

Welcome to the World of Standards



CA/B-Forum Meeting in Ankara

RELATED ETSI STANDARDISATION ON TRUST SERVICE PROVIDERS (TSP)

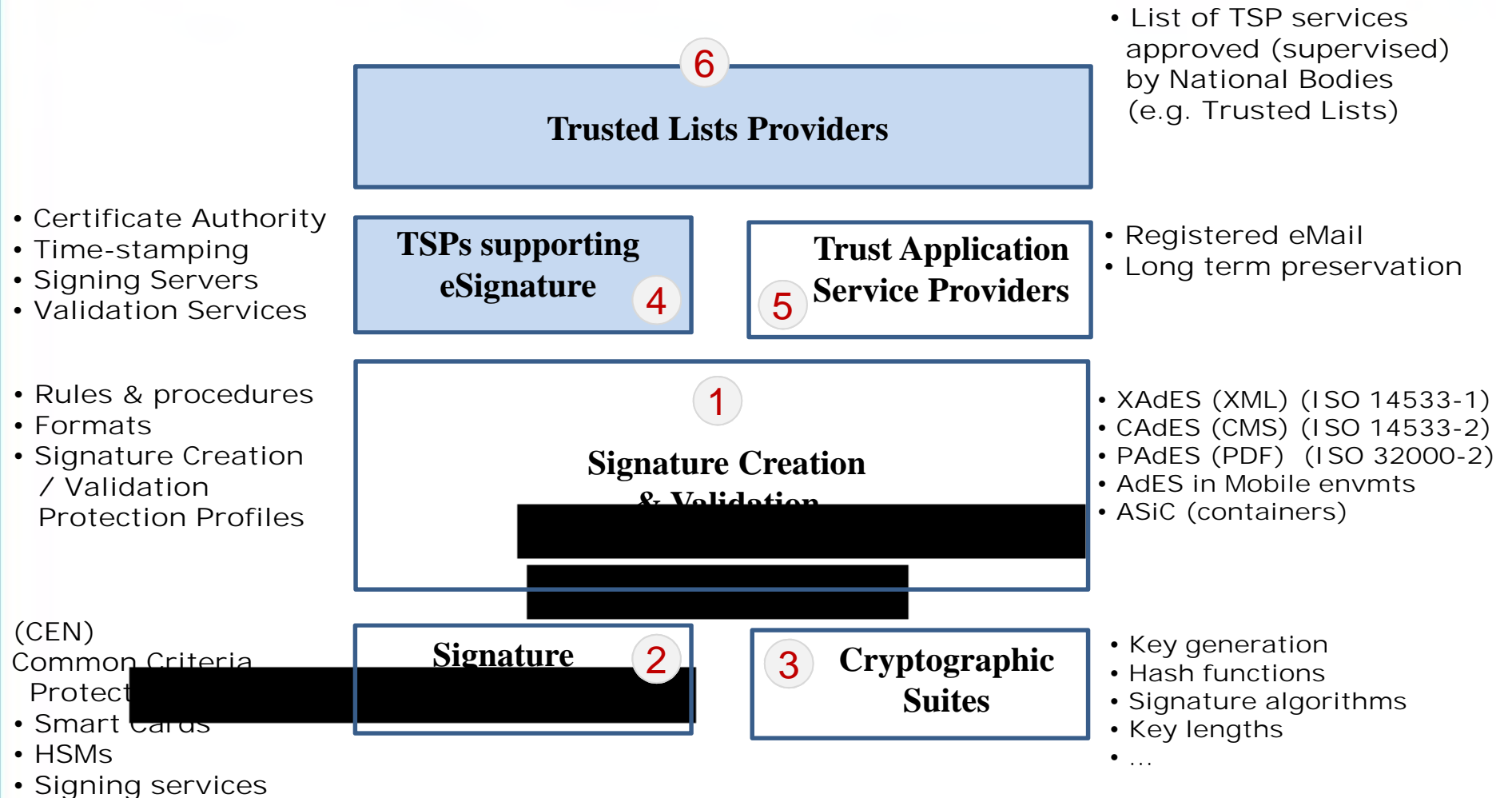
Arno Fiedler ETSI Specialist Task Force 458 (TSP and e-Signature standards)

PKI policy & audit related Activities



- 1999 – EU Directive Published Directive 1999/93 on Electronic Signatures
- 2000-2010 - CEN & ETSI published “Technical Specifications” in support of Directive including:
 - ETSI TS 101 456: Policy requirements for certification authorities issuing qualified certificates
 - ETSI TS 102 042: Policy requirements for certification authorities issuing public key certificates (non qualified)
 - CEN protection profiles (e.g. CWA 14169 – signing device)
- Many (but not all) adopted the ETSI Policy requirements document within varying national supervisory schemes
- 2007-2012 ETSI applied TS 102 042 to CAB Forum ETSI Policy Requirements for Web Certificate
- 2012-2015 Becoming “European Norms” aiming at proposed regulatory framework for “Trust Service Providers”

eSignature Standards Framework





- TS 119 403 to become EN 319 403:
Trust Service Provider Conformity Assessment
 - General requirements for PKI / TSP based audit
 - Auditor capabilities
 - Audit process
 - Audit report

