esFIRMA Public Employee With Pseudonym Remote Signing Certificate Profile

Country: Spain

A) Structure when no Title specified *(esfirma-es-hsm-sign-a-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:
  2.5.4.3 *(commonName,CN)*: ESFIRMA DEV AAPP *(type: utf8String)*
Subject:
  2.5.4.6 *(countryName,C)*: ES *(type: printableString)*
  2.5.4.10 *(organizationName)*: PRUEBA-TEST *(type: utf8String)*
  2.5.4.11 *(organizationalUnitName)*: CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO CON SEUDONIMO *(type: utf8String)*
  2.5.4.3 *(commonName,CN)*: SEUDONIMO - 94784686 - PRUEBA-TEST *(FIRMA) (type: utf8String)*
  2.5.4.65 *(pseudonym)*: 94784686 *(type: utf8String)*
  2.5.4.97 *(organizationIdentifier)*: VATES-A9999999G *(type: utf8String)*
Validity:
  Duration: 1 year 11 months 29 days
  NotBefore: Date on which the certificate validity period begins
  NotAfter: Date on which the certificate validity period ends
SubjectPublicKeyInfo:
  Algorithm:
    algo: **1.2.840.113549.1.1.1** *(RSA)*
    params: NULL
  PublicKey:
    modulus: public key modulus
    publicExponent: 0x010001
  Key length: 2048 *(0x800)*
Extensions:
  2.5.29.32 *(Certificate policies)*
    Policies:
      2.16.724.1.3.5.4.2 *(MPR CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO CON SEUDONIMO (Nivel Medio,Sustancial)*)
      0.4.0.194112.1.0 *(Qcp-natural)*
      1.3.6.1.4.1.47281.1.3.4 *(esFIRMA DPC Empleado Público con Seudónimo - MEDIO en HSM FIRMA)*:
        1.3.6.1.5.5.7.2.1 *(CPS)*
          URI: https://www-esfirma.g3stiona.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 con seudónimo nivel medio. Consulte https://www-esfirma.g3stiona.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: 0xf47684706c94969af9d8267494ec2ed9345adb35
  2.5.29.19 *(Basic constraints)*
    None
  2.5.29.15 *(Key usage)*:
    Critical
    0 *(DigitalSignature)*
    1 *(ContentCommitment)*
    2 *(KeyEncipherment)*
  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.g3stiona.com/acaapp/acaapp.crl *(type: IA5String)*
DistributionPoint
Name
FullName
[0] uri: http://crls2-esfirma.g3stiona.com/acaapp/acaapp.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.g3stiona.com/acaapp/ *(type: IA5String)*
AccessDescription:
Method: **1.3.6.1.5.5.7.48.1** *(ocsp)*
Location
uri: http://ocsp2-esfirma.g3stiona.com/acaapp/ *(type: IA5String)*
AccessDescription:
Method: **1.3.6.1.5.5.7.48.2** *(caIssuers)*
Location
uri: http://www-esfirma.g3stiona.com/doc-pki/acaapp.crt *(type: IA5String)*
2.5.29.17 *(Subject alternative name)*:
rfc822Name: seudonimo@test.esfirma.com *(type: IA5String) (Optional)*
directoryName:
2.16.724.1.3.5.4.2.1 *(MPR CEEPS Medio, Tipo de certificado)*: CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO CON SEUDONIMO *(type: utf8String)*
2.16.724.1.3.5.4.2.2 *(MPR CEEPS Medio, Nombre de la entidad suscriptora)*: PRUEBA-TEST *(type: utf8String)*
2.16.724.1.3.5.4.2.3 *(MPR CEEPS Medio, NIF entidad suscriptora)*: A9999999G *(type: utf8String)*
2.16.724.1.3.5.4.2.9 *(MPR CEEPS Medio, Correo electrónico del firmante)*: seudonimo@test.esfirma.com *(type: utf8String) (Optional)*
2.16.724.1.3.5.4.2.12 *(MPR CEEPS Medio, Seudónimo)*: 94784686 *(type: utf8String)*
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 *(0xf)*
0.4.0.1862.1.5 *(QcPDS)*:
Location:
lang: en *(type: PrintableString)*
url: https://www-esfirma.g3stiona.com/doc-pki/PDS/ES2-MEDIO-HSM-EN/ *(type: IA5String)*
Location:
lang: es *(type: PrintableString)*
url: https://www-esfirma.g3stiona.com/doc-pki/PDS/ES2-MEDIO-HSM-ES/ *(type: IA5String)*
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)*
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)*

