

Certificates Profiles

ANF AC



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1. Introduction

1.1. Overview

This document details the profiles of the certificates issued by ANF Certification Authority.

1.2. Common aspects

All certificates issued under this policy are in accordance with X.509 Version 3 standard.

As ETSI EN 319 412-2 indicates, the size of the *givenName*, *surname*, *pseudonym*, *commonName*, *organizationName* and *organizationUnitName* fields can be longer than the limit established in IETF RFC 5280.

Within the certificates, besides the already standardized fields, there are also included a group of ANF AC OIDs (1.3.6.1.4.1.18332.x.x) which provide information in relation to the subscriber, or other information of interest. The complete list of OID codes and the information associated to the same may be consulted in the section "Proprietary fields of ANF AC" of the Certification Practice Statement of ANF AC.

Fields with OID 1.3.6.1.4.1.18838.1.1 are proprietary of the Spanish State Tax Administration Agency (Agencia Estatal de Administración Tributaria "AEAT"). Fields with OID 2.16.724.1.3.5.x.x, are required and identified in the Identification and Electronic Signature Scheme v.1.7.6 published by the High Council of Electronic Administration.

All literals are entered in capital letters, with the exceptions of the email that will be in lowercase. No more than one space is entered between alphanumeric strings, or at the beginning or end of alphanumeric strings. The inclusion of abbreviations based on a simplification is admitted, provided they do not difficult the interpretation of information.

1.3. Document name and identification

Name of the document	Certificate Profiles		
Version	1.0		
OID	1.3.6.1.4.1.18332.3.1.1		
Approval date	21/10/2024	Publication Date	21/10/2024

1.3.1. Revisions

Version	Changes	Approval	Publication
1.0	Unification of the following documents: - Certificates for electronic signature Profiles (OID 1.3.6.1.4.1.18332.3.1.1) – v.1.5. - Certificates for electronic seal Profiles (OID 1.3.6.1.4.1.18332.3.2.1) – v.2.4. - Certificates for website authentication SSL Profiles (OID 1.3.6.1.4.1.18332.3.3.1) – v.2.7.	21/10/2024	21/10/2024

	• OCSP Certificates Profile (OID 1.3.6.1.4.1.18332.24.1) – v.1.0. • TSU Certificate Profile (OID 1.3.6.1.4.1.18332.1.9.1.2.1) – v.1.0		
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2. Certificates for electronic signature

This section sets out the profiles of the different types of qualified certificates for electronic signature issued by ANF Autoridad de Certificación:

- **Natural Person certificate**
- **Corporate Natural Person Certificate**
- **Legal representative certificates**
 - Legal Representative of Legal Person certificate
 - Legal Representative for Sole and joint Directors certificate
 - Legal Representative of Entity without Legal Personality certificate
- **Public Employee certificate**

The Certification Policies associated with these certificates are published and accessible on ANF ACs website: <https://www.anf.es/en/repositorio-legal/>

To prepare these profiles, the following provisions have been taken into account:

- **Regulation (EU) No 910/2014** of the european parliament and of the council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC (eIDAS Regulation).
- **ETSI EN 319 412** Electronic Signatures and Infrastructures (ESI); Certificate Profiles (all 5 parts)
- **IETF RFC 3739**. Internet X.509 Public Key Infrastructure. Qualified Certificates Profile
- **Política de Firma y de Certificados de la Administración General del Estado**:. Anexo 2: Perfiles de certificados electrónicos

2.1. Class 2 Natural Person certificate

2.1.1. Subject

Campo	Descripción
Common Name (CN)	Name and surname of the subscriber.
Given name (G)	Name of the subscriber as it appears on the identity document.
Surname	Surnames of the subscriber as it appears on the identity document.
Email (E) (opcional)	Subscriber's email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L)	Subscriber's city.
State or Province (S)	Region, autonomous community or province of the subscriber.
Organizational Unit (OU)	Certificado de Clase 2 de Persona Física (FIRMA)
SerialNumber (SERIALNUMBER)	NIF, NIE or passport ¹ number of the subscriber coded according to ETSI EN 319 412-1.

¹ With the limitations of use set forth in section 3.1.1 of the CPS.