- TS 102 042 to become EN 319 411-3 (general PKI) & -4(web)
 - Requirements
 - information security management [REDACTED]
 - Certificate and Key Management [REDACTED]
 - Registration [REDACTED]
 - Supports CAB Forum Audit Requirements

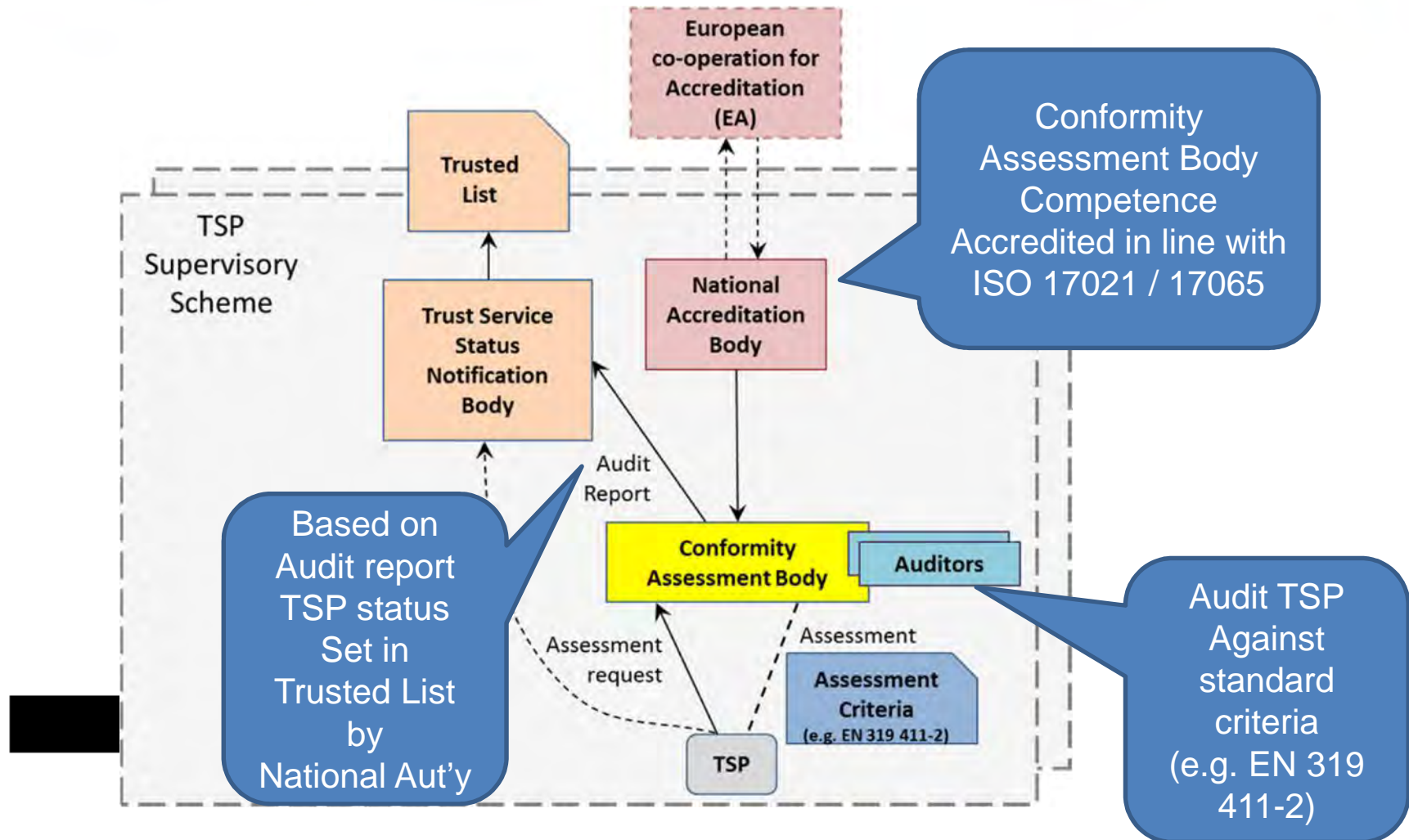


• TS 119 612 Trusted Lists (Targets EU Signatures)

