Mutual / Global recognition of Trust services

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Challenges
## nonEU Trust services recognition under eIDAS

### Equivalence
- Legal & Regulatory rules
  - ... incl. how they are enforced
- Supervision & auditing
- Technical specifications or best practices
- Trust & mutual recognition representation

### Challenges
- Open minded
- Mutual respect
- Refer to the rules
  - incl. how they are enforced
- Communicate ... & Listen
- Equivalence assessment methodology
- Harmonisation
- Political will
- ... many more

### Facilitators
- ... same as challenges
- Guidances
- ...
nonEU Trust services recognition under eIDAS

**eIDAS 1.0**
(Art.14)
- nonEU TSP/TS must meet eIDAS QTSP/QTS requirements
- Reciprocity
- Trade agreement

**eIDAS 2.0**
(Art.14)
- Trade agreement or **Implementing Act/Decision**
- nonEU TSP/TS must meet eIDAS QTSP/QTS requirements
- Reciprocity

+ Trusted list (MRA cookbook)

**Above 9 QTSs +**
- Provision of Qualified electronic attestations of attributes
- Qualified electronic archiving
- Qualified electronic ledgers
- Qualified service for the management of remote qualified electronic signature/seal creation devices
nonEU Trust services recognition under eIDAS

- EC provides guidance & technical pilot tools to assist 3rd countries
- Assessment on four pillars (Legal, Supervision & auditing, Technical, Trusted List)
- Website on Pilot CEF eSig BB international compatibility
  https://esignature.ec.europa.eu/efda/home/#/screen/international

MRA CookBook

eIDAS Article 14
Assessment Check-List
(4 pillars)

Trusted List support
- MRA element specification (and XML Schema Definition
- MRA element usage
- In EULOTL & Foreign TL

Technical tools
- Test LOTL
- Small test PKI
- Sample signed document
- DSS library based web application to validate signatures/certificates
- Updated TL Browser

→ Many nonEU Countries have already started self-assessment
nonEU Trust services recognition under eIDAS

- Reaching recognition can be a long journey

Note on steps 4 & 5: it is up to Council to decide if/when formal negotiations should be opened for conclusion of a MRA
nonEU Trust services recognition under eIDAS

- **Easier for non qualified trust services?**
  - From wherever they are originated in the World, digital signatures that meet the requirements of **Advanced electronic signatures/seals** should not be denied any legal effect and, when meeting formats in CID (EU) 2015/1506 be recognized by Member State requiring an advanced electronic signature to use an online service offered by, or on behalf of, a public sector body

  → Facilitator: The concept of MRA element in AdES LOTL could facilitate the recognition of foreign AdES based for example on foreign TL enabling validation of foreign QES

- **Website authentication certificates** based on a “two-certificate” or “nonTLS approach” are actually rather common and accessible to end-users (e.g. Trusted Shops, Avisvérifiés.com)

  → Non TLS QWACs (2certs approach)? Feasibility demonstrated by EC demo
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Questions - contact

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