

# Common CA Database

Update for CA/Browser Forum F2F 65  
June 10, 2025

01

ccadb.org Updates

- 5 Minutes

02

System Feature Updates

- 5 Minutes

03

Coming Soon!/Reminders

- 5 Minutes

# 1. ccadb.org Updates



**Updated...**

[List of CAA Identifiers](#)



**Updating...**

[CCADB Policy](#)

# 1.1 List of CAA Identifiers

## Goal: Usability

- The updated version of the report offers a simpler mapping between issuing CAs and the set of corresponding CAA record values for which they are permitted to issue against, as disclosed to the CCADB.

## Anyone can:

- View the Subject, Subject Key Identifier, Intermediate Certificate Name, and Recognized CAA Domains for all ICAs in the CCADB.
- The previous report still exists and is marked as [OBSOLETE].

## 1.2 CCADB Policy

### Goals:

- **Clarifying** Root Store Operator expectations for CCADB disclosures.
- **Streamlining** requirements across different root programs to reduce redundancy.
- **Enhancing** the simplicity and readability of the policy.

### Thank you:

- ... to everyone who provided valuable feedback on the proposed updates to the CCADB Policy and the IRGs.

We plan to publish the updated CCADB Policy and IRGs later in June, with an **effective date of July 1, 2025**.

## 2. System Feature Updates



### Updated...

- a. DTB and EV logic
- b. ICA transitive trust
- c. Other ERs

## 2.1a DTB and EV logic

### Goal: **Alignment**

- Add new auto-populated fields for root and intermediate certificates and enhance the logic for determining Derived Trust Bits (DTBs) and EV-enablement to better align the CCADB trust bits and EV enablement with the trust properties conveyed by [crt.sh](#).

### CA Owners can:

- Be better informed of missing audit reports or unintended EV treatment (via updated logic) for their certificates in the CA Task List reports.

### Root Store Operators can:

- Be better informed of the origination of trust bits and EV enablement.

## 2.1b Display ICA Trust Information

### Goal: **Accuracy**

- Improve the automatic determination and communication of Root Store trust status for all intermediate certificate records and certificates sharing the same Subject+SPKI, displaying trust information (e.g., `Trusted` or `Not Trusted`) for each Root Store, while considering program-specific evaluations.

### Anyone can:

- View the intermediate certificate trust status in the AllCertificateRecordsCSVFormatv2 report.



## 2.1c Other ERs

### Goal: Enhanced Useability

- We deprecated `Code` (i.e., code signing) from the Mozilla set of Trust Bits because it is no longer processed by Mozilla.
- We added more EKU OID mappings to the CCADB.
  - ◆ 2.16.840.1.101.3.6.8 = id-PIV-cardAuth
  - ◆ 2.16.840.1.101.3.8.7 = id-fpki-pivi-content-signing
  - ◆ ...
- We added more validation methods available for CA Owner selection (e.g., IP Address Control Validation).

### Root Store Operators can:

- Better reflect trust bits, OID mappings, and validation methods.

## 3. Coming Soon!

### CCADB Update Dashboard

- Add Microsoft Root Inclusion Request Case type
- Mark erroneous root certificates as obsolete in the CCADB
- Database replication

### CCADB Prioritization Process

- Please continue to file CCADB enhancements, bugs, and API access requests.
- Create Enhancement Requests  
([https://bugzilla.mozilla.org/enter\\_bug.cgi?format=guided#h=bugForm%7CNSS%7CCommon+CA+Database](https://bugzilla.mozilla.org/enter_bug.cgi?format=guided#h=bugForm%7CNSS%7CCommon+CA+Database)).
- Comment on backlog items.

### 3. Reminders =)

#### [support@ccadb.org](mailto:support@ccadb.org)

- Continue to utilize for questions/issues regarding a case in the CCADB.
- CCADB Root Store Operators share responsibility in responding to inquiries.

#### [public@ccadb.org](mailto:public@ccadb.org)

- Valuable as a consolidated space where Root Store Operators share management responsibility.
- [Code of conduct](#) - be respectful and kind.