2.1.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.3.4.1.2.22 (Software) 1.3.6.1.4.1.18332.3.4.1.4.22 (QSCD) 1.3.6.1.4.1.18332.3.4.1.5.22 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.0 (QCP-n) 0.4.0.194112.1.2 (QCP-n-qscd)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email of the signatory 1.3.6.1.4.1.18332.10.1 Name of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.2 First surname of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.3 Second surname of the signer as it appears on the ID. (may not be present) 1.3.6.1.4.1.18332.10.4 DNI/NIE of the signatory
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI CA Issuers - URI
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.1
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.
1.3.6.1.4.1.18332.19.1	IVO Operator locator that processed the request

2.2. Corporate Natural Person certificate

2.2.1. Subject

Campo	Descripción
Common Name (CN)	Name and surname of the subscriber.
Given name (G)	Name of the subscriber as it appears on the identity document.
Surname	Surnames of the subscriber as it appears on the identity document.
Email (E) (opcional)	Subscriber's email.

Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L)	Subscriber's city.
State or Province (S)	Region, autonomous community or province of the subscriber.
Organizational Unit (OU)	Certificado corporativo de Persona Física
SerialNumber (SERIALNUMBER)	NIF, NIE or passport ² number of the subscriber coded according to ETSI EN 319 412-1.
Organization name (O)	Name of the legal person with which the signatory has employment relationship.
Organization identifier (OI)	NIF, as it appears in official records, codified according to ETSI EN 319 412-1 (Ex: VATES-B00000000)

2.2.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.3.4.1.6.22 (Software) 1.3.6.1.4.1.18332.3.4.1.7.22 (QSCD) 1.3.6.1.4.1.18332.3.4.1.8.22 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.0 (QCP-n) 0.4.0.194112.1.2 (QCP-n-qscd)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email of the signatory 1.3.6.1.4.1.18332.10.1 Name of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.2 First surname of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.3 Second surname of the signer as it appears on the ID. (may not be present) 1.3.6.1.4.1.18332.10.4 DNI/NIE of the signatory
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI CA Issuers - URI
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.1
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.

² With the limitations of use set forth in section 3.1.1 of the CPS.

1.3.6.1.4.1.18332.19.1	IVO Operator locator that processed the request
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2.3. Legal Representative of Legal Person certificate

2.3.1. Subject

Campo	Descripción
Common Name (CN)	Name and surname of the subscriber.
Given name (G)	Name of the subscriber as it appears on the identity document
Surname	Surnames of the subscriber as it appears on the identity document.
Email (E) (opcional)	Subscriber's email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L)	Subscriber's city.
State or Province (S)	Region, autonomous community or province of the subscriber.
Organization name (O)	Name of the legal person over which the signatory has sufficient powers of representation.
Organizational Unit (OU)	Certificado de Representante Legal de Persona Juridica (FIRMA)
Title (T)	Position or position of the signatory in the organization.
Organization identifier (OI)	NIF, as it appears in official records, codified according to ETSI EN 319 412-1 (Ex: VATES-B00000000)
SerialNumber (SERIALNUMBER)	NIF, NIE or passport ³ number of the subscriber.

2.3.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.2.5.1.3 (Software) 1.3.6.1.4.1.18332.2.5.1.10 (QSCD) 1.3.6.1.4.1.18332.2.5.1.14 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.0 (QCP-n) 0.4.0.194112.1.2 (QCP-n-qscd)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email of the signatory 1.3.6.1.4.1.18332.10.1 Name of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.2 First surname of the signer as it appears on the ID.

³ With the limitations of use set forth in section 3.1.1 of the CPS.

	1.3.6.1.4.1.18332.10.3 Second surname of the signer as it appears on the ID. (may not be present) 1.3.6.1.4.1.18332.10.4 DNI/NIE of the signatory
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI: CA Issuers - URI:
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.1
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.
1.3.6.1.4.1.18332.19.1	IVO Operator locator that processed the request

2.4. Legal Representative for Sole and joint Directors certificate

2.4.1. Subject

Campo	Descripción
Common Name (CN)	Name and surname of the subscriber.
Given name (G)	Name of the subscriber as it appears on the identity document..
Surname	Surnames of the subscriber as it appears on the identity document.
Email (E) (opcional)	Subscriber's email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L)	Subscriber's city.
State or Province (S)	Region, autonomous community or province of the subscriber.
Organization name (O)	Name of the legal person over which the signatory has sufficient powers of representation.
Organizational Unit (OU)	Certificado de Representante Legal para administradores únicos y solidarios (FIRMA)
Title (T)	Position or position of the signatory in the organization.
Organization identifier (OI)	NIF, as it appears in official records, codified according to ETSI EN 319 412-1 (Ex: VATES-B00000000)
SerialNumber (SERIALNUMBER)	NIF, NIE or passport ⁴ number of the subscriber.

