

esFIRMA Natural Person Linked To Entity Smartcard Authentication Certificate Profile

Country: Any European Union country (*esfirma-pv-sc-auth-eu.pem*)

Version: 2 (*v3*)

SerialNumber: Greater than 0 containing 128 bits of output from a CSPRNG

Signature:

algo: 1.2.840.113549.1.1.11 (*sha256WithRSAEncryption*)

params: NULL

Issuer:

2.5.4.6 (*countryName,C*): EU ISO 3166-1 alpha-2 code (*type: printableString*)

2.5.4.7 (*localityName,L*): ZARAGOZA (*type: printableString*)

2.5.4.10 (*organizationName*): ESPUBLICO SERVICIOS PARA LA ADMINISTRACION SA (*type: printableString*)

2.5.4.11 (*organizationalUnitName*): AUTORIDAD DE CERTIFICACION ESFIRMA - AAPP (*type: printableString*)

2.5.4.5 (*serialNumber,SN*): A50878842 (*type: printableString*)

2.5.4.3 (*commonName,CN*): ESFIRMA AC AAPP 2 (*type: printableString*)

Subject:

2.5.4.6 (*countryName,C*): EU ISO 3166-1 alpha-2 code (*type: printableString*)

2.5.4.10 (*organizationName*): TEST (*type: printableString*)

2.5.4.5 (*serialNumber,SN*): IDCES-99999999R (*type: printableString*)

2.5.4.97 (*organizationIdentifier*): VATES-A9999999G (*type: printableString*)

2.5.4.4 (*surname*): DA CONCEIÇÃO ESPANHOLA (*type: utf8String*)

2.5.4.42 (*givenName,GN*): BIANCA (*type: printableString*)

2.5.4.3 (*commonName,CN*): BIANCA DA CONCEIÇÃO ESPANHOLA - IDCES-99999999R (*AUTENTICACIÓN*) (*type: utf8String*)

Validity:

Duration: ~ 2 years

NotBefore: Date on which the certificate validity period begins

NotAfter: Date on which the certificate validity period ends

SubjectPublicKeyInfo:

Supported algorithms:

1.2.840.113549.1.1.1 (*RSA 2048 bits*)

1.2.840.10045.3.1.7 (*EC NIST P256*)

Extensions:

2.5.29.32 (*Certificate policies*)

Policies:

0.4.0.2042.1.2 (*NCP+*)

1.3.6.1.4.1.47281.1.6.5 (*esFIRMA Natural Person Linked To Entity Smartcard Auth QSCD Policy*)

1.3.6.1.5.5.7.2.1 (*CPS*)

URI: <https://www.esfirma.com/doc-pki/> (*type: IA5String*)

2.5.29.14 (*Subject key identifier*): 160 bit derived from the public key

2.5.29.35 (*Authority key identifier*)

Identifier: 0xf640efc3a72b4de5bf31e9faeec379791f2a0358 (*b64: 9kDvw6crTeW/Men67sN5eR8qA1g=*)

2.5.29.19 (*Basic constraints*)

None

2.5.29.15 (*Key usage*):

Critical

0 (*DigitalSignature*)

2 (*KeyEncipherment*) when RSA key

4 (*KeyAgreement*) when EC P256 key

2.5.29.37 (*Extended key usage*)

1.3.6.1.5.5.7.3.2 (*ClientAuth*)

2.5.29.31 (*Revocation List distribution points*):

DistributionPoint

Name

FullName

[0] uri: http://crls1.esfirma.com/acaapp/acaapp2.crl (type: IA5String)

DistributionPoint

Name

FullName

[0] uri: http://crls2.esfirma.com/acaapp/acaapp2.crl (type: IA5String)

1.3.6.1.5.5.7.1.1 (Authority Information Access):

AccessDescription:

Method: 1.3.6.1.5.5.7.48.1 (ocsp)

Location

uri: http://ocsp1.esfirma.com/acaapp2/ (type: IA5String)

AccessDescription:

Method: 1.3.6.1.5.5.7.48.1 (ocsp)

Location

uri: http://ocsp2.esfirma.com/acaapp2/ (type: IA5String)

AccessDescription:

Method: 1.3.6.1.5.5.7.48.2 (calssuers)

Location

uri: http://www.esfirma.com/doc-pki/acaapp2.crt (type: IA5String)

2.5.29.17 (Subject alternative name)

directoryName:

1.3.6.1.4.1.47281.0.19.6 (esFIRMA Subject Name): BIANCA (type: utf8String)

1.3.6.1.4.1.47281.0.19.7 (esFIRMA Subject First Surname): DA CONCEIÇÃO (type: utf8String)

1.3.6.1.4.1.47281.0.19.8 (esFIRMA Subject Second Surname): ESPAÑOLA (type: utf8String)

Country: Spain (*Legacy*) (*esfirma-pv-sc-auth-es-legacy.pem*)

Version: 2 (*v3*)

SerialNumber: Greater than 0 containing 128 bits of output from a CSPRNG

Signature:

algo: 1.2.840.113549.1.1.11 (*sha256WithRSAEncryption*)

params: NULL

Issuer:

2.5.4.6 (*countryName,C*): ES (*type: printableString*)

2.5.4.7 (*localityName,L*): ZARAGOZA (*type: printableString*)

2.5.4.10 (*organizationName*): ESPUBLICO SERVICIOS PARA LA ADMINISTRACION SA (*type: printableString*)

