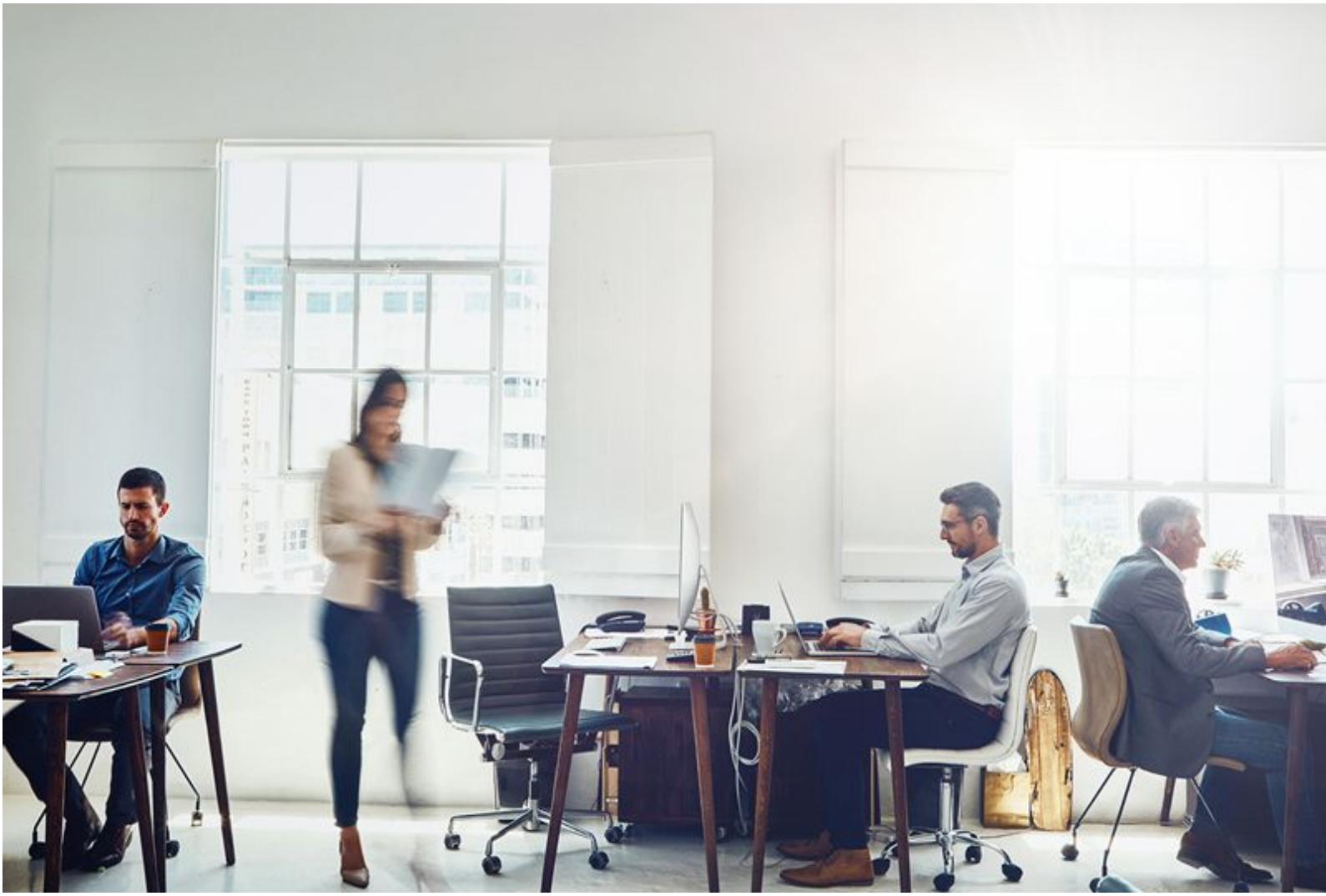
Firmaprofesional Certificate's Profiles Document

Profiles of Certificates

Version: 200930

Classification: Public



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Version history

Version	Section and changes	publication date
181221	Creation of the specific document of certificate's profiles. It includes all the previous certificate's profiles that were included in their respective CPS. They can be consulted on http://www.firmaprofesional.com/cps	21/12/2018
190227	"*2.8. Public Officer with pseudonym certificate's profile*": ● In "*2.8.3.1. Certificate's Extensions*", within the Subject Alternative Name, the OIDs of the Directory Name have been changed. "*5.2. VA Certificate's profile*": ● The extension noCheck of the not qualified VA certificate has been added as optional, and as mandatory for the qualified VA certificate.	27/02/2019
190507	"2.7. Public Officer certificate's profile": ● "1.3.6.1.4.1.13177.10.1.22.3.1:DCCF centralised authentication" has been removed for being not qualified. ● "1.3.6.1.4.1.13177.10.1.22.3.2: DCCF centralised pseudonym" for being duplicate information. "2.8. Public Officer with pseudonym certificate's profile": ● The optional field of Subject Alternative Name's mail has been removed. ● The description of the third OU field has been changed. ● The OID for the "pseudonym" field has been added. For all profiles: ● The extension which indicates the PDS route has been removed for having switched its condition to optional.	07/05/2019
190612	"2.1. Corporate Certificate for professional associates profile" and "2.2. Corporate Certificate for natural persons profile", "organisation" field of the DN: ● Clarifications about the format of the code and number of the RA which issued the certificate have been made. The point 3.3 "Corporate company seal for PSD2 certificate's profile" has been added Modification of point 4.2 in order to add characteristics of the website authentication certificate for PSD2.	12/06/2019

200205	Clarification that the certificates are based on The ITU Telecommunication Standardization Sector (ITU-T) standard X.509 version 3 Updated *userNotice* of Corporate Certificates of Corporate Seal PSD2. Updated SSL EV Certificates profile to adapt it to the requirements of CA/Browser Forum, EV Guidelines, v. 1.7.1. Relocation of *keyUsage* and *extendedKeyUsage* extensions for document consistency.	05/02/2020
200930	Added portable DCCF and centralized DCCF support for Personal certificates. Added CA / B Forum OIDs to website authentication certificates. An additional OU field is added to the profile of the Corporate Professional Association Member certificates, the interpretation of which is defined by each professional association.	30/09/2020

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1. Introduction

The present document describes the profiles of the certificates issued by Firmaprofesional as Certification Services Provider.

In order to create the certificate's profiles, it has been taken into account the following:

- 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, which repeals Directive 1999/93/CE (from now onwards known as, eIDAS)
- General State Administration Policy for Electronic Signature and Digital Certificates: Annex 2: Digital Certificate's Profiles.
- ETSI EN 319 412 Electronic Signatures and Infrastructures (ESI); Certificate Profiles
- "Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates" published in https://wwww.cabforum.org/
- The ITU Telecommunication Standardization Sector (ITU-T) standard X.509 version 3.

