

esFIRMA Public Employee Remote Signing Certificate Profile

Country: Spain (*esfirma-ep-hsm-sign-es.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 ELECTRONICO DE EMPLEADO PUBLICO (*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*): ESPAÑOLA ESPAÑOLA (*type: utf8String*)

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

2.5.4.3 (*commonName,CN*): CARMEN ESPAÑOLA ESPAÑOLA - 99999999R (*FIRMA*) (*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:

2.16.724.1.3.5.7.2 (*MPR CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO (Nivel Medio,Sustancial)*)

0.4.0.194112.1.0 (*Qcp-natural*)

1.3.6.1.4.1.47281.1.1.4 (*esFIRMA Public Employee Remote Signing HSM 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 firma electrónica de empleado público nivel medio. 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)

1 (ContentCommitment)

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:

2.16.724.1.3.5.7.2.1 (MPR CEEP Medio, Tipo de certificado): CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO DE NIVEL MEDIO (type: utf8String)

2.16.724.1.3.5.7.2.2 (MPR CEEP Medio, Nombre de la entidad suscriptora): PRUEBA-TEST (type: utf8String)

2.16.724.1.3.5.7.2.3 (MPR CEEP Medio, NIF entidad suscriptora): A9999999G (type: utf8String)

2.16.724.1.3.5.7.2.4 (MPR CEEP Medio, DNI, NIE del firmante): 99999999R (type: utf8String)

2.16.724.1.3.5.7.2.6 (MPR CEEP Medio, Nombre de pila del firmante): CARMEN (type: utf8String)

2.16.724.1.3.5.7.2.7 (MPR CEEP Medio, Apellido 1 del firmante): ESPAÑOLA (type: utf8String)

2.16.724.1.3.5.7.2.8 (MPR CEEP Medio, Apellido 2 del firmante): ESPAÑOLA (type: utf8String) (Optional)

2.16.724.1.3.5.7.2.9 (MPR CEEP Medio, Correo electrónico del firmante): carmen@test.esfirma.com (type: IA5String) (Optional)

1.3.6.1.5.5.7.1.3 (*QcStatements*):

0.4.0.1862.1.1 (*QcCompliance*)

0.4.0.1862.1.6 (*QcType*)

0.4.0.1862.1.6.1 (*esign*)

0.4.0.1862.1.3 (*QcRetentionPeriod*)

Years: 15 (*Oxf*)

0.4.0.1862.1.5 (*QcPDS*):

Location:

lang: en (*type: PrintableString*)

url: <https://www.esfirma.com/doc-pki/PDS2/EP2-MEDIO-HSM-EN/> (*type: IA5String*)

Location:

lang: es (*type: PrintableString*)

url: <https://www.esfirma.com/doc-pki/PDS2/EP2-MEDIO-HSM-ES/> (*type: IA5String*)

1.3.6.1.5.5.7.11.2 (*id-qcs-pkixQCSyntax-v2*)

keyIdentifier: **0.4.0.194121.1.1** (*Id-etsi-qcs-SemanticsId-Natural*)

1.3.6.1.5.5.7.11.2 (*id-qcs-pkixQCSyntax-v2*)

keyIdentifier: **0.4.0.194121.1.2** (*Id-etsi-qcs-SemanticsId-Legal*)