



# Welcome to the World of Standards



## ETSI TC ESI PRESENTATION TO CAB FORUM

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- 🌐 Clarifications

- 🌐 Status

- ETSI Standards are aimed at the International community
  - Founded initially to serve European needs, ETSI has become highly-respected as a producer of technical standards for worldwide use
  - EN 319 411-1 Incorporates CAB-F requirements
    - EU specific “qualified” requirements specified separately in EN 319 411-2

## ETSI standards provide precise audit criteria

- Linked to Specific policy: OV/DV/EV ....
- 395 specific items in audit check list

EN319411-1v111-checklist.xlsx [Shared] - Microsoft Excel

B117 [ETSI 319 411-1] Clause 6.2.4 b

|    | A                 | B                                  | C  | D                                     | E        | F     | G     | H     | I    | J     | K   | L            | M            | N  |
|----|-------------------|------------------------------------|--|---------------------------------------|----------|-------|-------|-------|------|-------|-----|--------------|--------------|----|
|    | Sorting Algorithm | Technical Requirement Reference    | Short description                            | CABF requirements                     | Severity | DVCCP | DVCCP | EVCCP | NCCP | NCCP+ | LCP | TSP Dvccraft | Registration | Ca |
| 1  |                   |                                    |  |                                       |          |       |       |       |      |       |     |              |              |    |
| 5  |                   |                                    |  |                                       |          |       |       |       |      |       |     |              |              |    |
| 6  |                   | <b>[ETSI 319 411-1] Clause 5.2</b> | <b>CPS requirements</b>                      |                                       |          |       |       |       |      |       |     |              |              |    |
| 7  |                   | [ETSI 319 401] Clause 6.1 a        | Addresses all requirements                   |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 8  |                   | [ETSI 319 401] Clause 6.1 b        | Obligations on supporting TSP services       |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 9  |                   | [ETSI 319 401] Clause 6.1 c        | make available as necessary                  |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 10 |                   | [ETSI 319 401] Clause 6.1 d        | High level management authority              |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 11 |                   | [ETSI 319 401] Clause 6.1 e        | Ensure properly implemented                  |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 12 |                   | [ETSI 319 401] Clause 6.1 f        | Review process                               |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 13 |                   | [ETSI 319 401] Clause 6.1 g        | Notice of changes                            |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 14 |                   | [ETSI 319 401] Clause 6.1 h        | Indicate how to terminate the service        |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 15 |                   | [ETSI 319 411-1] Clause 5.2 a      | follow RFC 3647                              |                                       | SHOULD   | y     | y     | y     | y    | y     | y   | y            |              |    |
| 16 |                   | [ETSI 319 411-1] Clause 5.2 b      | identify root and sub CAs                    |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 17 |                   | [ETSI 319 411-1] Clause 5.2 c      | document algorithms and parameters employed  |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 18 |                   | [ETSI 319 411-1] Clause 5.2 d      | publicly disclose the CSP on a 24x7 basis    |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 19 |                   | [ETSI 319 411-1] Clause 5.2 e      | publicly adhere to CABF docs latest versions | PTC: BRG clause 2.2 and EVCG clause 8 | SHALL    | y     | y     |       |      |       |     |              |              |    |
| 20 |                   | [ETSI 319 411-1] Clause 5.2 f      | update CPS adequately                        | PTC: BRG clause 2 and EVCG clause 8.2 | SHALL    | y     | y     |       |      |       |     |              |              |    |
| 21 |                   | [ETSI 319 411-1] Clause 5.2 h      | specify CA signing keys, CRLs and OCSP       |                                       | SHALL    | y     | y     | y     | y    | y     | y   | y            |              |    |
| 22 |                   |                                    |  |                                       |          |       |       |       |      |       |     |              |              |    |

Ready

- Audit based on ETSI standard uses existing International framework for Conformity Assessment
  - ISO 17065 Conformity assessment — Requirements for bodies certifying products, processes and services
  - Accreditation of auditor through national body coordinated through
    - European Cooperation for Accreditation (EA)
    - International Accreditation Forum (IFA)
  - It is required that “certification report” identifies the national body accrediting the auditor
  - ACAB’C Setting up list of Accredited Conformity Assessment Bodies under ETSI standards

- Precise certification reports and supporting documentation
  - Basic Requirements of content in ISO 17065 + ETSI EN 319 403
    - Scope including policy (OV/DV/EV)
    - Requirements fulfilled
    - Source of accreditation of auditor
  - ACAB'C providing template

- All latest standards now fully ratified and published  
Available for free download from:  
<http://www.etsi.org/standards-search>  
EN 319 403: TSP Conformity assessment  
EN 319 411: Policy and security requirements for Trust Service Providers issuing certificates
- eIDAS requires audits to start 1<sup>st</sup> July 2016