The profiles of the different certificates issued by Firmaprofesional, based on the Policy that are associated with, are grouped as follows:

A. Electronic Signature Certificates, grouped as:

1. Corporate Certificates:
    - Corporate Certificates for professional associates
    - Corporate Certificates for natural persons
    - Corporate Certificates for Representatives, which can be:
        - Corporate for Representatives of an Entity without Legal Status
        - Corporate for Legal Representatives
        - Corporate for Voluntary Representative
2. Personal Certificates
3. Public Officer Certificates, divided into:
    - Public Officer Certificates
    - Public Officer with pseudonym Certificates

B. Electronic Seal Certificates

1. Public Administration/Entity Seal Certificates
2. Company Seal Certificates

C. Website Authentication Certificates

1. Electronic Office Certificate
2. Secure Service Certificates

D. Secure Service Certificates:

1. CA Certificates
2. VA Certificates
3. TSA Certificates

All the Certification Policies of the certificates are published and can be found on the website www.firmaprofesional.com/cps

2. Description of profiles of Electronic Signature Certificates

2.1. Professional Association Members Certificate's profile

2.1.1. Distinguished Name (DN)

DN field	name	Description
CN, Common Name	Name	Name and Surnames of the signatory Additionally the Professional Associate's number can be included preceded by the word "num:" and separated by "/". *Ej: CN = NAME SURNAME1 SURNAME2 / num:4444*
E, E-mail	E-mail	signatory's e-mail.
O, Organization	Organization	Name of the Organization that acts as RA Additionally the code and number of the RA that issued the certificate will be included, separated by "/".
OU, Organization Unit	Organization Unit	(optional) It will contain additional information of relevance for the Professional Association Member or the information systems with which it works. The interpretation of this field is defined by each professional association.
T, Title	Title	signatory's Title
ST, State	Geographic Location	signatory's geographic location
C, Country	Country	Two digit country code, according to ISO 3166-1. By default "ES".
serialNumber	ID Number	signatory's ID (NIF or NIE)
SN, surName	Surname	signatory's surname, exactly as it appears on their ID
GN, givenName	First Name	signatory's First name, exactly as it appears on their ID

If the signatory doesn't have their ID (NIF or NIE), they will have to give their Passport Number exactly as it says point 7.1.4 of the CPS.

2.1.2. Common extensions of certificates

Extension	Critical	Values
Subject Alternative Name	-	RFC822:<signatory's email> directoryName: • 1.3.6.1.4.1.13177.0.1: First name of the natural person, exactly as it appears on their ID. • 1.3.6.1.4.1.13177.0.2: First surname of the natural person, exactly as it appears on their ID • 1.3.6.1.4.1.13177.0.3: Second surname of the natural person, exactly as it appears on their ID (this field could be empty)
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment
Extended Key Usage	-	TLS Website Client Authentication E-mail Protection
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>

2.1.3. Extensions of Certificates without DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.1.2 <URI of the CPS> User Notice: "Éste es un Certificado Corporativo de Colegiado cualificado, para su uso sin DCCF. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.0> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", without DCCF)
QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign, indicating that it is a Certificate that creates Digital Signatures).

2.1.4. Extensions of Certificates with DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificates> 1.3.6.1.4.1.13177.10.1.1.1: DCCF portable 1.3.6.1.4.1.13177.10.1.1.3: DCCF centralized <URI of the CPS> User Notice: "Éste es un Certificado Corporativo de Colegiado cualificado, para su uso con DCCF. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.2> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", with DCCF)

QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign, indicating that it is a Certificate that creates Digital Signatures). Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF)

2.2. Natural Persons Certificate's profile

2.2.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	signatory's Name and surnames.
E, E-mail (optional)	E-mail	signatory's email.
O, Organization	Organization	Subscriber's Name (Company or Public/Private Entity) with whom the signatory has an entailment. If the Subscriber is self-employed, their Trade Name can be used, their CNAE or IAE. Additionally the code and number of the RA that issued the certificate will be included, separated by "/".
1.3.6.1.4.1.4710.1.3.2(*)	Tax ID number of the Organization	Tax ID Number of the Organization that has an entailment with the signatory
OrganizationIdentifier	Tax ID number of the Organization	Tax ID number of the Organization, exactly as it appears in the Official Records. Coded according to the European Standard ETSI EN 319 412-1 (Ej: VATES-B0085974Z)
OU, Organization Unit	Organization Unit	It will contain one of the following values: • The Department to which the signatory is part of. • Entailment with the Organization.

T, Title	Title	signatory's Title at the Organization.
ST, State	Geographic Location	signatory's geographic location
C, Country	Country	two digit country code, according to ISO 3166-1. By default "ES".
serialNumber	ID Number	signatory's ID (National ID Number)(**)
SN, surName	Surnames	signatory's surname, exactly as it appears on their ID
GN, givenName	First name	signatory's First name, exactly as it appears on their ID

(*) OID property of the Company Safelayer Secure Communications SA, which contains a Tax Identification Number or a Tax Identification Code (Tax ID Number).

(**) If the signatory doesn't have their ID (National ID Number), they will have to give their Passport Number exactly as it says in the CPS.

2.2.2. Common extensions of certificates

Extension	Critical	Values
Subject Alternative Name	-	(optional) RFC822:<signatory's email> directoryName: • 1.3.6.1.4.1.13177.0.1: First name of the natural person, exactly as it appears on their ID. • 1.3.6.1.4.1.13177.0.2: First surname of the natural person, exactly as it appears on their ID • 1.3.6.1.4.1.13177.0.3: Second surname of the natural person, exactly as it appears on their ID(this field could be empty)
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment

Extended Key Usage	-	TLS Web Client Authentication E-mail Protection
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>
QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures)

2.2.3. Extensions of Certificates without DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.2.2 <URI of the CPS> User Notice: "Éste es un Certificado Corporativo de Persona Física cualificado para su uso sin DCCF. Dirección del prestador de Servicios de Confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.0> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", without DCCF)

2.2.4. Extensions of Certificates with DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.2.1: DCCF portable 1.3.6.1.4.1.13177.10.1.2.3: DCCF centralized <URI of the CPS> User Notice: ""This is a Qualified Corporate Certificate for Natural Persons, for its use with DCCF. Address of the Trust Service Provider: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.2> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n-qscd", with DCCF)
QcStatements	-	Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF)

2.3. Profiles of Corporate for Representatives of an Entity without Legal Status Certificate.

2.3.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	See specific table in next section (i.e. 12345678Z Pedro Antonio López (R:B0085974Z))
OI, OrganizationIdentifier (2.5.4.97)	Official records	Tax ID number, exactly as it appears in the Official Records. Coded according to the European Standard ETSI EN 319 412-1 (VATES-B0085974Z)
O, Organization	Organization	Organization Name, exactly as it appears in the Official Records.

