EV Enhancements
Discussion Topics

CA/B Forum F2F Meeting
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Thessaloniki, Greece

Why Enhance EV?

- EV standard developed in 2007
- Major updates only recently – Ballot SC17 (PSD2 certs)
- Environment/Ecosystem has changed
- Now is the time to consider extending value for EV certificates and proposing improvements/optional enhancements

1. Define list of approved EV data sources

- Rationale: Insure data sources that are the most reliable are used to validate EV certificates. Some data sources have found to be more reliable than others
- Proposal:
  - Create a whitelist of sources (start with QGIS)
  - Investigate creation of a blacklist of sources
  - Create a method to rapidly add sources as needed
- Next steps: Discuss further in VWG and establish a subset of experts to come up with the aforementioned lists. Improve criteria for acceptable information sources

2. Include trademark/wordmark in certificate

- Rationale: Trademarks/wordmarks are well recognized among consumers/relying parties and could help with website identity

- Unique, familiar, recognizable, distinguishable

- Proposal:
  - CA validates TM/WM via global registries
  - Certificate should include the trademark/wordmark along with the Registration country, entity and Registration number (metadata)
  - Whitelist approved registries in major markets (EU, US, JP, CA, China?)

Include trademark/wordmark in certificate (2)

High level validation process for logos:

- Complete EV validation of Organization

- Applicant sends CA its USPTO logo or wordmark Registration Number and SVG file of logo to include in EV cert

- CA validates:

    1. Confirm logo and/or wordmark is registered to Organization in USPTO online data base, and

    2. Compare USPTO image with SVG file received to confirm they are the same logo.

- CA inserts (1) name of Trademark office with the logo and/or wordmark registration, (2) the Registration Number, and (3) the SVG file in the EV certificate to be available to browsers and applications to display if desired

- Next steps: Receive feedback and work on a definitive proposal

3. Allow LEIs in certificate

- Rationale: LEIs provide additional validated information to enhance EV certificates. Allow standardized data among all CAs.

- Proposal:
  - GLEIF presentation at F2F – better understanding of validation
  - Investigate GLEIF validation loads

- Next steps: Receive feedback and work on a definitive proposal

4. Add CAA checks/Respect CAA for cert type

- Rationale: Cert users who rely on EV as part of a security policy can enforce an "EV only" requirement via CAA

- Proposal:
  - Require that the CA check the certificate type in the CAA record or respect a CAA policy regarding validation processes prior to issuing

- Next steps: Receive feedback and work on a definitive proposal

THANK YOU FOR YOUR FEEDBACK

To provide additional comments, please use validation@cabforum.org