2.4.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.2.5.1.9 (Software) 1.3.6.1.4.1.18332.2.5.1.12 (QSCD)

⁴ With the limitations of use set forth in section 3.1.1 of the CPS.

	1.3.6.1.4.1.18332.2.5.1.13 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.0 (QCP-n) 0.4.0.194112.1.2 (QCP-n-qscd)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email of the signatory 1.3.6.1.4.1.18332.10.1 Name of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.2 First surname of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.3 Second surname of the signer as it appears on the ID. (may not be present) 1.3.6.1.4.1.18332.10.4 DNI/NIE of the signatory
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI: CA Issuers - URI:
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.1
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.
1.3.6.1.4.1.18332.19.1	IVO Operator locator that processed the request

2.5. Legal Representative of Entity without Legal Personality certificate

2.5.1. Subject

Campo	Descripción
Common Name (CN)	Name and surname of the subscriber.
Given name (G)	Name of the subscriber as it appears on the identity document.
Surname	Surnames of the subscriber as it appears on the identity document.
Email (E) (opcional)	Subscriber's email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L)	Subscriber's city.
State or Province (S)	Region, autonomous community or province of the subscriber.
Organization name (O)	Nombre de la entidad sin personalidad jurídica sobre la que el firmante tiene suficientes poderes de representación.
Organizational Unit (OU)	Certificado de Representante Legal de Entidad sin personalidad jurídica (FIRMA)

Title (T)	Position or position of the signatory in the organization.
Organization identifier (OI)	NIF, as it appears in official records, codified according to ETSI EN 319 412-1 (Ex: VATES-B00000000)
SerialNumber (SERIALNUMBER)	NIF, NIE or passport ⁵ number of the subscriber.

2.5.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.2.5.1.6 (Software) 1.3.6.1.4.1.18332.2.5.1.11 (QSCD) 1.3.6.1.4.1.18332.2.5.1.15 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.0 (QCP-n) 0.4.0.194112.1.2 (QCP-n-qscd)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email of the signatory 1.3.6.1.4.1.18332.10.1 Name of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.2 First surname of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.3 Second surname of the signer as it appears on the ID. (may not be present) 1.3.6.1.4.1.18332.10.4 DNI/NIE of the signatory
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI: CA Issuers - URI:
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.1
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.
1.3.6.1.4.1.18332.19.1	IVO Operator locator that processed the request

⁵ With the limitations of use set forth in section 3.1.1 of the CPS.

2.6. Public Employee Certificate

2.6.1. Subject

Campo	Descripción
Common Name (CN)	Name and surname of the subscriber. + - DNI +NIF of public employee
Given name (G)	Name of the subscriber as it appears on the identity document..
Surname	Surnames of the subscriber. + - DNI +NIF of public employee
Email (E) <i>(opcional)</i>	Subscriber's email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L)	Subscriber's city.
State or Province (S)	Region, autonomous community or province of the subscriber.
Organization name (O)	Name of the Administration, body or entity of public law to which the employee is linked.
Organizational Unit (OU)	Certificado de Empleado Público (FIRMA)
Title (T)	Position or position of the signatory that link them to the Administration, body or entity of public law.
SerialNumber (SERIALNUMBER)	NIF, NIE or passport number of the subscriber.

2.6.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.4.1.1.22 (Autenticación nivel alto) 1.3.6.1.4.1.18332.4.1.4.22 (Cifrado nivel alto) 1.3.6.1.4.1.18332.4.1.3.22 (Firma nivel alto) 1.3.6.1.4.1.18332.4.1.2.22 (Nivel medio) OID of European Certification Policies (only one): 0.4.0.194112.1.0 (QCP-n) 0.4.0.194112.1.2 (QCP-n-qscd)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email of the signatory 1.3.6.1.4.1.18332.10.1 Name of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.2 First surname of the signer as it appears on the ID. 1.3.6.1.4.1.18332.10.3 Second surname of the signer as it appears on the ID. (may not be present) 1.3.6.1.4.1.18332.10.4 DNI/NIE of the signatory
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash

CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI: CA Issuers - URI:
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.1
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.
1.3.6.1.4.1.18332.19.1	IVO Operator locator that processed the request

