

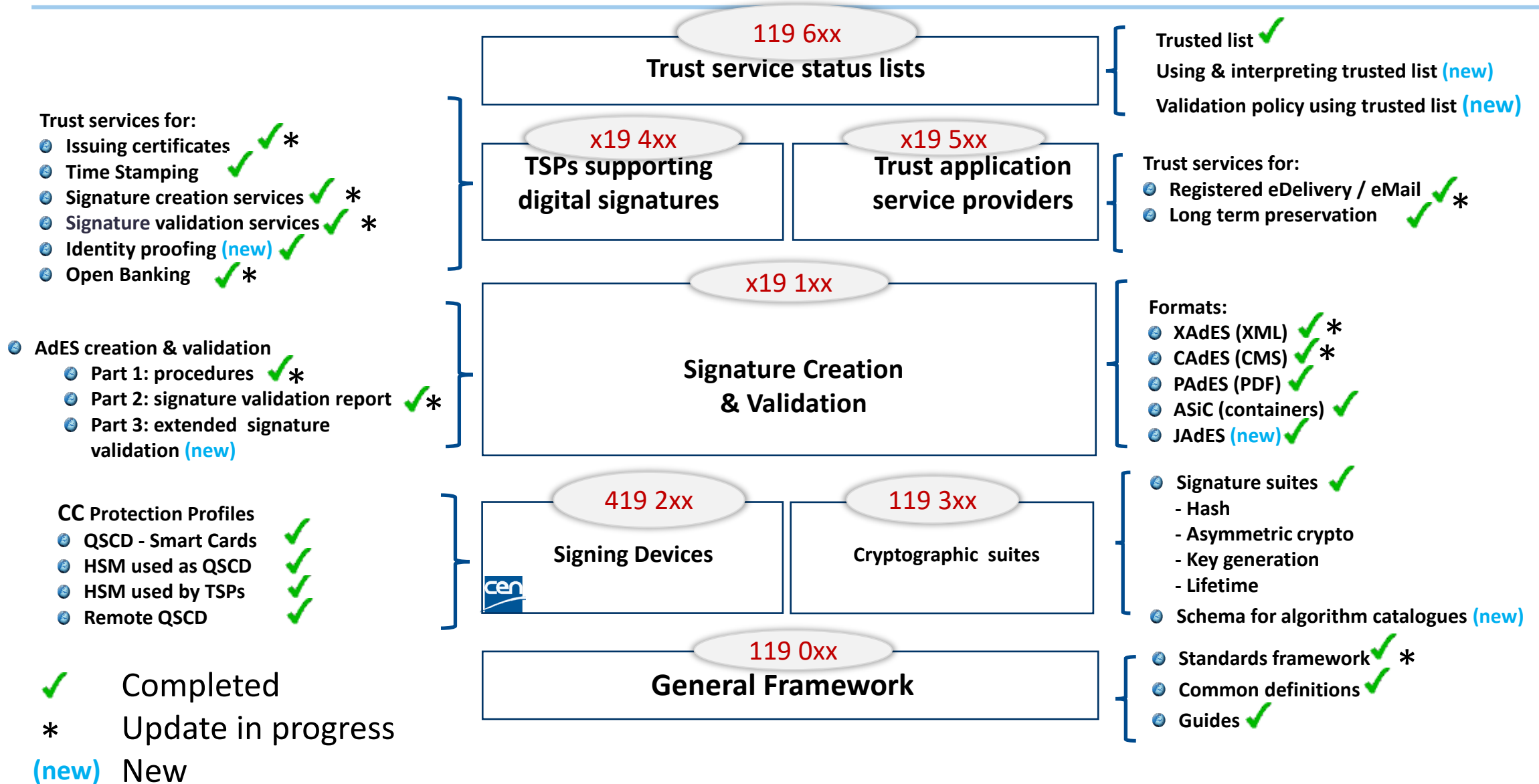
Update on ETSI ESI standardisation related to Publicly Trusted Certificates for CA/B-Forum Berlin Meeting

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Changes since last report highlighted

October 2022

ETSI & CEN Standards supporting eIDAS – the overall picture



Identity Proofing

TS 119 461: Policy and security requirements for trust service components providing identity proofing of trust service subjects