Description (2.5.4.13)	Codification of the public document proving the powers of the signatory or Public Records(*)	Reg:XXX/Hoja:XXX/Tomo:XXX/Sección:XXX/Libro:XXX/Folio:XXX /date: dd-mm-aaaa /Inscription:XXX Notary: Name Surname1 Surname2 /Núm Protocolo: XXX /Authorization Date: dd-mm-aaaa Official Journals: Boletín: XXX /date: dd-mm-aaaa /Resolution number: XXX Other supporting documentation of entity representation.
C, Country	Country	two digit country code, according to ISO 3166-1. By default "ES".
serialNumber	Serial Number	ID or passport Number of the signatory according to the european standard ETSI EN 319 412-1 (IDCES-123456789Z)
SN, surName	Surname	signatory's surname, exactly as it appears on their ID
GN, givenName	Name de Pila	signatory's First name, exactly as it appears on their ID

(*)The data will be included exactly the same as in the official document, including, if applicable, characters "/".

2.3.1.1. Common Name

Field	Content	Example	Size*
NIF	National ID number	12345678Z	10
Name	exactly as it appears in the National ID card	Pedro Antonio	
Surname 1	exactly as it appears in the National ID card	López	
Literal	(R:		4
Tax ID Number of the Company	Tax ID Number of the Company, exactly as it appears in the Official Records.	B0085974Z	9
Literal	)		2

*(taking into account the next blank space)

2.3.2. Common extensions of certificates

Extension	Critical	Values
Subject Alternative Name	-	RFC822:<Email of the signatory> (optional) directoryName: • 1.3.6.1.4.1.13177.0.1: First name of the natural person, exactly as it appears on their ID. • 1.3.6.1.4.1.13177.0.2: First surname of the natural person, exactly as it appears on their ID • 1.3.6.1.4.1.13177.0.3: Second surname of the natural person, exactly as it appears on their ID(this field could be empty)
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment,
Extended Key Usage	-	TLS Website Client Authentication E-mail Protection
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures).
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>

2.3.3. Extensions of Certificates without DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.13.2 <URI of the CPS> User Notice: "Éste es un Certificado Corporativo de Representante de Entidad sin Personalidad Jurídica cualificado. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.0> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", without DCCF) <OID of the natural person who Represents an Entity without Legal Status Secretariat SGIADSC: 2.16.724.1.3.5.9 >

2.3.4. Extensions of Certificates with DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.13.1: DCCF portable 1.3.6.1.4.1.13177.10.1.13.3: DCCF centralized <URI of the CPS> User Notice: "This is Qualified Corporate Certificate for Representatives of an Entity without Legal Status with DCCF. Address of the Trust Service Provider: Paseo de la Bonanova 47 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.2> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n-qscd", with DCCF) <OID of the natural person who Represents an Entity without Legal Status Secretariat SGIADSC: 2.16.724.1.3.5.9 >
QcStatements	-	Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF)

2.4. Profile of the Corporate Certificate for Legal Representatives

2.4.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	See specific table in next section (i.e. 12345678Z Pedro Antonio López (R:B0085974Z))
OI, OrganizationIdentifier	Registry data	NIF, exactly as it appears in the Official Records. Coded according to the European Standard ETSI EN 319 412-1 (VATES-B0085974Z)
O, Organization	Organization	Organization Name, exactly as it appears in the Official Records.
Description (2.5.4.13)	Codification of the public document proving the powers of the signatory or Public Records(*)	Reg:XXX/Hoja:XXX/Tomo:XXX/Sección:XXX/Libro:XXX/Folio:XXX /date: dd-mm-aaaa /Inscripción:XXX Notary: Name Surname1 Surname2 /Núm Protocolo: XXX /Authorization Date: dd-mm-aaaa Official Journals: Boletín: XXX /date: dd-mm-aaaa /Number resolución: XXX
C, Country	Country	two digit country code, according to ISO 3166-1. By default "ES".
serialNumber	Serial Number	ID or passport Number of the signatory (**)
SN, surName	Surname	signatory's surname, exactly as it appears on their ID
GN, givenName	Name de Pila	signatory's First name, exactly as it appears on their ID

(*)The data will be included exactly the same as in the official document, including, if applicable, characters "/"
(**)In the event that the signatory does not have an ID, the Passport Number will be indicated in the format indicated in the corresponding section of the CPS.

2.4.1.1. Common Name

Field	Content	Example	Size*

NIF	National ID number	12345678Z	10
Name	exactly as it appears in the National ID card	Pedro Antonio	
Surname 1	exactly as it appears in the National ID card	López	
Literal	(R:		4
Tax ID Number of the Company	Tax ID Number of the Company, exactly as it appears in the Official Records.	B0085974Z	9
Literal	)		2

*(taking into account the next blank space)

2.4.2. Common extensions of certificates

Extension	Critical	Values
Subject Alternative Name	-	(optional) RFC822:<email of the signatory> directoryName: • 1.3.6.1.4.1.13177.0.1: First name of the natural person, exactly as it appears on their ID. • 1.3.6.1.4.1.13177.0.2: First surname of the natural person, exactly as it appears on their ID • 1.3.6.1.4.1.13177.0.3: Second surname of the natural person, exactly as it appears on their ID(this field could be empty)
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment,
Extended Key Usage	-	TLS Web Client Authentication Email Protection
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>

CRL Distribution Points	-	<URI of the CRL>
Authority Informacion Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>

2.4.3. Extensions of Certificates without DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.11.2 <URI of the CPS> User Notice: "Éste es un Certificado Corporativo de Representante Legal. Address of the Trust Service Provider: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.0> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", without DCCF) <OID of the natural person who represents the legal person according to Secretariat SGIADSC: 2.16.724.1.3.5.8 >
QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures).

2.4.4. Extensions of Certificates with DCCF

Extension	Critical	Values

Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.11.1: DCCF portable 1.3.6.1.4.1.13177.10.1.11.3: DCCF centralized <URI of the CPS> User Notice: "Éste es un Certificado Corporativo de Representante Legal cualificado, en DCCF. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.2> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n-qscd", with DCCF) <OID of the natural person who represents the legal person according to Secretariat SGIADSC: 2.16.724.1.3.5.8 >
QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures). Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF)

2.5. Profile of the Corporate Certificate for Voluntary Representative against Public Administration.

2.5.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	See specific table in next section (i.e. 12345678Z Pedro Antonio López (R:B0085974Z))
OI, OrganizationIdentifier	Registry data	NIF, exactly as it appears in the Official Records. Coded according to the European Standard ETSI EN 319 412-1 (VATES-B0085974Z)
O, Organization	Organization	Organization Name, exactly as it appears in the Official Records.