3. Certificates for electronic seal

This section sets out the profiles of the different types of qualified certificates for electronic signature issued by ANF Autoridad de Certificación:

- **Certificate for Electronic Seal** (*QSealC*)
- **Certificate for Electronic Seal for Public Administration** (*QSealC AAPP*)
- **Certificate for Electronic Seal for PSD2** (*QSealC PSD2*)

The Certification Policies associated with these certificates are published and accessible on ANF ACs website: <https://www.anf.es/en/repositorio-legal/>

To prepare these profiles, the following provisions have been taken into account:

- **Regulation (EU) No 910/2014** of the european parliament and of the council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC (eIDAS Regulation).
- **ETSI EN 319 412** Electronic Signatures and Infrastructures (ESI); Certificate Profiles (all 5 parts)
- **ETSI TS 119 495** Electronic Signatures and Infrastructures (ESI); Sector Specific Requirements; Qualified Certificate Profiles and TSP Policy Requirements under the payment services Directive (EU) 2015/2366
- **IETF RFC 3739**. Internet X.509 Public Key Infrastructure. Qualified Certificates Profile
- **Política de Firma y de Certificados de la Administración General del Estado**:. Anexo 2: Perfiles de certificados electrónicos

3.1. Certificates for Electronic Seal (*QSealC*)

3.1.1. Subject

Campo	Descripción
Common Name (CN)	Commercial name of the legal person.
Email (E) (<i>optional</i>)	Organization contact email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L)	Subscriber's city.
State or Province (S)	Region, autonomous community or province of the subscriber.
Organization name (O)	Exact name of the legal entity as it appears in the Commercial Register.
Organizational Unit (OU) (<i>optional</i>)	Certificado de Sello Electrónico
Organizational Unit (OU) (<i>optional</i>)	Department or Unit within the organization.
Organization identifier (OI)	NIF, as it appears in official records, codified according to ETSI EN 319 412-1 (Ex: VATES-B00000000)

3.1.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.25.1.1.1 (Software) 1.3.6.1.4.1.18332.25.1.1.4 (QSCD) 1.3.6.1.4.1.18332.25.1.1.9 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.1 (QCP-I) 0.4.0.194112.1.3 (QCP-I-qscd)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment Key Encipherment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email del firmante
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI CA Issuers - URI
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.2
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.

3.2. Certificates for Electronic Seal for Public Administration (QSeal/C APP)

3.2.1. Subject

Campo	Descripción
Common Name (CN)	Commercial name of the legal person.
Email (E) (optional)	Organization contact email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L) (optional)	Subscriber's city.
State or Province (S) (optional)	Region, autonomous community or province of the subscriber.
Organization name (O)	Exact name of the legal entity as it appears in the Commercial Register.
Organizational Unit (OU) (optional)	Certificado de Sello Electrónico
Organizational Unit (OU) (optional)	Department or Unit within the organization.
Organization identifier (OI)	NIF, as it appears in official records, codified according to ETSI EN 319 412-1 (Ex: VATES-B00000000)

3.2.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.25.1.1.3 (Software) 1.3.6.1.4.1.18332.25.1.1.2 (QSCD) 1.3.6.1.4.1.18332.25.1.1.11 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.1 (QCP-I) 0.4.0.194112.1.3 (QCP-I-qscd) OID según SGIADS: 2.16.724.1.3.5.6.1 (nivel alto) 2.16.724.1.3.5.6.2 (nivel medio)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Content Commitment Key Encipherment
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email del firmante
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI: CA Issuers - URI:
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.2 QcRetentionPeriod: 0.4.0.1862.1.6.3 Integer:=15 QcPDS: https://www.anf.es/documentos
1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.

3.3. Certificates for Electronic Seal for PSD2 (QSeal/ PSD2)

3.3.1. Subject

Campo	Descripción
Common Name (CN)	Commercial name of the legal person.
Email (E) (optional)	Organization contact email.
Country (C)	Two-digit country code according to ISO 3166-1.
Locality Name (L) (optional)	Subscriber's city.
State or Province (S) (optional)	Region, autonomous community or province of the subscriber.
Organization name (O)	Denominación exacta de la persona jurídica según aparezca en el Registro público de la Autoridad Nacional Competente (NCA) del