Published : July 2021: <https://www.etsi.org/standards-search#search=TS119461>

Working with other bodies to make this generally applicable

EN 319 401 / 411-1 / 411-2 Policy Requirements further updates

Further changes requests under discussion:

- EN 319 401 – Update to align with new ISO 27002 and NIS2 proposed regulation
 - Started study report into requirements additional measures in EN 319 401
- EN 319 411 – Various detailed updates including alignment with latest CAB Forum documents and recommended use of TS 119 461
- EN 319 412-1 & 2 – Proposals for detailed changes to certificate profiles

EN 319 411-1 Updates

CR#1	HSM certification - Update status of CEN standards, Allows FIPS 2 or 3
CR#2	Revocation request - 'by default' the 24 hours is respected for revocation processing, but allow TSP to specify procedures for handling exceptions
CR#3	Separation of TSP entity to avoid conflict of interest - certificates issued for TSP / RA operations from certificates for entities not identified in relation to the TSP
CR#4	Refer to TS 119 461 for identity proofing
CR#5	Re-validation of entity identity
CR#6 & 7	Keeping up with the Baseline Requirements and EV Guidelines
CR#8	Editorial Typo: OVR-5.1-03A should be 5.2

CRs ratified

CRs under discussion

EN 319 412-x Updates

412-1	
CR#1	Reflect identity proofing method in certificate
412-1	
CR#2	Identification of EU government entities
412-2	
CR#1	Clarification on givenName/surname for more formal representation
412-2	
CR#2	Specifying where to include the local language
412-2	
CR#3	handle the case of natural persons without a given name (or surname)
412-2	
CR#4	Remove pseudonym option for natural person issuer

CRs ratified

CRs under discussion

TR 119 411-5: Guidelines for the coexistence of web browser and EU trust controls

Certificate format:

- ✓ Common certificate format following EN 319 412-4 and CA/B Baseline

Issued:

- ✓ Based on EN 319 411-x and CA/B Forum Baseline policies
- ✓ Browser: Browser root store policy & EN 319 403-1 + TS 119 403-2 Audit
- ✓ EU: EN 319 411-2 policies QNCP-w or QEVCP-w & EN 319 403-1 + TS 119 403-3 Audit

Validated:

- ✓ Browser: against browser root store
- ✓ EU: Trusted lists as in ETSI TS 119 615

Display:

- ✓ EU Trust Mark & EU Identity displayed if passes both Browser and EU validation
- ✓ Browser may continue to display website if just passes Browser validation

EN 319 403 TSP Audit / Conformity Assessment Requirements

- ✔ EN 319 403-1 V2.3.1 (2020-06) : Part 1: Requirements for conformity assessment bodies assessing Trust Service Providers
- ✔ TS 119 403-2 V1.2.4 (2020-11): Part 2: Additional requirements for Conformity Assessment Bodies auditing Trust Service Providers that issue Publicly-Trusted Certificates (as in CA/Browser Forum)
 - ✔ Further updates to Audit Statement requirements to align with Audit Letter Validation (ALV) tool
- ✔ TS 119 403-3 (2019-03): Electronic Signatures and Infrastructures (ESI); Trust Service Provider Conformity Assessment; Part 3: Additional requirements for conformity assessment bodies assessing EU qualified trust service providers

International alignment of ETSI standards

- ETSI standards adopt standards that have been internationally supported wherever possible, this includes alignment of ETSI standards for website authentication certificates with CAB Forum guidelines

- Establish collaboration with:
 - Safe Identity,
 - Asia PKI,
 - Japan Network Security Association,
 - Arab ICT Organisation
 - PKI Consortium
 - OpenID

- Monitoring UNCITRAL “Draft Model Law on the Use and Cross-border Recognition of Identity Management and Trust Services”
<https://documents-dds-ny.un.org/doc/UNDOC/GEN/V22/009/38/PDF/V2200938.pdf?OpenElement>

Further information

Information on available standards and current activities:

<https://portal.etsi.org/TBSiteMap/ESI/ESIActivities.aspx>

ETSI standards: available for free download

<http://www.etsi.org/standards-search>

CEN standards: available through National Standards Organisations

Updates on standardisation:

https://list.etsi.org/scripts/wa.exe?SUBED1=e-signatures_news&A=1



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