



**Electronic Signatures and Infrastructures (ESI);
Certificate Profiles;
Part 3: Certificate profile for certificates issued
to legal persons**

Reference

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Keywords

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Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Electronic Signatures and Infrastructures (ESI).

The present document is part 3 of the multipart deliverable covering the Certificates Profiles. Full details of the entire series can be found in part 1 [i.4].

Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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Introduction

ITU and ISO issued standards for certification of public keys in ITU X.509 | /ISO/IEC 9594-8 [i.2] which are used for the security of communications and data for a wide range of electronic applications.

Regulation (EU) No 910/2014 [i.3] 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 defines requirements on specific types of certificates named "qualified certificates". Implementation of Directive 1999/93/EC [i.1] and deployment of certificate infrastructures throughout Europe as well as in countries outside of Europe, have resulted in a variety of certificate implementations for use in public and closed environments, where some are declared as qualified certificates while others are not.

Applications need support from standardized and interoperable identity certificates profiles, in particular when applications are used for electronic signatures, authentication and secure electronic exchange in open environments and international trust scenarios, but also when certificates are used in local application contexts.

ETSI TS 119 412-2 [2] specifies a profile for certificates issued to natural persons, which provides the basis for this profile for certificates issued to legal persons.

The present document aims to maximise the interoperability of systems issuing and using certificates both in the European context under the Regulation (EU) No 910/2014 [i.3] and in the wider international environment.

1 Scope

The present document specifies a certificate profile for certificates issued to legal persons. The profile defined in the present document builds on requirements defined in ETSI TS 119 412-2 [2].

The present document supports the requirements of EU qualified certificates as specified in the Regulation (EU) No 910/2014 [i.3] as well as other forms of certificate.

2 References

2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

The following referenced documents are necessary for the application of the present document.

- [1] Recommendation ITU-T X.520 (10/2012): "Information technology - Open Systems Interconnection - The Directory: Selected attribute types".
- [2] ETSI TS 119 412-2: "Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 2: Certificate Profile for certificates issued to natural persons".

2.2 Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

- [i.1] Directive 1999/93/EC of the European Parliament and of the Council of 13 December 1999 on a Community framework for electronic signatures.
- [i.2] Recommendation ITU-T X.509/ISO/IEC 9594-8: "Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks".
- [i.3] 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.
- [i.4] ETSI TS 119 412-1: "Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in ETSI TS 119 412-1 [i.4] apply.

3.2 Abbreviations

For the purposes of the present document, the abbreviations defined in ETSI TS 119 412-2 [2] apply.

4 Profile requirements

4.1 Generic requirements

All certificate fields and extensions shall comply with ETSI TS 119 412-2 [2] with the amendments specified in the present document.

4.2 Basic certificate fields

4.2.1 Subject

The subject field shall include at least the following attributes as specified in Recommendation ITU-T X.520 [1]:

- `countryName`;
- `organizationName`;
- `organizationIdentifier`; and
- `commonName`.

Additional attributes may be present.

The `countryName` attribute shall specify the country in which the subject (legal person) is established.

The `organizationName` attribute shall contain the full registered name of the subject (legal person).

The `organizationIdentifier` attribute shall contain an identification of the subject organization different from the organization name. Certificates may include one or more semantics identifiers as specified in clause 5 of ETSI TS 119 412-1 [i.4].

The `commonName` attribute value shall contain a name commonly used by the subject to represent itself. This name needs not be an exact match of the fully registered organization name.

History

| Document history | | |
|-------------------------|-----------|--|
| V1.0.0 | June 2015 | EN Approval Procedure AP 20151016: 2015-06-18 to 2015-10-16 |
| V1.0.1 | July 2015 | Publication (same technical content as ETSI EN 319 412-3 V1.0.0) |
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