	Estado Miembro de origen o en los registros oficiales de la Autoridad Bancaria Europea (EBA).
Organizational Unit (OU) (optional)	Certificado de Sello Electrónico PSD2
Organizational Unit (OU) (optional)	Department or Unit within the organization.
Organization identifier (OI)	Número de autorización PSD2 de la organización, codificado según la especificación técnica ETSI TS 119 495

3.3.2. Extensions

Extensión	Descripción
Certificate Policies	OID of ANF AC Certification Policy corresponding to the certificate: 1.3.6.1.4.1.18332.25.1.1.5 (Software) 1.3.6.1.4.1.18332.25.1.1.6 (QSCD) 1.3.6.1.4.1.18332.25.1.1.7 (Centralised) OID of European Certification Policies (only one): 0.4.0.194112.1.1 (QCP-I) 0.4.0.194112.1.3 (QCP-I-qscd)
Basic Constraints	CA:FALSE
Key Usage	<i>Digital Signature</i> <i>Content Commitment</i> <i>Key Encipherment</i>
Extended Key Usage	clientAuth emailProtection
Subject Alternative Name	(Optional) RFC822: email del firmante
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI of the CRL
Authority Information Access	OCSP - URI: CA Issuers - URI:
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.2 PSD2QcStatement: 0.4.0.19495.2 including: - RoIPSD2: - account service (PSP_AS); - initiation of payment (PSP_PI); - account information (PSP_AI); - issuance of card-based payment instruments (PSP_IC). - Name of the Competent National Authority where the PSP is registered. This information is provided in two forms: the full name string (<i>NCAName</i>) and an abbreviated unique identifier (<i>NCAId</i>). In accordance with ETSI TS 119 495 section 5.1.

1.3.6.1.4.1.18332.19	Locator of the certificate request generated at the time of identification.
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4. Certificates for website authentication SSL

This section describes the profiles of the different types of SSL website authentication certificates issued by ANF Autoridad de Certificación:

- **SSL Domain Validation certificate (SSL DV)**
- **SSL Organization Validation certificate (SSL OV)**
- **SSL Extended Validation (EV) – Qualified Website Authentication certificate (QWAC)**
- **Qualified Website Authentication for PSD2 (QWAC PSD2)**
- **Qualified Electronic Headquarters with Extended Validation (EV) High Level**
- **Qualified Electronic Headquarters with Extended Validation (EV) Medium Level**

The Certification Policies associated with these certificates are published and accessible at ANF ACs website: <https://www.anf.es/repositorio-legal/>

For the elaboration of these profiles, the following provisions have been taken into account:

- **Regulation (EU) 910/2014** of the european parliament and of the council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC (eIDAS Regulation).
- **ETSI EN 319 412** Electronic Signatures and Infrastructures (ESI); Certificate Profiles (parts 1, 4 and 5)
- **ETSI TS 119 495** Electronic Signatures and Infrastructures (ESI); Sector Specific Requirements; Qualified Certificate Profiles and TSP Policy Requirements under the payment services Directive (EU) 2015/2366
- **IETF RFC 3739**. Internet X.509 Public Key Infrastructure. Qualified Certificates Profile
- **CA/B Forum Baseline Requirements** for the Issuance and Management of Publicly-Trusted Certificates at <https://cabforum.org/baseline-requirements-documents>,
- **CA/B Forum Guidelines for Extended Validation** Certificates at <https://cabforum.org/extended-validation>,
- **Política de Firma y de Certificados de la Administración General del Estado**:. Anexo 2: Perfiles de certificados electrónicos

4.1. SSL Organization Validation Certificates (SSL OV)

4.1.1. Subject

Field	Description
Organization name (O)	Exact name of the legal person as it appears in the Registry.
SerialNumber (SERIALNUMBER)	NIF (identifier) of the Legal Person
Country (C)	Two-digit country code according to ISO 3166-1.
State or Province (S)	Region, autonomous community or province of the subscriber.
Locality Name (L)	Subscriber city.

