# Common CA Database

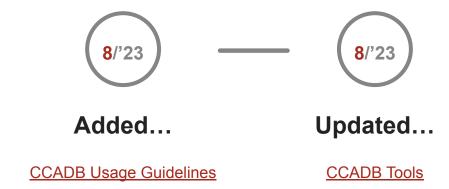
Update for CA/Browser Forum F2F 60 October 3, 2023



01	ccadb.org Updates	• 5 Minutes	
02	System Feature Updates	5 Minutes	
03	Reminders/Coming Soon!	• 5 Minutes	



# 1. ccadb.org Updates





# 1.1 CCADB Usage Guidelines

**Challenge:** Our yearly entitlement policy on Salesforce is based on our average daily-unique-logins, which resets annually on August 5.

→ Salesforce counts one login for each 24-hour period that a user logs in, which is referred to as daily-unique-login.

#### **Goal: Provide Guidance**

- → <a href="https://www.ccadb.org/cas/usage-quidelines">https://www.ccadb.org/cas/usage-quidelines</a>
- → Consume less than 5 daily-unique-logins per month on average i.e., one day per week (There will be certain months in which you need to log in more frequently to update data regarding your CA, which is why we focus on average usage.)



# 1.2 Updated CCADB Tools

#### Challenge: Maintenance of tooling with external dependencies

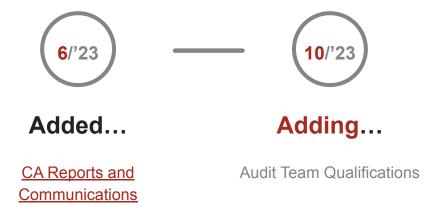
→ PEM Import and EV Readiness tools had a TLS Observatory dependency

#### **Goal: Simplify Maintenance**

- → <a href="https://github.com/mozilla/CCADB-Tools">https://github.com/mozilla/CCADB-Tools</a>
- → No longer dependent on TLS Observatory
- → PEM Import Tool ("Certificate" on GitHub)
  - ◆ Takes a PEM-encoded certificate and outputs JSON containing the parsed certificate and its raw X509 version encoded with base64.
- → EV Readiness Tool ("evReadiness" on GitHub)
  - https://wiki.mozilla.org/PSM:EV\_Testing\_Easy\_Version
  - https://evready-dot-ccadb-231121.uc.r.appspot.com/evready



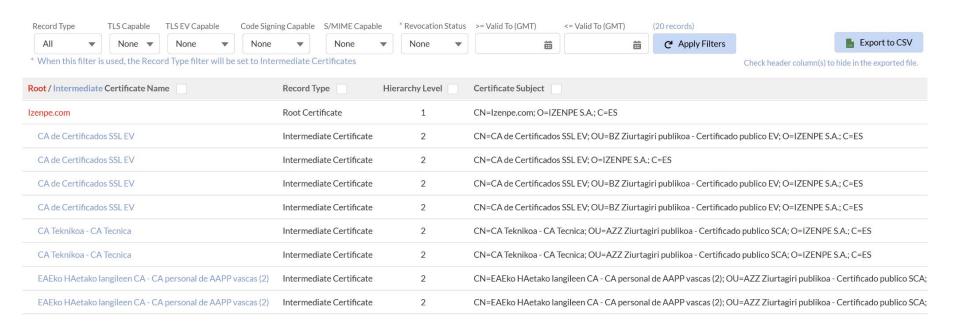
# 2. System Feature Updates





# 2.1 CA Reports

# CCADB updated to provide new "My CA" functions > CA Reports Filter and Export Data for Audits and Self-Assessments





#### 2.1 CA Communications

CCADB updated to provide new "My CA" functions > Communications > Email





#### 2.2 Audit Team Qualifications

#### Challenge: Qualification attributes of Audit Teams are

- → Included in the ETSI AAL
- → Separate from the WebTrust Assurance Report
- → Only defined in the Mozilla Root Store Policy today (but desired by other Root Store programs)
- → Stored in multiple locations and tracked manually by Root Store Operators

#### **Goal: Simplify & Consolidate**

- → Consolidate desired Audit Team Qualification attributes into a single policy (CCADB Policy)
- → All Audit Team Qualifications stored within the CCADB
- → Allow CA Owners to **easily** attach Audit Team Qualifications within the AUDITS tab



#### 2.2 Audit Team Qualifications

#### **CA Owners can:**

→ Upload an Audit Team Qualifications document

#### **Root Store Operators can:**

→ Confirm Audit Team Qualifications within the same CCADB Case and keep all documentation within the CCADB

