



Certification Authorities in Asia

Special Challenges and concerns

13-June-2019 | Thessaloniki, Greece

Presenter: Vijay Kumar, eMudhra, India

Initial Contributors

- ▶ Atsushi Inaba, Globalsign, Japan
- ▶ Chen Xiaotong, SHECA.com, China
- ▶ Richard Wand, 360 Group, China
- ▶ Tadahiko Ito, SECOM, Japan
- ▶ Vijay Kumar, eMudhra, India
- ▶ Wei Yicai, GDCA, China
- ▶ Xiu Lei, GDCA, China

And looking forward from:

- ▶ DarkMatter, UAE
- ▶ ChungHwa Telecom., Taiwan / Chinese Taipei
- ▶ NCDC, Saudi Arabia
- ▶ And Other Asian CAs

Issues: 1 of 6

1. Some of the CAs use PrintableString, and cannot put Unicode characters.
 1. Awareness on using utf8string for Subject values. PrintableString does not meet O value requirements.
 2. No action required.

Issues: 2 of 6

1. State/Locality name translation from Japanese to English has multiple forms. Tokyo has more than 10 English representation. QGIS has Japanese representation.
 1. CA to maintain standard translation for City and State
 2. OR Is there any official English source like UNLOCODE (an UNECE initiative)
 3. CAB Forum may clarify the approach to be taken.

Issues: 3 of 6

1. Organization name translation concerns
 1. Should CA stick to local language as in QGIS
 2. OR, Is CA allowed to decide on reasonably acceptable translation
 3. CAB Forum may clarify the approach to be taken.

Issues: 4 of 6

1. Ambiguity in translation from Asian Languages to English
 1. Customers demand to give certificates in English language for global audience
 2. OR, CA insists to approve only in English language.
 3. CAB Forum may clarify the approach to be taken.

Issues: 5 of 6

1. Public Suffix List needs more clarity as local governments are forming static domains under PSL (eg: some-state.lg.jp) and then create live domains under them.
 1. CAB Forum may clarify the approach to be taken.

Issues: 6 of 6

1. Disputed Territories country code, which is not part of ISO 3166 specifications.
Eg: Republic of Crimea
 1. CAB Forum may clarify the approach to be taken.

Way forward.

Thanks to Dimitris for proposing this topic, and looking forward that this make necessary reflections to address issues faced by Asian Certifying Authorities.

We expect more contributions on this topic to take better shape in coming forum meetings.



Thank you