4.1.2. Extensions

Extension	Description
Certificate Policies	ANF AC Certification Policy OID corresponding to the certificate: 1.3.6.1.4.1.18332.55.1.1.7.322 CAB/Forum OID: 2.23.140.1.2.2 (OVCP)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Key Encipherment
Extended Key Usage	clientAuth serverAuth
Subject Alternative Name	dnsName containing verified Fully-Qualified Domain Name (FQDN).
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	CRL URI
Authority Information Access	Access Method 1: Id-ad-ocsp (1.3.6.1.5.5.7.48.1) Access Location 1: http://ocsp.anf.es/spain/AV Access Method 2: id-ad-caissuers (1.3.6.1.5.5.7.48.2) Access Location 2: http://www.anf.es/es/certificates-download/ANFSecureServerCA.cer

4.2. SSL Extended Validation (EV) – Qualified Website Authentication (QWAC) Certificate

4.2.1. Subject

Field	Description
Organization name (O)	Exact name of the legal person as it appears in the Registry.
Organization identifier (OI)	NIF, as it appears in the official records, coded according to ETSI EN 319 412-1 (E.g: VATES-B00000000)
SerialNumber (SERIALNUMBER)	NIF (identifier) of the Legal Person
Country (C)	Two-digit country code according to ISO 3166-1.
State or Province (S)	Region, autonomous community or province of the subscriber.
Locality Name (L)	Subscriber city.
Business Category	"Private Organization" "Government Entity" "Business Entity" "Non-Commercial Entity"
Jurisdiction Of Incorporation Country Name	Subject Jurisdiction of Incorporation or Registration
Jurisdiction Of Incorporation State Or Province Name	Subject Jurisdiction of Incorporation or Registration (not always present)
Jurisdiction Of Incorporation Locality Name	Subject Jurisdiction of Incorporation or Registration (not always present)

4.2.2. Extensions

Extension	Description
Certificate Policies	ANF AC Certification Policy OID corresponding to the certificate: 1.3.6.1.4.1.18332.55.1.1.2.322 European Certification Policies OID: 0.4.0.194112.1.4 (Qcp-w) CAB/Forum OID: 2.23.140.1.1 (EVCP)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Key Encipherment
Extended Key Usage	clientAuth serverAuth
Subject Alternative Name	dNSName containing verified Fully-Qualified Domain Name (FQDN).
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	CRL URI
Authority Information Access	Access Method 1: Id-ad-ocsp (1.3.6.1.5.5.7.48.1) Access Location 1: http://ocsp.anf.es/spain/AV Access Method 2: id-ad-caissuers (1.3.6.1.5.5.7.48.2) Access Location 2: http://www.anf.es/es/certificates-download/ANFSecureServerCA.cer
cabfOrganizationIdentifier	3 character Registration Scheme identifier 2 character ISO 3166 country code for the nation in which the Registration Scheme is operated - Registration Reference allocated in accordance with the identified Registration Scheme
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.3

4.3. Qualified Website Authentication for PSD2 Certificate (QWAC PSD2)

4.3.1. Subject

Field	Description
Organization name (O)	Denominación exacta de la persona jurídica según aparezca en el Registro público de la Autoridad Nacional Competente (NCA) del Estado Miembro de origen o en los registros oficiales de la Autoridad Bancaria Europea (EBA).
Organization identifier (OI)	Número de autorización PSD2 de la organización, codificado según la especificación técnica ETSI TS 119 495
SerialNumber (SERIALNUMBER)	NIF (identifier) of the Legal Person
Country (C)	Two-digit country code according to ISO 3166-1.
State or Province (S)	Region, autonomous community or province of the subscriber.

Locality Name (L)	Subscriber city.
Business Category	· "Private Organization" · "Government Entity" · "Business Entity" · "Non-Commercial Entity"
Jurisdiction Of Incorporation Country Name	Subject Jurisdiction of Incorporation or Registration
Jurisdiction Of Incorporation State Or Province Name	Subject Jurisdiction of Incorporation or Registration (not always present)
Jurisdiction Of Incorporation Locality Name	Subject Jurisdiction of Incorporation or Registration (not always present)

4.3.2. Extensions

Extension	Description
Certificate Policies	ANF AC Certification Policy OID corresponding to the certificate: • 1.3.6.1.4.1.18332.55.1.1.8.22 European Certification Policies OID: • 0.4.0.19495.3 (Qcp-w-psd2) CAB/Forum OID: • 2.23.140.1.1 (EVCP)
Basic Constraints	CA:FALSE
Key Usage	<i>Digital Signature</i> <i>Key Encipherment</i>
Extended Key Usage	clientAuth serverAuth
Subject Alternative Name	dNSName containing verified Fully-Qualified Domain Name (FQDN).
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	CRL URI
Authority Information Access	Access Method 1: Id-ad-ocsp (1.3.6.1.5.5.7.48.1) Access Location 1: http://ocsp.anf.es/spain/AV Access Method 2: id-ad-caissuers (1.3.6.1.5.5.7.48.2) Access Location 2: http://www.anf.es/es/certificates-download/ANFSecureServerCA.cer
cabfOrganizationIdentifier	• 3 character Registration Scheme identifier • 2 character ISO 3166 country code for the nation in which the Registration Scheme is operated • Registration Reference allocated in accordance with the identified Registration Scheme
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.3 PSD2QcStatement: 0.4.0.19495.2 including RolPSD2, nCAnName and nCAId.