Description (2.5.4.13)	Codification of the public document proving the powers of the signatory or Public Records(*)	Reg: XXX /Hoja: XXX /Tomo:XXX /Sección:XXX /Libro:XXX /Folio:XXX /date: dd-mm-aaaa /Inscripción:XXX Notary: Name Surname1 Surname2 /Núm Protocolo: XXX /Authorization Date: dd-mm-aaaa Official Journals: Boletín: XXX /date: dd-mm-aaaa /Number resolución: XXX
C, Country	Country	two digit country code, according to ISO 3166-1. By default "ES".
serialNumber	Serial Number	ID or Passport Number of the signatory (**)
SN, surName	Surname	signatory's surname, exactly as it appears on their ID
GN, givenName	Name de Pila	signatory's First name, exactly as it appears on their ID

(*)The data will be included exactly the same as in the official document, including, if applicable, characters "/".
(**)In the event that the signatory does not have an ID, the Passport Number will be indicated in the format indicated in the corresponding section of the CPS.

2.5.1.1. Common Name

Field	Content	Example	Size*
NIF	ID Number	12345678Z	10
Name	exactly as it appears in the ID	Pedro Antonio	
Surname 1	exactly as it appears in the ID	López	
Literal	(R:		4
Tax ID number of the Company	Tax ID number of the Company, exactly as it appears in the Official Records.	B0085974Z	9
Literal	)		2

*(taking into account the next blank space)

2.5.2. Common extensions of certificates

Extension	Critical	Values
Subject Alternative Name	-	RFC822:<Email of the signatory> (optional) directoryName: • 1.3.6.1.4.1.13177.0.1: First name of the natural person, exactly as it appears on their ID. • 1.3.6.1.4.1.13177.0.2: First surname of the natural person, exactly as it appears on their ID • 1.3.6.1.4.1.13177.0.3: Second surname of the natural person, exactly as it appears on their ID(this field could be empty)
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment,
Extended Key Usage	-	TLS Website Client Authentication E-mail Protection
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures).
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers

		Access Location: <URI to access the issuer CA's Certificate>

2.5.3. Extensions of Certificates without DCCF

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.12.2 <URI of the CPS> User Notice: Este es un Certificado Corporativo de Representante Voluntario cualificado frente a las AAPP. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.0> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", without DCCF) <OID of the natural person who represents the legal person according to Secretariat SGIADSC: 2.16.724.1.3.5.8 >

2.5.4. Extensions of Certificates with DCCF

Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.12.1: DCCF portable 1.3.6.1.4.1.13177.10.1.12.3: DCCF centralized <URI of the CPS> User Notice: "Este es un Certificado Corporativo de Representante Voluntario cualificado frente a las AAPP, en DCCF. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.2> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n-qscd", with DCCF) <OID of the natural person who represents the legal person according to Secretariat SGIADSC: 2.16.724.1.3.5.8 >
QcStatements	-	Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF)

2.6. Profile of Personal Certificates

2.6.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	Name and Surnames of the signatory
serialNumber	Serial Number	ID or passport Number of the signatory.(*) I.E: "IDCES-123456789Z"
SN, surName	Surname	signatory's surname, exactly as it appears on their ID
GN, givenName	Name de pila	signatory's First name, exactly as it appears on their ID
C, Country	Country	two digit country code, according to ISO 3166-1. By default "ES".

(*)In the event that the signatory does not have an ID, the Passport Number will be indicated in the format indicated in the corresponding section of the CPS. It will be coded according to the ETSI EN 319 412-1

2.6.2. Common extensions of certificates

Extension	Critical	Value
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment
Extended Key Usage	-	TLS Web Client Authentication

Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
qcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures).
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>
Subject Alternative Name	-	(optional) RFC822:<Email of the signatory> directoryName: • 1.3.6.1.4.1.13177.0.1: First name of the natural person, exactly as it appears on their ID. • 1.3.6.1.4.1.13177.0.2: First surname of the natural person, exactly as it appears on their ID • 1.3.6.1.4.1.13177.0.3: Second surname of the natural person, exactly as it appears on their ID(this field could be empty)

2.6.3. Certificate extensions without DCCF

Extension	Critical	Value
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.40.2 <URI of the CPS> User Notice: "Éste es un Certificado Personal de Persona Física cualificado para su uso sin DCCF. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona"

		<OID of the European Certification Policy: 0.4.0.194112.1.0> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", without DCCF)

2.6.4. Certificate extensions with DCCF

Extension	Critical	Value
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.40.1: DCCF portable 1.3.6.1.4.1.13177.10.1.40.3: DCCF centralized <URI of the CPS> User Notice: "Este es un Certificado Personal de Persona Física cualificado, en DCCF. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.2> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n-qscd", with DCCF).
QcStatements	-	Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicates that the private key is kept in a DCCF)

2.7. Profile of the Public Officer Certificate

2.7.1. Certificate

DN field	Name	Description
O, Organization	Organization	Official Name of the Public Administration or Public Entity subscriber of the certificate, to which the employee has an entailment.
OU, Organization Unit	Description of the certificate	"CERTIFICADO ELECTRÓNICO DE EMPLEADO PÚBLICO"(*)
OU, Organization Unit (optional)	Organization Unit	Unit, inside the Organization, to which the certificate's subscriber has an entailment.

OU, Organization Unit (optional)	Certificate Subscriber Identification Number (supposedly unique).	It corresponds to the NRP or NIP
Title (optional)	Title	The position of the natural person, which links them with the Public Administration or Public Entity subscribing the certificate, must be included.
serialNumber(**)	Serial Number	National ID number of the Public Officer, written as defined in ETSI EN 319 412-1
SN, Surname	Surname (Natural Person)	First and second Surname according to ID document (National ID card, passport) + " - DNI " + National ID number of the Public Officer
GN, Given name	Name	signatory's First name, exactly as it appears on their ID
CN, Common Name	Name, Surname y NIF	Name and Surnames, according to the ID document (National ID/Passport) + " - DNI " + National ID number of the Public Officer's
C, Country	Country	Two digit country code, according to ISO 3166-1. By default "ES".

(*) All the literals must be introduced in uppercase except for the domain/subdomain and the email, according to "Perfiles de Certificados Electrónicos" de 16 de abril de 2016 del Ministerio de Hacienda y Administraciones Públicas".