B) Structure when Title specified *(esfirma-es-hsm-sign-b-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:
  2.5.4.3 *(commonName,CN)*: ESFIRMA DEV AAPP *(type: utf8String)*
Subject:
  2.5.4.6 *(countryName,C)*: ES *(type: printableString)*
  2.5.4.10 *(organizationName)*: PRUEBA-TEST *(type: utf8String)*
  2.5.4.11 *(organizationalUnitName)*: CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO CON SEUDONIMO *(type: utf8String)*
  2.5.4.12 *(title,T)*: JEFE DE SECCION *(type: utf8String)*
  2.5.4.3 *(commonName,CN)*: JEFE DE SECCION - NIP 46789541N - PRUEBA-TEST *(FIRMA) (type: utf8String)*
  2.5.4.65 *(pseudonym)*: NIP 46789541N *(type: utf8String)*
  2.5.4.97 *(organizationIdentifier)*: VATES-A9999999G *(type: utf8String)*
Validity:
  Duration: 1 year 11 months 29 days
  NotBefore: Date on which the certificate validity period begins
  NotAfter: Date on which the certificate validity period ends
SubjectPublicKeyInfo:
  Algorithm:
    algo: **1.2.840.113549.1.1.1** *(RSA)*
    params: NULL
  PublicKey:
    modulus: public key modulus
    publicExponent: 0x010001
  Key length: 2048 *(0x800)*
Extensions:
  2.5.29.32 *(Certificate policies)*
    Policies:
      2.16.724.1.3.5.4.2 *(MPR CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO CON SEUDONIMO (Nivel Medio,Sustancial)*)
      0.4.0.194112.1.0 *(Qcp-natural)*
      1.3.6.1.4.1.47281.1.3.4 *(esFIRMA DPC Empleado Público con Seudónimo - MEDIO en HSM FIRMA)*:
        1.3.6.1.5.5.7.2.1 *(CPS)*
          URI: https://www-esfirma.g3stiona.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 con seudónimo nivel medio. Consulte https://www-esfirma.g3stiona.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: 0xf47684706c94969af9d8267494ec2ed9345adb35
  2.5.29.19 *(Basic constraints)*
    None

2.5.29.15 *(Key usage)*:
Critical
0 *(DigitalSignature)*
1 *(ContentCommitment)*
2 *(KeyEncipherment)*
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.g3stiona.com/acaapp/acaapp.crl *(type: IA5String)*
DistributionPoint
Name
FullName
[0] uri: http://crls2-esfirma.g3stiona.com/acaapp/acaapp.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.g3stiona.com/acaapp/ *(type: IA5String)*
AccessDescription:
Method: **1.3.6.1.5.5.7.48.1** *(ocsp)*
Location
uri: http://ocsp2-esfirma.g3stiona.com/acaapp/ *(type: IA5String)*
AccessDescription:
Method: **1.3.6.1.5.5.7.48.2** *(caIssuers)*
Location
uri: http://www-esfirma.g3stiona.com/doc-pki/acaapp.crt *(type: IA5String)*
2.5.29.17 *(Subject alternative name)*:
rfc822Name: seudonimo@test.esfirma.com *(type: IA5String) (Optional)*
directoryName:
2.16.724.1.3.5.4.2.1 *(MPR CEEPS Medio, Tipo de certificado)*: CERTIFICADO ELECTRONICO DE EMPLEADO PUBLICO CON SEUDONIMO *(type: utf8String)*
2.16.724.1.3.5.4.2.2 *(MPR CEEPS Medio, Nombre de la entidad suscriptora)*: PRUEBA-TEST *(type: utf8String)*
2.16.724.1.3.5.4.2.3 *(MPR CEEPS Medio, NIF entidad suscriptora)*: A9999999G *(type: utf8String)*
2.16.724.1.3.5.4.2.5 *(MPR CEEPS Medio, NRP o NIP del empleado)*: 46789541N *(type: utf8String)*
2.16.724.1.3.5.4.2.9 *(MPR CEEPS Medio, Correo electrónico del firmante)*: seudonimo@test.esfirma.com *(type: utf8String) (Optional)*
2.16.724.1.3.5.4.2.11 *(MPR CEEPS Medio, Puesto o cargo del firmante)*: JEFE DE SECCION *(type: utf8String)*
2.16.724.1.3.5.4.2.12 *(MPR CEEPS Medio, Seudónimo)*: NIP 46789541N *(type: utf8String)*
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 *(0xf)*

0.4.0.1862.1.5 *(QcPDS)*:

Location:

lang: en *(type: PrintableString)*

url: https://www-esfirma.g3stiona.com/doc-pki/PDS/ES2-MEDIO-HSM-EN/ *(type: IA5String)*

Location:

lang: es *(type: PrintableString)*

url: https://www-esfirma.g3stiona.com/doc-pki/PDS/ES2-MEDIO-HSM-ES/ *(type: IA5String)*

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)*

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)*