2.5.4.11 (*organizationalUnitName*): AUTORIDAD DE CERTIFICACION ESFIRMA - AAPP (*type: printableString*)

2.5.4.5 (*serialNumber,SN*): A50878842 (*type: printableString*)

2.5.4.3 (*commonName,CN*): ESFIRMA AC AAPP 2 (*type: printableString*)

Subject:

2.5.4.6 (*countryName,C*): ES (*type: printableString*)

2.5.4.10 (*organizationName*): PRUEBA-TEST (*type: printableString*)

2.5.4.11 (*organizationalUnitName*): CERTIFICADO DE PERSONA FÍSICA VINCULADA A ENTIDAD (*type: utf8String*)

2.5.4.5 (*serialNumber,SN*): IDCES-99999999R (*type: printableString*)

2.5.4.97 (*organizationIdentifier*): VATES-A9999999G (*type: printableString*)

2.5.4.4 (*surname*): ESPAÑOLA ESPAÑOLA (*type: utf8String*)

2.5.4.42 (*givenName,GN*): CARMEN (*type: printableString*)

2.5.4.3 (*commonName,CN*): CARMEN ESPAÑOLA ESPAÑOLA - 99999999R (*AUTENTICACIÓN*) (*type: utf8String*)

Validity:

Duration: ~ 2 years

NotBefore: Date on which the certificate validity period begins

NotAfter: Date on which the certificate validity period ends

SubjectPublicKeyInfo:

Supported algorithms:

1.2.840.113549.1.1.1 (*RSA 2048 bits*)

1.2.840.10045.3.1.7 (*EC NIST P256*)

Extensions:

2.5.29.32 (*Certificate policies*)

Policies:

0.4.0.2042.1.2 (*NCP+*)

1.3.6.1.4.1.47281.1.6.5 (*esFIRMA Natural Person Linked To Entity Smartcard Auth QSCD Policy*):

1.3.6.1.5.5.7.2.1 (*CPS*)

URI: <https://www.esfirma.com/doc-pki/> (*type: IA5String*)

1.3.6.1.5.5.7.2.2 (*User Notice*)

ExplicitText: Certificado cualificado de autenticación electrónica de persona física vinculada a entidad nivel alto. Consulte <https://www.esfirma.com/doc-pki/> (*type: utf8String*)

2.5.29.14 (*Subject key identifier*): 160 bit derived from the public key

2.5.29.35 (*Authority key identifier*)

Identifier: 0xf640efc3a72b4de5bf31e9faeec379791f2a0358 (*b64: 9kDvw6crTeW/Men67sN5eR8qA1g=*)

2.5.29.19 (*Basic constraints*)

None

2.5.29.15 (*Key usage*):

Critical

0 (*DigitalSignature*)

2 (*KeyEncipherment*) when RSA key

4 (*KeyAgreement*) when EC P256 key

2.5.29.37 (*Extended key usage*):

1.3.6.1.5.5.7.3.2 (*ClientAuth*)

1.3.6.1.5.5.7.3.4 (*emailProtection*)

2.5.29.31 (*Revocation List distribution points*):

DistributionPoint

Name

FullName

[0] uri: http://crls1.esfirma.com/acaapp/acaapp2.crl (*type: IA5String*)

DistributionPoint

Name

FullName

[0] uri: http://crls2.esfirma.com/acaapp/acaapp2.crl (*type: IA5String*)

1.3.6.1.5.5.7.1.1 (*Authority Information Access*):

AccessDescription:

Method: 1.3.6.1.5.5.7.48.1 (*ocsp*)

Location

uri: http://ocsp1.esfirma.com/acaapp2/ (*type: IA5String*)

AccessDescription:

Method: 1.3.6.1.5.5.7.48.1 (*ocsp*)

Location

uri: http://ocsp2.esfirma.com/acaapp2/ (*type: IA5String*)

AccessDescription:

Method: 1.3.6.1.5.5.7.48.2 (*calssuers*)

Location

uri: http://www.esfirma.com/doc-pki/acaapp2.crt (*type: IA5String*)

2.5.29.17 (*Subject alternative name*):

rfc822Name: carmen@test.esfirma.com (*type: IA5String*) (*Optional*)

directoryName:

1.3.6.1.4.1.47281.0.6.1 (*esFIRMA CERTIFICADO DE PERSONA FÍSICA VINCULADA A ENTIDAD*): CERTIFICADO DE PERSONA FÍSICA VINCULADA A ENTIDAD (*type: utf8String*)

1.3.6.1.4.1.47281.0.6.2 (*esFIRMA Entity Name*): PRUEBA-TEST (*type: utf8String*)

1.3.6.1.4.1.47281.0.6.3 (*esFIRMA Entity NIF*): A9999999G (*type: utf8String*)

1.3.6.1.4.1.47281.0.6.4 (*esFIRMA Subject NIF*): 99999999R (*type: utf8String*)

1.3.6.1.4.1.47281.0.6.6 (*esFIRMA Subject Name*): CARMEN (*type: utf8String*)

1.3.6.1.4.1.47281.0.6.7 (*esFIRMA Subject First Surname*): ESPAÑOLA (*type: utf8String*)

1.3.6.1.4.1.47281.0.6.8 (*esFIRMA Subject Second Surname*): ESPAÑOLA (*type: utf8String*)

1.3.6.1.4.1.47281.0.6.9 (*esFIRMA Subject Email*): carmen@test.esfirma.com (*type: IA5String*)