4.4. Qualified Electronic Headquarters with Extended Validation (EV) Certificate High level

4.4.1. Subject

Field	Description
Organizational unit (OU)	SEDE ELECTRONICA
Organizational unit (OU)	Descriptive name of the electronic headquarters
Organization name (O)	Exact name of the legal person as it appears in the Registry.
Organization identifier (OI)	NIF, as it appears in the official records, coded according to ETSI EN 319 412-1 (E.g: VATES-B00000000)
SerialNumber (SERIALNUMBER)	NIF (identifier) of the responsible entity
Country (C)	Two-digit country code according to ISO 3166-1.
State or Province (S)	Region, autonomous community or province of the subscriber.
Locality Name (L)	Subscriber city.
Business Category	"Government Entity"
Jurisdiction Of Incorporation Country Name	Subject Jurisdiction of Incorporation or Registration

4.4.2. Extensions

Extension	Description
Certificate Policies	ANF AC Certification Policy OID corresponding to the certificate: 1.3.6.1.4.1.18332.55.1.1.6.322 OID según SGIADS: 2.16.724.1.3.5.5.1 (Nivel alto) 0.4.0.2042.1.4 (OID de SSL EV) European Certification Policies OID: 0.4.0.194112.1.4 (Qcp-w) CAB/Forum OID: 2.23.140.1.1 (EVCP)
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Key Encipherment
Extended Key Usage	serverAuth
Subject Alternative Name	dNSName containing verified Fully-Qualified Domain Name (FQDN).
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	CRL URI
Authority Information Access	Access Method 1: Id-ad-ocsp (1.3.6.1.5.5.7.48.1) Access Location 1: http://ocsp.anf.es/spain/AV Access Method 2: id-ad-caissuers (1.3.6.1.5.5.7.48.2) Access Location 2: http://www.anf.es/es/certificates-download/ANFSecureServerCA.cer
cabfOrganizationIdentifier	3 character Registration Scheme identifier

	2 character ISO 3166 country code for the nation in which the Registration Scheme is operated - Registration Reference allocated in accordance with the identified Registration Scheme
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.3

4.5. Qualified Electronic Headquarters with Extended Validation (EV) Certificate medium level

4.5.1. Subject

Field	Description
Organizational unit (OU)	SEDE ELECTRONICA
Organizational unit (OU)	Descriptive name of the electronic headquarters
Organization name (O)	Exact name of the legal person as it appears in the Registry.
Organization identifier (OI)	NIF, as it appears in the official records, coded according to ETSI EN 319 412-1 (E.g: VATES-B00000000)
SerialNumber (SERIALNUMBER)	NIF (identifier) of the Legal Person
Country (C)	Two-digit country code according to ISO 3166-1.
State or Province (S)	Region, autonomous community or province of the subscriber.
Locality Name (L)	Subscriber city.
Business Category	"Government Entity"
Jurisdiction Of Incorporation Country Name	Subject Jurisdiction of Incorporation or Registration

4.5.2. Extensions

Extension	Description
Certificate Policies	ANF AC Certification Policy OID corresponding to the certificate: 1.3.6.1.4.1.18332.55.1.1.5.322 OID según SGIADS: 2.16.724.1.3.5.5.2 (Nivel medio) European Certification Policies OID: 0.4.0.194112.1.4 (QEVPC-w) CAB/Forum OID: 2.23.140.1.1 (EVCP)
Basic Constraints	CA:FALSE
Key Usage	<i>Digital Signature</i> <i>Key Encipherment</i>
Extended Key Usage	serverAuth
Subject Alternative Name	dNSName containing verified Fully-Qualified Domain Name (FQDN).
Subject Key Identifier	Public key ID of the certificate obtained from the hash

Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	CRL URI
Authority Information Access	Access Method 1: Id-ad-ocsp (1.3.6.1.5.5.7.48.1) Access Location 1: http://ocsp.anf.es/spain/AV Access Method 2: id-ad-caissuers (1.3.6.1.5.5.7.48.2) Access Location 2: http://www.anf.es/es/certificates-download/ANFSecureServerCA.cer
cabfOrganizationIdentifier	• 3 character Registration Scheme identifier • 2 character ISO 3166 country code for the nation in which the Registration Scheme is operated • Registration Reference allocated in accordance with the identified Registration Scheme
QCStatement	Minimum: QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.3

5. Certificates for OCSP Responder

This section presents the profile of the OCSP certificates of ANF Autoridad de Certificación.