(**) SerialNumber = p. ej: IDCES-00000000G. 3 characters to indicate the Document Number (IDC= documento nacional de identidad) + 2 characters to identify theCountry (ES) + Identity Number (Printable String)) Size [RFC 5280] 64

2.7.2. Common extensions of certificates

Extension	Critical	Values
Subject Alternative Name (optional)	-	rfc822Name: contact Email
Basic Constraints	Yes	CA:FALSE
Extended Key Usage	-	E-mail Protection

Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>
CRL Distribution Points	-	<URI of the CRL>
Qualified Certificate Statements	Yes	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures).

2.7.3. Extensions of Certificates with, high level, signature

Extension	Critical	Values
Key Usage	Yes	Content Commitment
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.22.1: DCCF portable 1.3.6.1.4.1.13177.10.1.22.3: DCCF centralized <URI of the CPS> User Notice: • "Éste es un Certificado Cualificado de personal, high level. Address of the Trust Service Provider: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy> • 0.4.0.194112.1.2 (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n-qscd", with DCCF) <OID Public Officer Certification Policy: 2.16.724.1.3.5.7.1>
Qualified Certificate Statements	Yes	Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF)
Subject Alternative Name	-	directoryName: OID: 2.16.724.1.3.5.7.1.1 = "certificado electrónico de empleado público de nivel alto" OID: 2.16.724.1.3.5.7.1.2 = <O of the DN> OID: 2.16.724.1.3.5.7.1.3 = <Tax ID number of the subscribing entity> OID: 2.16.724.1.3.5.7.1.4 = <serialNumber of the DN> OID: 2.16.724.1.3.5.7.1.5 = Certificate Subscriber Identification Number (supposedly unique). It corresponds to the NRP or NIP. (third entry <OU of DN>) OID: 2.16.724.1.3.5.7.1.6 = <Given name> OID: 2.16.724.1.3.5.7.1.7 = <First Surname of the Public Officer> OID: 2.16.724.1.3.5.7.1.8 = <Second Surname of the Public Officer> OID: 2.16.724.1.3.5.7.1.9 = <Email of the Public Officer> OID: 2.16.724.1.3.5.7.1.10 = Unit, inside the Administration, to which the certificate subscriber has an entailment (second entry <OU of the DN>) OID: 2.16.724.1.3.5.7.1.11 = <Title, T of the DN>

2.7.4. Extensions of Certificates with, medium level

Extension	Critical	Values
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment
Extended Key Usage	-	TLS Website Client Authentication
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.22.2 <URI of the CPS> User Notice: "Éste es un Certificado Cualificado de personal, nivel medio. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy: 0.4.0.194112.1.0> (Qualified EU Certificates Policy for Qualified Certificates for Natural Persons "QCP-n", without DCCF) <OID Public Officer Certification Policy: 2.16.724.1.3.5.7.2>
Subject Alternative Name	-	(optional) otherName-userPrincipalName (UPN): Windows Domain User of the Public Officer directoryName: OID: 2.16.724.1.3.5.7.2.1 = "certificado electrónico de empleado público" OID: 2.16.724.1.3.5.7.2.2 = <O og the DN> OID: 2.16.724.1.3.5.7.2.3 = <Tax ID number of the subscribing entity> OID: 2.16.724.1.3.5.7.2.4 = <ID of the Public Officer> OID: 2.16.724.1.3.5.7.2.5 = Certificate Subscriber Identification Number (supposedly unique). It corresponds to the NRP or NIP. (third entry <OU of DN>) OID: 2.16.724.1.3.5.7.2.6 = <Given name> OID: 2.16.724.1.3.5.7.2.7 = <First Surname of the Public Officer> OID: 2.16.724.1.3.5.7.2.8 = <Second Surname of the Public Officer> OID: 2.16.724.1.3.5.7.2.9 = <Email of the Public Officer> OID: 2.16.724.1.3.5.7.2.10 = Unit, inside the Administration, to which the certificate subscriber has an entailment (second entry <OU of the DN>) OID: 2.16.724.1.3.5.7.2.11 = <Title, T of the DN>

2.8. Profile of Public Officer with pseudonym Certificates

2.8.1. Certificate

DN field	Name	Description
O, Organization	Organization	Official Name of the Public Administration or Entity subscribing the certificate, to which the Public Officer has an entailment.
OU, Organization Unit	Description of the certificate	"CERTIFICADO ELECTRÓNICO DE EMPLEADO PÚBLICO CON SEUDÓNIMO"(*)
OU, Organization Unit (optional)	Organization Unit	Unit, inside the Administration, to which the certificate subscriber has an entailment
OU, Organization Unit (optional)	DIR3 Code of the unit	Ej: E04976701
pseudonym 2.5.4.65	Seudónimo	Ej: NIP 111111111
Title (optional)	Title	The position of the natural person must be included, which links them with the Public Administration or Public Entity subscribing the certificate.
CN, Common Name	pseudonym	"SEUDÓNIMO - " + pseudonym +" - " + organization
C, Country	Country	two digit country code, according to ISO 3166-1. By default "ES".

(*) All the literals must be introduced in uppercase except for the domain/subdomain and the email, according to "Perfiles de Certificados Electrónicos" de 16 de abril de 2016 del Ministerio de Hacienda y Administraciones Públicas".

2.8.2. Common extensions of certificates

Extension	Critical	Values
Basic Constraints	Yes	CA:FALSE
Extended Key Usage	-	E-mail Protection
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>

Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>
CRL Distribution Points	-	<URI of the CRL>
Qualified Certificate Statements	Yes	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period)

2.8.3. Extensions of Certificates with, medium level

Extension	Critical	Values
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment
Extended Key Usage	-	TLS Web Client Authentication
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.23.2 <URI of the CPS> User Notice: "Éste es un Certificado Cualificado de personal, nivel medio. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the European Certification Policy, corresponding to the policy for qualified EU certificates issued to natural persons "QCP-n", without a DCCF> 0.4.0.194112.1.0 <OID Public Officer with pseudonym Certification Policy, medium level> 2.16.724.1.3.5.4.2

Subject Alternative Name	-	(optional) otherName-userPrincipalName (UPN): Windows Domain User of the Public Officer directoryName: OID: 2.16.724.1.3.5.4.2.1 = "Public Officer with pseudonym Certificate" OID: 2.16.724.1.3.5.4.2.2 = <O of the DN> OID: 2.16.724.1.3.5.4.2.3 = <Tax ID number of the subscribing entity> OID: 2.16.724.1.3.5.4.2.10 = Unit, inside the Administration, to which the certificate subscriber has an entailment (second entry <OU of the DN>) OID: 2.16.724.1.3.5.4.2.11 = <Title, T of the DN> OID: 2.16.724.1.3.5.4.2.12 = <pseudonym of the DN>
Qualified Certificate Statements		d-etsi-qcs-QcType: 0.4.0.1862.1.6.1 (qct-esign,indicating that it is a Certificate that creates Digital Signatures).

