

Summer 2024 CA/B Forum F2F

Validation Sub-committee

Progress since Spring 2024 F2F

- Draft ballot on CA-assisted DNS validation (led by Michael Slaughter @ ATS) is ready for formal balloting at servercert-wg

Progress since Spring 2024 F2F

- Discussions and feedback on GlobalSign-led improvements to EV Guidelines to clarify that automation of EV certificates is allowed has wrapped up and is ready for formal balloting
 - Needs two endorsers

Progress since Spring 2024 F2F

- Continued discussion of identifying Delegated Third Parties in the context of Domain/IP Address validation
- Examined methods 18 through 20 and method 2
- Will resume discussion on DTP after F2F

Agenda

1. Converting validation-sc to validation-wg
2. Improving requirements surrounding serialNumber attribute in EV certificates

Converting validation-sc to validation-wg

Background

- Since the validation-sc was created, several new working groups have been created
 - SMIME
 - Code Signing
 - Netsec
 - Definitions
- The first covers a new type of certificate
- The latter two cover “cross-cutting concerns” relevant to all working groups

Background

- Each working group maintains one or more documents
- It is common practice to borrow language/requirements from one document to another
 - Why reinvent the wheel?
- More modular requirements
 - BR of BRs

Why validation-sc?

- Domain validation rules shared between servercert and SMIME documents
- Identity validation rules shared between servercert and code signing documents

Validation-wg

- Responsible for development and maintenance of requirements of:
 - Domain validation
 - Identity validation
 - Mailbox address validation?
 - Something else

Potential next steps

- Do it
- Yes, but...
- Terrible idea, what are you thinking?!

Improving requirements surrounding
serialNumber attribute in EV certificates

Background

- Incident where “appropriate language to indicate that the Subject is a Government Entity” was used in the EV serialNumber field instead of a Registration Number
 - https://bugzilla.mozilla.org/show_bug.cgi?id=1891531
- Several commenters (including a Root Program representative) said that the EVG language was not clear and requested an improvement in the language

Proposed ballot

- <https://github.com/CBonnell/servercert/pull/6/files>
- Fix definition of “Registration Number” to apply to Business Entities and Government Entities
- Harmonize sections 3 and 7
- Define order of preference for Government Entity serial numbers
- Clean up Registration Number vs. date of formation language
- Add requirements for Non-Commerical Entities (previously didn't exist)

Potential additional items to tackle

- Mandate a specific date format?
- Mandate specific “appropriate language to indicate the Subject is a Government/Non-Commercial Entity”?
- Future effective date?