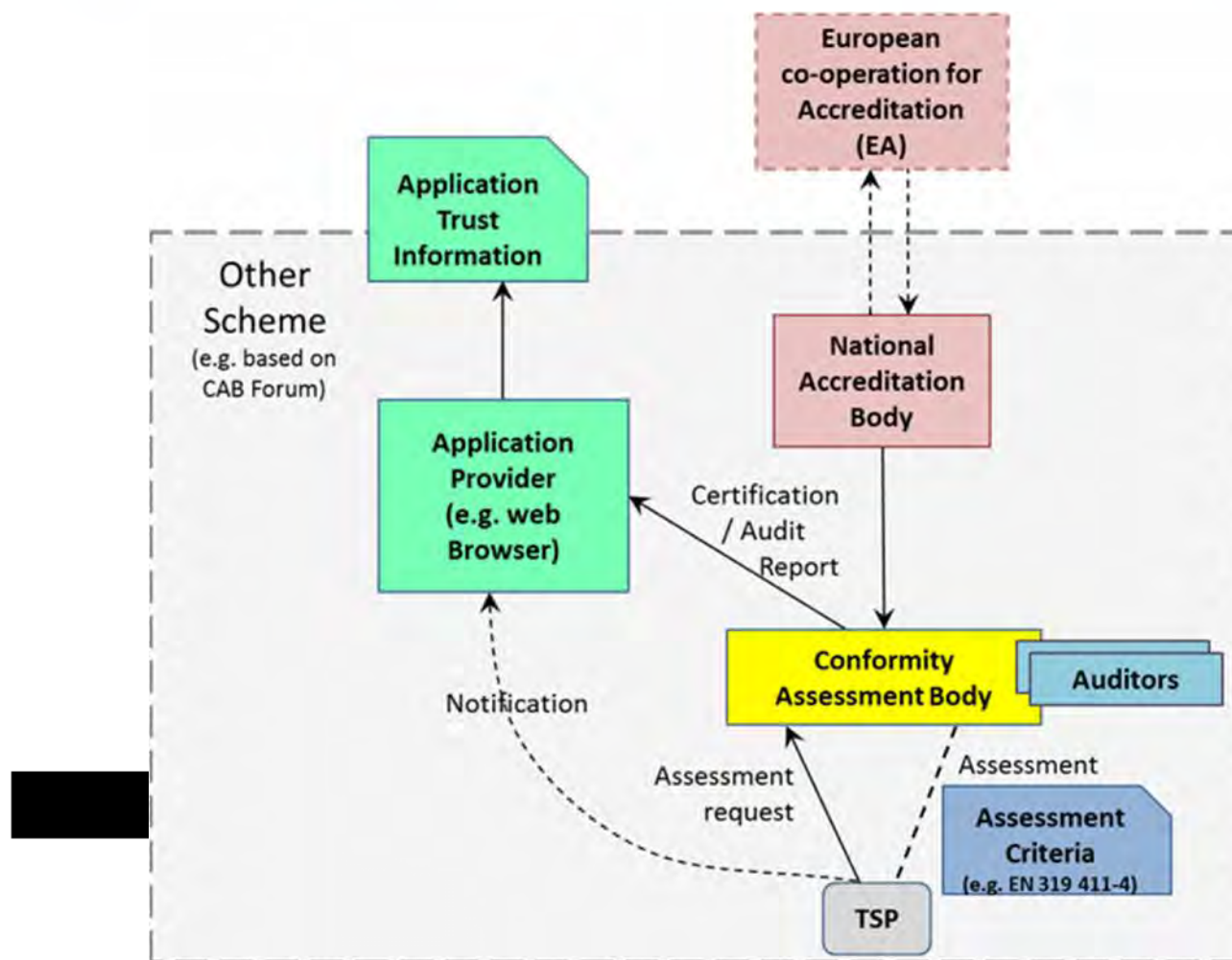
TS 102 231 Trust Status Lists (Generic)

- XML (or PDF) Document Structure for Publishing Information on Trusted Services that have assessed against requirements
- Signed by national authority
- EU Commission Issue list of lists
- Can be processed automatically