The Certification Policies associated with these certificates are published and accessible on ANF ACs website:
<https://www.anf.es/en/repositorio-legal/>

To prepare these profiles, the following provisions have been taken into account:

- **Regulation (EU) No 910/2014** of the european parliament and of the council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC (eIDAS Regulation).
- **ETSI EN 319 412-1**. Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures
- **IETF RFC 6960**. X.509 Internet Public Key Infrastructure Online Certificate Status Protocol - OCSP

5.1. OCSP Responder certificate

5.1.1. Subject

Campo	Descripción
Common Name (CN)	CA Name + "Responder" + Nº
Organization name (O)	ANF Autoridad de Certificación
Organization Identifier (OI)	VATES-G63287510
Organizational Unit (OU) <i>(opcional)</i>	ANF Autoridad Intermedia de Identidad
Country (C)	Two-digit country code according to ISO 3166-1 (ES).

5.1.2. Extensions

Extensión	Descripción
Certificate Policies	1.3.6.1.4.1.18332.56.1.1
Basic Constraints	CA:FALSE
Key Usage	Digital Signature Non repudiation
Extended Key Usage	OCSPSigning
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI de la CRL
Authority Information Access	OCSP - URI CA Issuers - URI
QCStatement	QcCompliance: 0.4.0.1862.1.1 QcType: 0.4.0.1862.1.6.2 QcRetentionPeriod: 0.4.0.1862.1.3 (15 años) QcPDS: 0.4.0.1862.1.5 (https://anf.es/en/)

6. Certificates for electronic seal

This section presents the profile of the TSU certificates of ANF Autoridad de Certificación.

The Certification Policies associated with these certificates are published and accessible on ANF ACs website:
<https://www.anf.es/en/repositorio-legal/>

To prepare these profiles, the following provisions have been taken into account:

- **Regulation (EU) No 910/2014** of the european parliament and of the council of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC (eIDAS Regulation).
- **ETSI EN 319 422** Electronic Signatures and Infrastructures (ESI); Time-stamping protocol and time-stamp token profiles
- **ETSI EN 319 412-3**. "Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 3: Certificate profile for certificates issued to legal persons"
- **IETF RFC 3739**. Internet X.509 Public Key Infrastructure. Qualified Certificates Profile
- **IETF RFC 3161** Internet X.509 Public Key Infrastructure Time-Stamp Protocol (TSP)

As ETSI EN 319 412-2 indicates, the size of the *commonName*, *organizationName* and *organizationUnitName* fields can be longer than the limit established in IETF RFC 5280.

6.1. TSU certificate

6.1.1. Subject

Campo	Descripción
Common Name (CN)	TSU identifier. Uniquely identifies the corresponding TSU (<i>ex: ANF Timestamp Unit 1341</i>)
Country (C)	Two-digit country code according to ISO 3166-1 in which the TSA (ES) is established.
Locality Name (L)	City where the TSA is established
State or Province (S)	Region, autonomous community or province in which the TSA is established.
Organization name (O)	ANF Autoridad de Certificación
Organization Identifier (OI)	VATES-G63287510
Organizational Unit (OU) (opcional)	TSU

6.1.2. Extensions

Extensión	Descripción
Certificate Policies	Policy:1.3.6.1.4.1.18332.15.1 CPS: https://www.anf.es/documentos
Basic Constraints	CA:FALSE

Key Usage	Digital Signature Non repudiation
Extended Key Usage	Time Stamping
Subject Key Identifier	Public key ID of the certificate obtained from the hash
Authority Key Identifier	Public key ID of the CA certificate obtained from the hash
CRL Distribution Points	URI de la CRL
Authority Information Access	OCSP - URI CA Issuers - URI
QCStatement	id_qcs_pkixQCSyntax_v2 id_etsi_tsts_EuQCompliance