ICS 03.080.99, 35.040 SLOVENSKÁ TECHNICKÁ NORMA Október 2025

| STN | **Elektronické podpisy a dôveryhodné infraštruktúry (ESI) Profily certifikátu Časť 5: Vyhlásenia QC** | **STN EN 319 412-5 V2.5.1**<br><br>87 9412 |
|---|---|---|

Electronic Signatures and Trust Infrastructures (ESI); Certificate Profiles; Part 5: QCStatements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/25

Obsahuje: EN 319 412-5 V2.5.1:2025

**141060**

# ETSI EN 319 412-5 V2.5.1 (2025-06)


## Electronic Signatures and Trust Infrastructures (ESI);
## Certificate Profiles;
## Part 5: QCStatements

Reference
REN/ESI-0019412-5v251

Keywords
e-commerce, electronic signature, security, trust services

***ETSI***

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - APE 7112B
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° w061004871

# Contents

# Intellectual Property Rights

## Essential patents

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The declarations pertaining to these essential IPRs, if any, are publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available from the ETSI Secretariat. Latest updates are available on the ETSI IPR online database.

Pursuant to the ETSI Directives including the ETSI IPR Policy, no investigation regarding the essentiality of IPRs, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

## Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

**DECT™**, **PLUGTESTS™**, **UMTS™** and the ETSI logo are trademarks of ETSI registered for the benefit of its Members. **3GPP™**, **LTE™** and **5G™** logo are trademarks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners. **oneM2M™** logo is a trademark of ETSI registered for the benefit of its Members and of the oneM2M Partners. **GSM®** and the GSM logo are trademarks registered and owned by the GSM Association.

# Foreword

This European Standard (EN) has been produced by ETSI Technical Committee Electronic Signatures and Trust Infrastructures (ESI).

The present document is part 5 of multi-part deliverable covering the Certificate Profiles. Full details of the entire series can be found in part 1 [i.1].

The present document was previously published as ETSI TS 101 862 [i.4].

| **National transposition dates** | |
|---|---|
| Date of adoption of this EN: | 12 June 2025 |
| Date of latest announcement of this EN (doa): | 30 September 2025 |
| Date of latest publication of new National Standard or endorsement of this EN (dop/e): | 31 March 2026 |
| Date of withdrawal of any conflicting National Standard (dow): | 31 March 2026 |

# 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).

"**must**" and "**must not**" are **NOT** allowed in ETSI deliverables except when used in direct citation.

# Introduction

ITU and ISO issued standards for certification of public keys in Recommendation ITU-T X.509 | ISO/IEC 9594-8 [i.7] which are used for the security of communications and data for a wide range of electronic applications.

The IETF qualified certificate profile, IETF RFC 3739 [2] defines an extension to X.509 certificates, the `qcStatements` extension, which can include statements relevant for qualified certificates. IETF RFC 3739 [2] defines qualified certificates in a general context as "a certificate whose primary purpose is to identify a person with a high level of assurance, where the certificate meets some qualification requirements defined by an applicable legal framework". The use of IETF RFC 3739 [2] `qcStatements` in the present document goes beyond the scope of the RFC which is directed at natural persons only.

The `qcStatements` certificate extension can contain any statement by the certificate issuer that can be useful to the relying party in determining the applicability of the certificate for an intended usage. Such statement can be a declaration that the certificate fulfils specific legal requirements for qualified certificates according to a defined legal framework.

The present document is aiming to meet the general requirements of the international community to provide trust and confidence in electronic transactions including, amongst others, applicable requirements from Regulation (EU) No 910/2014 [i.8] Annexes I, III and IV.

# 1 Scope

The present document defines specific `QCStatement` for the `qcStatements` extension as defined in IETF RFC 3739 [2], clause 3.2.6, including requirements for their use in EU qualified certificates. Some of these `QCStatements` can be used for other forms of certificate.

The `QCStatements` defined in the present document can be used in combination with any certificate profile, either defined in ETSI EN 319 412-2 [i.2], ETSI EN 319 412-3 [i.5] and ETSI EN 319 412-4 [i.6], or defined elsewhere.

The `QCStatements` defined in clause 4.3 can be applied to regulatory environments outside the EU. Other requirements specified in clause 4 are specific to Regulation (EU) No 910/2014 [i.8] but may be adapted for other regulatory environments.

# 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 in the ETSI docbox.

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] ISO 639:2023: "Code for individual languages and language groups".

[2] IETF RFC 3739: "Internet X.509 Public Key Infrastructure: Qualified Certificates Profile".

[3] Recommendations ITU-T X.680, X.681, X.682, X.683: "Information technology - Abstract Syntax Notation One (ASN.1)".

[4] Void.

[5] IETF RFC 2818: "HTTP Over TLS".

[6] ISO 3166-1: "Codes for the representation of names of countries and their subdivisions — Part 1: Country code".

## 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 may be useful in implementing an ETSI deliverable or add to the reader's understanding, but are not required for conformance to the present document.

[i.1] ETSI EN 319 412-1: "Electronic Signatures and Trust Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures".

[i.2] ETSI EN 319 412-2: "Electronic Signatures and Trust Infrastructures (ESI); Certificate Profiles; Part 2: Certificate Profile for certificates issued to natural persons".

[i.3] Directive 1999/93/EC of the European Parliament and of the Council of 13 December 1999 on a Community framework for electronic signatures.

[i.4] ETSI TS 101 862: "Qualified Certificate profile".

[i.5] ETSI EN 319 412-3: "Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 3: Certificate Profile for certificates issued to legal persons".

[i.6] ETSI EN 319 412-4: "Electronic Signatures and Trust Infrastructures (ESI); Certificate Profiles; Part 4: Certificate profile for web site certificates".

[i.7] Recommendation ITU-T X.509 | ISO/IEC 9594-8: "Information technology - Open systems interconnection - The Directory: Public-key and attribute certificate frameworks".

[i.8] 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.9] IETF RFC 5280: "Internet X.509 Public Key Infrastructure Certificate and Certificate Revocation List (CRL) Profile".

[i.10] ETSI EN 319 411-1: "Electronic Signatures and Trust Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements".

[i.11] CA/Browser Forum: "Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates".

[i.12] CA/Browser Forum: "Guidelines for The Issuance and Management of Extended Validation Certificates".

[i.13] Regulation (EU) 2024/1183 of the European Parliament and of the Council of 11 April 2024 amending Regulation (EU) No 910/2014 as regards establishing the European Digital Identity Framework.

[i.14] ISO 4217: "Codes for the representation of currencies".