EV Guidelines & Certificate request Automation

Topics for discussion

Due diligence and domain validation

Relevant Clauses:

11.13. Final Cross-Correlation and Due Diligence:

The results of the verification processes and procedures outlined in these Guidelines are intended to be viewed both individually and as a group. Thus, **after all of the verification processes and procedures are completed**, the CA MUST have **a person** who is **not responsible for the collection** of information **review all of the information and documentation assembled** in support of the EV Certificate application and look for discrepancies or other details requiring further explanation.

Topics for discussion

- What is the intention of cross-correlation and due diligence (e.g. on domain information)? Should second human review be applicable to automated processes, or only to further reduce the risk of human decisions/errors?
- Is human review required for "automated validation of domain authorization or control" (e.g. 3.2.2.4.7 DNS Change)?

Ideas

- Clarify the expectations of domain authorization or control and any out-of-scope methods
- Consider the aspect of machine processable certificate requests

Enterprise RA delegation of due diligence

Relevant Clauses:

11.13. Final Cross-Correlation and Due Diligence:

In the case of EV Certificates to be issued in compliance with the requirements of Section 14.2, the Enterprise RA MAY perform the requirements of this Final Cross-Correlation and Due Diligence section.

14.2.2. Enterprise RAs

The CA MAY contractually authorize a Subscriber to perform the RA function and authorize the CA to issue additional EV Certificates. In such case, the Subscriber SHALL be considered an Enterprise RA, and the following requirements SHALL apply:

In all cases, the Subscriber MUST be an organization verified by the CA in accordance with these Guidelines;

The CA MUST impose these limitations as a contractual requirement with the Enterprise RA and monitor compliance by the Enterprise RA; and

The Final Cross-Correlation and Due Diligence requirements of Section 11.13 MAY be performed by a single person representing the Enterprise RA.

Topics for discussion

- Does it need to be a human review action? What about machine processable requests?
- Is "a person who is not responsible for the collection" applicable to an Enterprise RA or replaced by the single person statement?
 Why would it need to be a different person?
- What is in scope of delegation for due diligence and final cross-correlation?

Enterprise RA delegation of due diligence

Topics for discussion

- Does it need to be a human review action? What about machine processable requests?
- Is "a person who is not responsible for the collection" applicable to an Enterprise RA or replaced by the single person statement? Why would it need to be a different person?
- What is in scope of delegation for due diligence and final cross-correlation?

Ideas

- Clarify the objectives of due diligence and final cross-correlation in Enterprise RAs
- Consider the role of Certificate Approvers and Digitally signed requests