**Microsoft**

# Microsoft Trusted Root Program Update

CA/Browser Forum
Face to Face Meeting 57
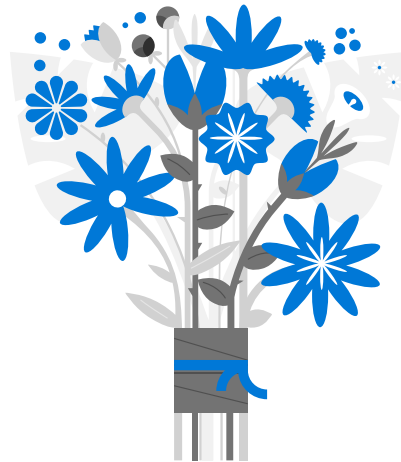October 25-27, 2022

# Agenda

- TRP 2022 Goals

- Program Requirements Updates

- Malware Monitoring Initiative

- Chrome Root Program Updates

- Communications reminder

# Root Program Goals for 2022

Bettering all our processes to make things better for all!

# Program Requirements Updates

- Investigating benefit/impact of making OCSP for TLS optional
- Investigating policy that all revoked certificates must have revocation reason code provided for revocations
- All CAs need to have group email alias. We have 18 CAs that don't.

# Microsoft Edge - Root store update

- Delivering a dedicated root store for Edge browser.
  - All active TLS enabled roots enabled in Microsoft Trust Program.

- Updating policies regarding EV Policy OID
  - Requiring the CABF EV OID (2.23.140.1.1) + one optional CA defined EV OID on all EV audited TLS roots.

- Will be engaging CAs who...
  - Do not have the CABF EV OID applied
  - Have more than 2 EV OIDs associated with their root (minus EV CS OID).

# Malware Monitoring

- We are starting initiatives around monitoring signed malware and working on **creating a telemetry pipeline** to identify signed malware
  - Once malicious signed code is identified, CAs will be asked to investigate specific certificates

# Testing

- Root Store Certificate Trust List (CTL) updated monthly (except December)
  - Update packages will be available for download and testing at https://aka.ms/CTLDownload - Please confirm testing when asked!
- If your CA has changes in a release, you will be notified about testing once the test changes are live. We ask that you test the changes **within 5 business days of notice** and confirm that certificates are working or not working as expected.
- Instructions on how to test can be found on our page here: https://docs.microsoft.com/en-us/security/trusted-root/testing

# Program Communications Reminders

- [msroot@microsoft.com](mailto:msroot@microsoft.com) should be used for communications to ensure timely response. Emailing any other aliases may result in the email being missed.

- Program requirements can be found on Microsoft Docs at: [https://aka.ms/RootCert](https://aka.ms/RootCert)

- Program audit requirements can be found on Microsoft Docs at: [https://aka.ms/auditreqs](https://aka.ms/auditreqs)

- Please test changes and confirm within 3 days when we ask

# Appendix

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