3. Description of profiles of the Electronic Seal Certificate

3.1. Profile of Electronic Seal Certificates for Public Administration or Entity.

3.1.1. Certificate

DN field	Name	Description
O, Organization	Organization	It will contain the name of the Administration to which the body belongs (p.e. "Ministry of Equality")
OI, Organization Identifier	Organization Identifier	Organization Identifier different from the Name. According to ETSI EN 319 412-1 (VATES + Tax Number of the Entity)
OU, Organization Unit	Organization Unit	"Electronic Seal"
Serial Number	Tax ID Number	Tax ID number of the Public Administration or Public Entity.
SN, Surname (optional)	Surname (Natural Person)	First and second surname (according to National ID card or passport) + " - DNI " + National ID number of the private key custodian
GN, Given name (optional)	Name (Natural Person)	First Name according to the Private Key custodian's ID or passport.
CN, Common Name	System or application name	p.e. "VALIDATION PLATFORM OF THE CITY COUNCIL OF xxx"
C, Country	Country	"ES"

3.1.2. Common extensions of certificates

Extension	Critical	Values
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment Key Encipherment
Extended Key Usage	-	Email protection TLS Website Client Authentication
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server> Access Method: Id-ad-calssuers Access Location: <URI to access the issuer CA's Certificate>
CRL Distribution Points	-	<URI of the CRL>
Qualified Certificate Statements	Yes	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.2 (qct-eseal, it indicates that it is a certificate that creates electronic seals).

3.1.3. Extensions of Certificates, high level

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.21.1: DCCF portable 1.3.6.1.4.1.13177.10.1.21.3: DCCF centralized <URI of the CPS> User Notice: "Certificado cualificado de sello de Administración, órgano o entidad de derecho público, nivel alto. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the Certification Policy according to Secretariat SGIADSC: 2.16.724.1.3.5.6.1> < OID "for EU qualified certificates issued to legal persons" according to ETSI EN 319 411-2: QCP-l-qscd: 0.4.0.194112.1.3>
Qualified Certificate Statements	Yes	Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF)
Subject Alternative Name	-	rfc822Name: contact email (optional) directoryName: OID: 2.16.724.1.3.5.6.1.1 = "Electronic Seal high level" OID: 2.16.724.1.3.5.6.1.2 = <O of the DN> OID: 2.16.724.1.3.5.6.1 .3 = <serialNumber of the DN> OID: 2.16.724.1.3.5.6.1 .4 = <Custodian ID> (optional) OID: 2.16.724.1.3.5.6.1 .5 = <CN of the DN> OID: 2.16.724.1.3.5.6.1 .6 = <Given name> (optional) OID: 2.16.724.1.3.5.6.1 .7 = <First Surname of the Custodian>(*) (optional) OID: 2.16.724.1.3.5.6.1 .8 = <Second Surname of the Custodian>(*) (optional) OID: 2.16.724.1.3.5.6.1 .9 = <Email of the Custodian> (optional)

(*) According to the ID or passport

3.1.4. Extensions of Certificates, medium level

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.21.2 <URI of the CPS> User Notice: "Certificado cualificado de sello de Administración, órgano o entidad de derecho público, nivel medio. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" <OID of the Certification Policy of theMHAP: 2.16.724.1.3.5.6.2> <OID "for EU qualified certificates issued to legal persons" according to ETSI EN 319 411-2: QCP-l: 0.4.0.194112.1.1>
Subject Alternative Name	-	rfc822Name: contact Email (optional) directoryName: OID: 2.16.724.1.3.5.6.2.1 = "Electronic Seal medium level" OID: 2.16.724.1.3.5.6.2.2 = <O of the DN> OID: 2.16.724.1.3.5.6.2.3 = <DN serialNumber> OID: 2.16.724.1.3.5.6.2.4 = <ID of the custodian> (optional) OID: 2.16.724.1.3.5.6.2.5 = <CN of the DN> OID: 2.16.724.1.3.5.6.2.6 = <Given name> (optional) OID: 2.16.724.1.3.5.6.2.7 = <Custodian's First Surname>(*) (optional) OID: 2.16.724.1.3.5.6.2.8 = <Custodian's Second Surname> (*) (optional) OID: 2.16.724.1.3.5.6.2.9 = <Email of the custodian> (optional

(*)According to the ID or passport

3.2. Profile of the Corporate Company Seal Certificates

3.2.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	It contains the Legal Person's trade name.
serialNumber	Tax ID Number	<Legal Person Tax ID number>
O, Organization	Organization	It contains the exact denomination of the legal person that as it appears in the commercial register, or in case of PSD2 certificates, in the Public Registry of the Competent National Authority of the Member State of origin or resulting from notifications to the EBA (European Banking Authority).
OI, organizationIdentifier	Organization Identifier	Organization Identifier, according to ETSI EN 319 412-1 (VATES + entity's tax number) In case of PSD2 certificates, Organization Identifier, according to ETSI TS 119 495
OU, Organization Unit (optional)	Organization Unit	It will contain the Department or Unit
E, Email Address (optional)	Email	It will contain a Company email
ST, State	Geographic Location	Geographic location of the subscriber
C, Country	Country	Two digit country code, according to ISO 3166-1. By default "ES".

(*) According to ETSI EN 319 412-1 and ETSI EN 319 412-3

3.2.2. Extensions of Certificates

Extension	Critical	Values
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Content Commitment

		Key Encipherment
Extended Key Usage	-	TLS Website Client Authentication Email Protection
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
Authority Information Access	-	<URI where the CA Certificate is located> Access Method: Id-ad-ocsp Access Location: <URI to access the OCSP server>
CRL Distribution Points	-	<URI of the CRL>
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.10.2 <URI of the CPS> User Notice: "Éste es un Certificado Corporativo de Sello Empresarial Cualificado. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" In case of PSD2 certificate: User Notice "Éste es un Certificado Corporativo de Sello Empresarial Cualificado PSD2. Dirección del prestador de servicios de confianza: Paseo de la Bonanova, 47. 08017 Barcelona" < OID "for EU qualified certificates issued to legal persons" according to ETSI EN 319 411-2: QCP-l: 0.4.0.194112.1.1>
Subject Alternative Name (optional)	-	<Contact Email>
QcStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.2 (qct-eseal,indicating that it is a Certificate that creates Digital Signatures). In case of PSD2 certificates etsi-psd2-qcStatement according to ETSI TS 119 495