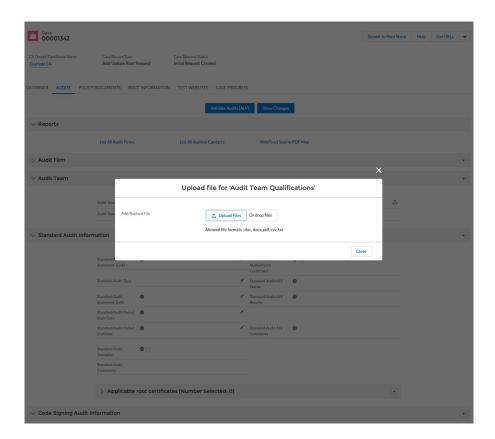


# 2.2 Audit Team Qualifications - File Upload

Case 00001342		Submit to Root St	tore Help Get URLs 🔻
CA Owner/Certificate Name Case Record Type Case Request Example CA Add/Update Root Request Initial Reques			
CAOWNER AUDITS POLICY DOCUMENTS ROOT INFORMATION TEST WEB	ITES CASE PROGRESS		
	Validate Audits [ALV] Show Changes	i	
∨ Reports			
List All Audit Firms List All Au	litor Contacts WebTrust Seal to	PDF Map	
> Audit Firm			¥
∨ Audit Team			v
Audit Team Qualifications:   Audit Team Qualifications Confirmed		0	
∨ Standard Audit Information			v
Standard Audit Statement (Link)	Standard Audit Authenticity Confirmed	0	
Standard Audit Type	Standard Audit ALV Status	0	
Standard Audit Statement Date	Standard Audit ALV Results	0	
Standard Audit Period  Start Date			
Standard Audit Period  End Date	Standard Audit ALV Comments	0	
Standard Audit Deviation			
Standard Audit Comments			
> Applicable root certificates (Number	r Selected: 0)	v	

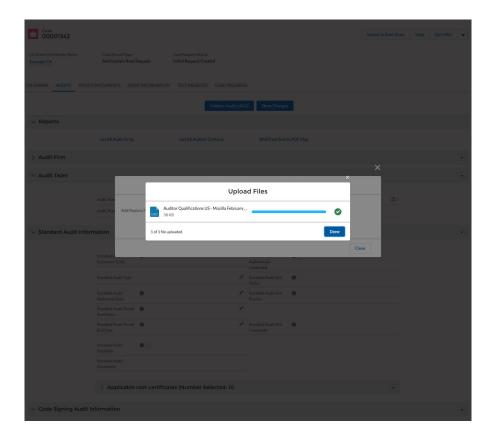


# 2.2 Audit Team Qualifications - File Upload



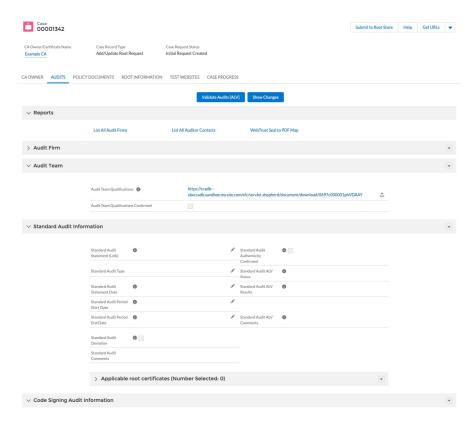


# 2.2 Audit Team Qualifications - File Upload





# 2.2 Audit Team Qualifications





# 3. Coming Soon!

- → CCADB Update Dashboard
  - Please continue to file CCADB enhancements, bugs, and API access requests
- → CCADB Prioritization Process
  - Create Enhancement Requests (<a href="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</a>)
  - Comment on backlog items
- → S/MIME BR Audit Reporting
- → New Incident Reporting Format
  - ◆ Can expect to see CCADB Root Store Operators sharing rotational incident report duties



# 3.1 New Incident Reporting Format

- 1. **Summary**: a short description of the nature of the issue
- 2. **Impact**: a short description of the size and nature of the incident
- 3. **Timeline**: detailed timeline of all events and actions leading up to and taken during and after the incident
- 4. Root Cause Analysis: detailed analysis of conditions giving rise to the issue
- 5. **Lessons Learned**: what went well, what didn't, and where you got lucky
- 6. **Action Items**: *Preventative, Mitigating,* and *Detection* actions and dates
- 7. **Appendix**: certificate data, log files, graphs and charts, etc.

```
Incident Report Template

## Incident Report

### Summary

### Impact

### Timeline
```



# 3.2 Reminders =)

- 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
  - Valuable as a consolidated space where Root Store Operators share management responsibility
  - Code of conduct be respectful and kind