CCADB News - CABF F2F February 2022

For Reference: October 2021 CCADB News

CCADB.org website updates

- Policy tab
  - At the bottom of section 5.1, added information about the date range format that is currently accepted by ALV.
    - ALV supports the following format for specifying audit period date ranges:
      <date><space><splitter><space><date>
      Where splitter must be one of the following:
      to   through   until   and   -   ~
- For Root Stores tab
  - Added link to CCADB Steering Committee document
- For CAs tab
  - New page: Audit Letter Validation (ALV)
  - Field Types and Valid Values
    - In table about the Full CRL fields: Removed "non-TLS" because full CRLs will be required by some root stores for all cert types.
    - Added "Formula Fields" section to explain how the values are determined for fields like "Derived Trust Bits" and "EV SSL Capable"
  - Updating Audit Statements, Data, and Policy Documents
    - Added link to instructions for Information Update Request Cases
    - Moved instructions for Audit Cases into a Google Doc and provided a link to it.

CA Information Update Request (Non-Audit)

Instructions and Screenshots: https://www.ccadb.org/cas/updates
Create an Information Update Request (Non-Audit) Case

We used this new Case type as an opportunity to create a new workflow and user interface that we hope is much easier to use. We plan to also update the Audit and Root Inclusion Cases to use this new workflow and interface.

Future work:
- [1712155 Update Audit Cases to have the new work flow and UI](#)
  - E.g. Add "AUDITS" tab when it is an Audit Case
- [1737866 Update Root Inclusion Cases to have the new work flow and UI](#)
- [1711591 Add CONTACTS tab to CA Information Update Request Case type](#)

CA Task List Updates

Completely revamped the Task Lists on CA home pages.

> Open Cases (Number of records: 0)

> Root Certificates with Outdated Audit Statements (Number of records: 5)

> Intermediate Certificates with Outdated Audit Statements (Number of records: 3)

> Intermediate Certificates with Missing Information (Number of records: 3)

> Intermediate Certificates with Failed ALV Results (Number of records: 8)

> Intermediate Certificates with missing Full CRL (Number of records: 13)

> Contacts who may be obsolete (Number of records: 0)

There is a description of the filter logic at the top of each report.

This report shows all Root Certificates which satisfy all conditions below:

- Root Certificate is Included in participating Root Stores
- Root Certificate is not Expired
- For each audit type check for Audit Period End Date:
  - No color for (Today - Audit Period End date) > 365
  - Highlighted in Green when 365 < (Today - Audit Period End date) < 425
  - Highlighted in Yellow when 425 < (Today - Audit Period End date) < 455
  - Highlighted in Red when (Today - Audit Period End date) > 455

Filter on Root Store | All ▼ |

I will appreciate feedback on these new task list reports.
- We are aware that the "Intermediate Certificates with Failed ALV Results" report is causing confusion because it also lists technically-constrained certificates (has a column indicating that the certificate is technically constrained). We will be looking into this.

Coming Soon: Changing Audit Reminder Email

We are planning to update the email that gets sent to CAs. Currently, there are different emails sent according to logic that was previously set up by Microsoft and Mozilla to remind CAs about updating their audit statements. Rather than continuing to add more email as each root store begins to actively use the CCADB, we are going to change the CCADB to send only one monthly email to CAs rather than continuing to add more emails.

Example email when audit statements are due for a CA:
> Subject: CCADB: Overdue Audit Statements
> <Your CA> has the following items that need to be resolved in the CCADB.
> Please login to the CCADB to see the full list on your home page.
>
> - Root Certificates with Outdated Audit Statements (3)
> - Intermediate Certificates with Outdated Audit Statements (1)
> - Intermediate Certificates with Missing Information (7)
> - Intermediate Certificates with Failed ALV Results (18)
> - Intermediate Certificates with Missing Full CRL (49)
>
> Instructions may be found at www.ccadb.org/cas.
>
> If you need help, contact support@ccadb.org or the appropriate root store email

address that is listed on your CCADB home page.

Regards,
CCADB Team

Example email when their audit statements are not overdue, but other task list reports have items to be resolved:

Subject: CCADB: Items Need Your Attention
<Your CA> has the following items that need to be resolved in the CCADB.
Please login to the CCADB to see the full list on your home page.

- Root Certificates with Outdated Audit Statements (0)
- Intermediate Certificates with Outdated Audit Statements (0)
- Intermediate Certificates with Missing Information (5)
- Intermediate Certificates with Failed ALV Results (0)
- Intermediate Certificates with Missing Full CRL (3)

Instructions may be found at www.ccadb.org/cas.

If you need help, contact support@ccadb.org or the appropriate root store email address that is listed on your CCADB home page.

Regards,
CCADB Team

Automating Microsoft Integration with CCADB

Continuing work to automate this update procedure, so Microsoft's root store manager can click on an "Update CCADB" button from their system whenever Microsoft releases a root store update.

CPA Canada URL Changes

The URLs to the PDF form of WebTrust audit statements hosted by CPA Canada have been changed. Anyone who has stored the previous URLs to the PDF form of WebTrust audit statements on CPA Canada's site will need to update to the new URLs which can be found in the CCADB and in reports published by the CCADB.

Intermediate Certificate Page Updates

Added fields to Intermediate Certificate pages. These fields are updated via an hourly batch process, and are being used for the new task list reports.

- Root Certificate: The root certificate that this intermediate certificate chains up to in the CCADB. Frequently this will be the same as the Parent CA Owner/Certificate.
- CA Owner: The CA Owner record that this intermediate certificate chains up to in the CCADB.
- Status of Root Cert: Root Store inclusion status for the root certificate that this intermediate certificate chains up to in the CCADB.

Status of Root Cert ⓘ Apple: Included; Microsoft: Included; Mozilla: Included

Reminders

- [CCADB Release Notes](#) are available on the CCADB home page.
- Use the specific "CA Program questions" email addressed for questions that are not specifically about the CCADB. The support@ccadb.org email is only read by a handful of people who may not represent the root store for whom the question is intended.
  - certificate-authority-program@apple.com
  - chrome-root-authority-program@google.com
  - ciscopki-public@external.cisco.com
  - msroot@microsoft.com
  - certificates@mozilla.org
- [CCADB Dashboard](https://wiki.mozilla.org/CA/CCADB_Dashboard) (https://wiki.mozilla.org/CA/CCADB_Dashboard) contains tables listing the Bugzilla Bugs for CCADB improvements. There are separate tables for Roadmap Items, Enhancement Requests, and Bugs.
- API available for updating intermediate certificate records: https://github.com/mozilla/CCADB-Tools/tree/master/API_AddUpdateIntermediateCert
  - Contact Kathleen to set up [OAuth](#) for your CA.

- ○ Example: https://github.com/HARICA-official/ccadb-ca-tools
  - ■ Scripts written by Dimitris that use the API to update the 'Full CRL Issued By This CA' field for their intermediate certificate records.
- Salesforce help page about cross-domain cookies