4. Description of the Profiles of the Website Authentication Certificates

4.1. Profile of Electronic Office Certificates

4.1.1. Certificate

DN field	Name	Description
CN, Common Name	Name	Denomination of the domain in which the certificate will be located It must be the same as the one that is located in the Subject Alternative Names Extension
O, Organization	Organization	Official name of the subscribing organization of the certification services
OU, Organization Unit	Organization Unit	"SEDE ELECTRONICA"
OU, Organization Unit	Organization Unit	Descriptive name of the headquarters
serialNumber optional)(*)	Serial Number	It will contain the Tax Number of the Entity responsible for the Electronic Office
organizationIdentifier		Organization Identifier According to ETSI EN 319 412-1 (VATES + Entity Tax Number))
C, Country	Country	C= ES
L, Locality		City
businessCategory		Category of the Organization: "Government Entity"
jurisdictionCountryName		Jurisdiction JurisdictionCountryName= "ES"

(*)The field SerialNumber is marked as optional, given that the field OrganizationIdentifier contains the same information

4.1.2. Common extensions of certificates

Extension	Critical	Values
Authority Key Identifier	-	<ID of the CA's Public Key, obtained from its hash>
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Key Usage	Yes	Digital Signature Key Encipherment
Extended Key Usage	-	TSL web Server Authentication
Basic Constraints	Yes	CA:FALSE
CRL Distribution Points	-	<URI of the CRL>
Authority Information Access	-	Access Method: Id-ad-ocsp Access Location: http://ocsp.firmaprofesional.com Access Method: Id-ad-calssuers Access Location: http://crl.firmaprofesional.com/infraestructura.crt
Certificate Policies	-	<URI of the CPS> http://www.firmaprofesional.com/cps <OID "EU qualified website authentication certificates" according to ETSI EN 319 411-2: QCP-w: 0.4.0.194112.1.4> <OID of the Certification Policy of the Certificate: 0.4.0.2042.1.4> <OID ca-browser-forum.certificate-policies.extended-validation : 2.13.140.1.1>
Qualified Certificate Statements		Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.3 (qct-web,indicating that it is a Certificate that creates Digital Signatures).
Subject Alternative Name	-	dNSName: Name of the domain in which the certificate will be located.
cabfOrganizationIdentifier (2.23.140.3.1)	-	Scheme: three-digit scheme identifier (VAT, PSD, ...) Country: ISO 3166-1 two-digit country code

		Reference: identified of the organization according to the scheme and country

4.1.3. Extensions of Certificates with, high level

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.20.1 User Notice: "Certificado de Sede Electronica Nivel Alto" <OID of the Certification Policy of the MHAP 2.16.724.1.3.5.5.1>

4.1.4. Extensions of Certificates, medium level

Extension	Critical	Values
Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.20.2 User Notice: "Certificado de Sede Electronica Nivel Medio" <OID of the Certification Policy of the MHAP 2.16.724.1.3.5.5.2>

4.2. Profile of the Server Website SSL Certificates

4.2.1. Distinguished Name (DN)

Field	Values	Description
CN, Common Name	Name	(EVG 9.2.3) Name of a single domain. (BR. 7.1.4.2.2.a) Este dominio debe coincidir con el indicado (o con uno de los indicados) en el Subject Alt Names).
O, Organization	Organization	Official Name of the Certificate Subscriber Organization.

OU, Organizational Unit	Department	Optional until version 6.3 (included)of the present policy. No further present. (BR. 7.1.4.2.2.i) optional
serialNumber (optional)(*)	Tax ID Number	Tax ID Number of the Certificate subscriber Organization
OI, OrganizationIdentifier		Organization Identifier, according to ETSI EN 319 412-1 (VATES + NIF de la entidad) In case of PDS2 certificate Organization Identifier, according to ETSI TS 119 495
businessCategory	Private Organization Government Entity Business Entity Non-Commercial Entity	(EVG 9.2.4) Business Category
L, Locality	City	Address of Place of Business: City
ST, StateOfProvince	Province	Organization Province of Registry
C, Country	Country	Two digit country code, according to ISO 3166-1. By default "ES".
jurisdictionCountryName 1.3.6.1.4.1.311.60.2.1.3	Country	(EVG 9.2.5) Subject Jurisdiction of Incorporation or Registration

(*)The SerialNumber field is marked as optional, given that the field OrganizationIdentifier contains the same information.

The fields (EVG 9.2.X) are specific requirements for the Extended Validation Certificates as defined in CA/Browser Forum.

The indications (BR.X) are requirements of the Baseline Requirements Certificate Policy for the Issuance and Management of Publicly-Trusted Certificates of the CA/Browser Forum, valid at the time of publication of this document.

4.2.2. Extensions of Certificates

Extension	Critical	Values
Subject Alternative Name	-	URL, Name of the domain or identification of the device or service that owns the keys or the application. (EVG 9.2.2) More than 1 domain can be included, but not wildcards. For multi-domain certificates, the URL will follow the format "*.dominio.com" (This indication is prohibited for EV certificates)
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	Digital Signature Key Encipherment Data Encipherement
Extended Key Usage	-	Server Authentication (1.3.6.1.5.5.7.3.1) Client Authentication (1.3.6.1.5.5.7.3.2)
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
Authority Information Access	-	Access Method 1: Id-ad-ocsp (1.3.6.1.5.5.7.48.1) Access Location 1: http://ocsp.firmaprofesional.com Access Method 2: id-ad-caissuers (1.3.6.1.5.5.7.48.2) Access Location 2: http://crl.firmaprofesional.com/infraestructura.crt
CRL Distribution Points	-	http://crl.firmaprofesional.com/infraestructura.crl

Certificate Policies	-	<OID of the Certification Policy of the Certificate> 1.3.6.1.4.1.13177.10.1.3.1 SSL OV 1.3.6.1.4.1.13177.10.1.3.10 SSL EV / Qualified and PSD2 <URI of the CPS> User Notice: "Este es un Certificado de Servidor Web cualificado con Validación Extendida" (for EV Certificates) User Notice: "Este es un Certificado de Servidor Web"(for Certificates without EV) User Notice: "Este es un Certificado de Servidor Web para PSD2" (for PSD2 web server certificates) <OID "EU qualified website authentication certificates" according to ETSI EN 319 411-2: QCP-w: 0.4.0.194112.1.4 > (for EV and PSD2 Certificates) <OID of the EV Certification Policy for the certificate: 0.4.0.2042.1.4> (for EV and PSD2 Certificates) <OID ca-browser-forum.certificate-policies.baseline-requirements.organization-validated: 2.13.140.1.2.2> (para los certificados SSL OV) <OID ca-browser-forum.certificate-policies.extended-validation : 2.13.140.1.1> (para los certificados EV y PSD2)
Qualified Certificate Statements (solo para EV y PSD2)	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (indicating Qualified Certificates) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.3 (qct-web,indicating that it is a Certificate that creates Digital Signatures). In case of PSD2 certificates etsi-psd2-qcStatement according to ETSI TS 119 495
cabfOrganizationIdentifier (for EV and PSD2 only)	-	Scheme: three digits scheme ID Country: ISO 3166-1 country code Reference: organization ID number according to scheme and country