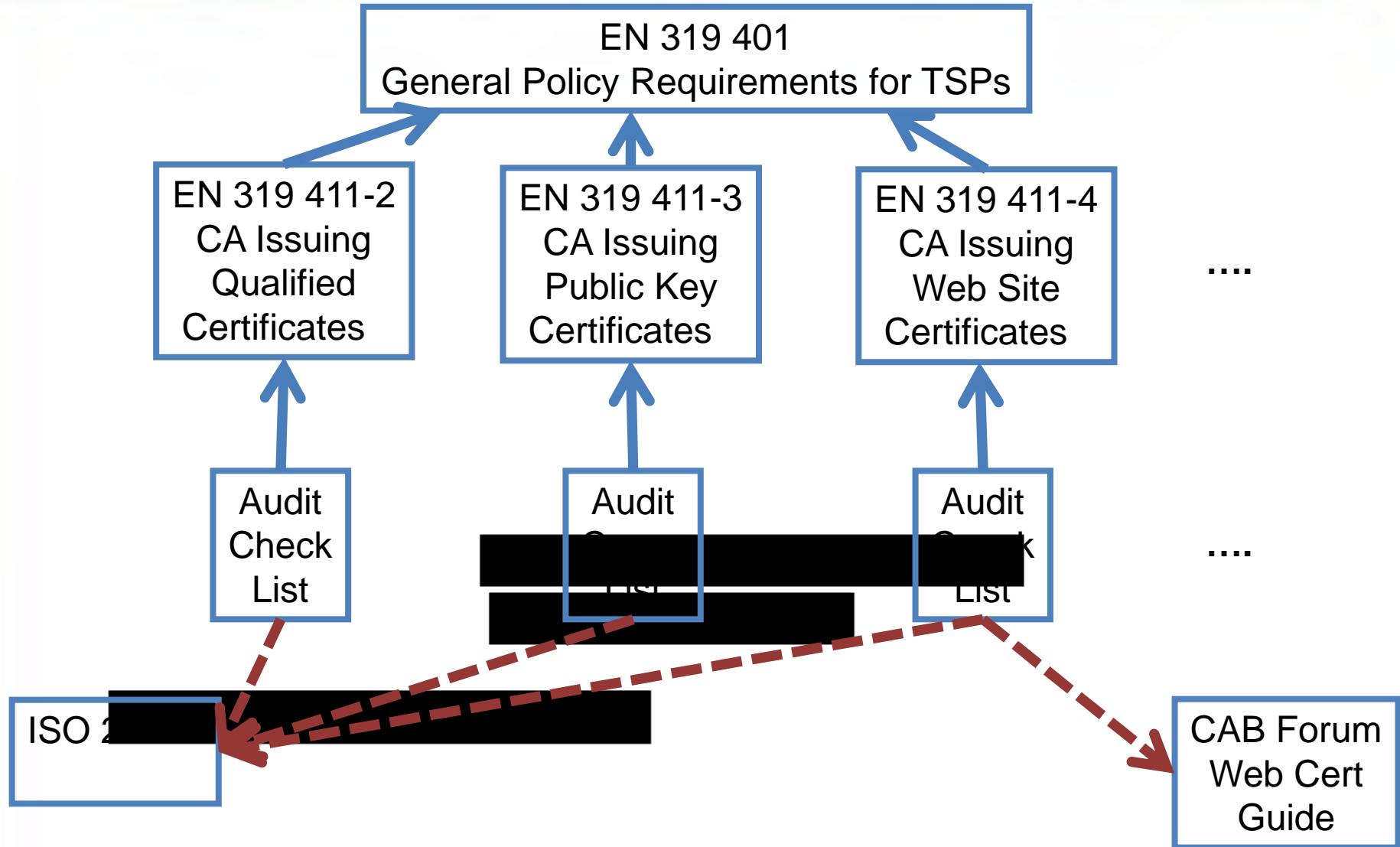
TSP Conformity Assessment Model: Regulatory Adoption



TSP Conformity Assessment : Non-Regulatory Adoption



Policy Requirements Document Structure



- Provides comprehensive framework for PKI Audit against standardised criteria (“policy requirements”)
 - Auditor practices
 - Policy requirements
 - Publication of “trust status” in electronic form
- Already Internationally aligned through CAB Forum
- Based on 10 years experience in EU, North Africa, Japan, ...
- Aimed to become the EU mandated framework for TSPs under proposed EU regulations

[Redacted]

PKI policy & audit related Activities (Iñigo Barreira)



- Profiles (412 docs) are ready for public comments. Part 4 is related to CABF
- Conformity assessments are also ready for public comments. Include Thales approach for CABF assessments
- Policies (411 docs) will be ready for public comment at the end of the year, approx. Part 4 is related to CABF
- Shouldn't be referred to the new regulation till this is approved, hopefully next spring. So, no qualified web server certificates at the moment
- ETSI web site for "ac [REDACTED] still under discussions or workin [REDACTED]
- Regarding Key ceremony, a proposal has been made with the terms you know [REDACTED] the Nov meeting in London
- To be repeated :CABF Network security requirements included in the current TS 102 042

Thank you !



- 🌐 ETSI Download :

<http://pda.etsi.org/pda/queryform.asp>

Enter keyword / title / document number

- 🌐 Draft EU Regulation:

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2012:0238:FIN:EN:PDF>

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