:01:

97:60:4C:C6:C9:54:D5:7B:09:43:0F:52:2B:5D:25:3D:

B4:26:E1:AB:1A:F0:4F:1E:E7:34:D4:92:76:41:5A:71

Extensions:

Identifier: Authority Key Identifier - 2.5.29.35

Critical: no

Key Identifier:

F6:B8:04:27:0E:56:16:D9:B9:63:D9:FD:A1:54:65:41:

A0:08:48:2F

Identifier: Subject Key Identifier - 2.5.29.14

Critical: no

Key Identifier:

F6:B8:04:27:0E:56:16:D9:B9:63:D9:FD:A1:54:65:41:
A0:08:48:2F

Identifier: Key Usage: - 2.5.29.15

Critical: yes

Key Usage:

Digital Signature

Key CertSign

Crl Sign

Identifier: Basic Constraints - 2.5.29.19

Critical: yes

Is CA: yes

Path Length Constraint: UNLIMITED

Identifier: CertificatePolicies - 2.5.29.32

Critical: no

Value:

30:1C:30:0C:06:0A:60:86:48:01:65:03:02:01:0C:01:
30:0C:06:0A:60:86:48:01:65:03:02:01:0C:02

Signature:

Algorithm: SHA1withRSA - 1.2.840.113549.1.1.5

Signature:

1E:1D:04:41:8D:9C:67:6D:3D:68:16:F9:AB:4C:16:D4:
44:74:75:CE:0E:1B:3B:0B:CA:A8:C7:7D:A4:38:4C:46:
8C:99:4C:0B:00:94:6D:6B:F7:38:29:55:8B:8B:06:CE:
0E:CB:E0:26:4F:82:69:69:92:2F:4D:E0:45:6F:DC:89:
56:FF:A8:35:7B:AA:1F:4F:C9:DD:5C:3A:56:A7:65:30:
27:3E:88:36:8B:CD:B2:2F:78:B6:7C:AF:43:08:2F:38:
BA:8C:44:41:B8:2A:2B:68:F1:F5:B2:23:15:3C:25:02:
A2:13:93:D7:C6:02:6E:66:75:3F:38:20:4C:2A:D4:6C