5. Description of profiles of Secure Service Certificates CA, TSA, VA

5.1. Profile of CA Certificates

5.1.1. CA Certificates

5.1.1.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	Common Name of the Organization that provides the Certification Service .
O, Organization	Organization	Denomination (Official Name of the Organization) of the certification service provider (Certificate issuer)(*)
C, Country	Country	C=ES

(*)MINHAP 7. SubCA Certificate 1.4.2 Organization

5.1.1.2. Extensions of Certificates

Extension	Critical	Values
Basic Constraints	Yes	CA:TRUE
Key Usage	Yes	keyCertificateSignature cRLSignature
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
Certificate Policies	-	policyIdentifier: 1.3.6.1.4.1.13177.10.10.2 cPSURI: http://www.firmaprofesional.com/cps

		userNotice: "Certificado de Autoridad de Certificación"
Authority Information Access		accessMethod: Id-ad-calssuers accessLocation: <URI to access the issuer CA's Certificate>

5.1.2. QCA Certificates (Qualified CA)

5.1.2.1. Distinguished Name (DN)

Additionally, the DN of the Qualified CA Certificates (QCA) must fulfill the following requirements:

DN field	Name	Description
OI, Organization Identifier	Organization ID	Organization ID different from the Name As defined in ETSI EN 319 412-1 (VATES + Entity NIF)
OU, Organization Unit	Organization Unit	Service Provider dependent Organization Unit, responsible for issuing the certificate.

5.1.2.2. Extensions of Certificates with DCCF

Extension	Critical	Values
Certificate Policies	-	policyIdentifier: 1.3.6.1.4.1.13177.10.10.1 cPSURI: http://www.firmaprofesional.com/cps userNotice: "Certificado de Autoridad de Certificación Cualificado"
Authority Information Access		accessMethod: Id-ad-ocsp accessLocation: <URI to access the OCSP server>

5.2. Profile of VA Certificates

5.2.1. VA Certificates

5.2.1.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	URL of the service.
O, Organization	Organization	Name of the Organization that provides the secure service
C, Country	Country	C=ES

5.2.1.2. Extensions of Certificates

Extension	Critical	Values
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	digitalSignature cRLSignature
Extended Key Usage	Yes	id-kp-OCSPSigning
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
Certificate Policies	-	policyIdentifier: 1.3.6.1.4.1.13177.10.1.31.2 cPSURI: http://www.firmaprofesional.com/cps userNotice: "Certificado de firma de respuestas OCSP"
1.3.6.1.5.5.7.48.1.5 id-pkix-ocsp-nocheck (optional)	-	oCSPNoCheck
Authority Information Access	-	accessMethod: Id-ad-calssuers accessLocation: <URI to access the issuer CA's Certificate>

5.2.2. QVA Certificates (Qualified VA)

Additionally, the profile of the Qualified CA Certificates (QCA) must fulfill the following requirements:

5.2.2.1. Distinguished Name (DN)

DN field	Name	Description
OI, Organization Identifier	Organization ID	As defined in Clause 5 of ETSI EN 319 312-1

5.2.2.2. Extensions of Certificates

Extension	Critical	Values
Certificate Policies	-	policyIdentifier: 1.3.6.1.4.1.13177.10.1.31.1 cPSURI: http://www.firmaprofesional.com/cps userNotice: "Certificado de firma de respuestas OCSP cualificado"
1.3.6.1.5.5.7.48.1.5 id-pkix-ocsp-nocheck	-	oCSPNoCheck
QCStatements	-	Id-etsi-qcs-QcCompliance: 0.4.0.1862.1.1 (It indicates a Qualified Certificate) Id-etsi-qcs-QcRetentionPeriod: 0.4.0.1862.1.3 = 15 (for a 15 years period) Id-etsi-qcs-QcType: 0.4.0.1862.1.6.2 (it indicates that it is a certificate that creates electronic seals) Id-etsi-qcs-QcSSCD: 0.4.0.1862.1.4 (indicating that the Private Key is guarded in a DCCF

5.3. Profiles of TSA Certificates

5.3.1. TSA Certificates

5.3.1.1. Distinguished Name (DN)

DN field	Name	Description
CN, Common Name	Name	Must contain an identifier of the TSU that has to identify without doubt the exact TSU, including the client's reference.
O, Organization	Organization	Firmaprofesional S.A.
C, Country	Country	C=ES It must specify the Country where the TSA is located (it doesn't necessarily mean where the TSU is physical located)

5.3.1.2. Extensions of Certificates

Extension	Critical	Values
Basic Constraints	Yes	CA:FALSE
Key Usage	Yes	digitalSignature contentCommitment
Extended Key Usage	Yes	id-kp-timeStamping {1.3.6.1.5.5.7.3.8}
Subject Key Identifier	-	<ID of the Certificate's Public Key, obtained from its hash>
Authority Key Identifier	-	<ID of the CA Certificate's Public Key, obtained from its hash>
CRL Distribution Points	-	<URI of the CRL>
Certificate Policies	-	policyIdentifier: 1.3.6.1.4.1.13177.10.1.4.2 cPSURI: http://www.firmaprofesional.com/cps userNotice: "Certificado TSA de Servidor Seguro"
Authority Information Access	-	accessMethod: Id-ad-calssuers accessLocation: <URI to access the issuer CA's Certificate>

5.3.2. QTSA Certificates (Qualified TSA)

Additionally, the profile of the Qualified CA Certificate, must fulfill the following requirements:

5.3.2.1. Distinguished Name (DN)

DN field	Name	Description
OI, Organization Identifier	Organization ID	"VATES-A62634068"

5.3.2.2. Extensions of Certificates

Extension	Critical	Values
Certificate Policies	-	policyIdentifier: 1.3.6.1.4.1.13177.10.1.4.1 cPSURI: http://www.firmaprofesional.com/cps userNotice: "Certificado TSA de Servidor Seguro Cualificado"
id-ce-privateKeyUsagePeriod 2.5.29.16		Its goal is to limit the validity of the private key: 3 years
Authority Information Access		accessMethod: Id-ad-ocsp accessLocation: <URI to access the OCSP server>

The Qualified Timestamp Tokens, should include an instance of the extension qcStatements, according to the syntax defined in IETF RFC 3739 [i.3], clause 3.2.6.

The extension should include an instance of "esi4-qtstStatement-1" as defined in the Annex B of the ETSI TS 319 422.

Firmaprofesional, S.A.

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