Chrome Browser Update

CA/Browser Forum F2F 50
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chrome

Certificate Lifetimes

- Technical restriction for publicly-trusted certificates
  - Issued on-or-after 2020-09-01
  - Validity MUST NOT be > 398 days
  - Validity SHOULD NOT be > 397 days
  - Same restrictions as Apple (HT211025)
- Issuance of >398 day leaf certificates from a publicly-trusted root will be a root program violation
  - Technical restrictions alone don't sufficiently address our ecosystem concerns with agility
  - Aligns with Apple's treatment
- Chrome will be sending out a CA Communications to this effect
- Next Steps: Reduction in reuse of domain validation data

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Certificate Transparency

We sent an important announcement about changes to the remainder of Google's non-sharded CT Logs (Skydiver, Pilot, Rocketeer, Icarus).

We are currently working on adding SCT Auditing to Chrome:

- Opt-in based on user permission
- Sample a small subset of SCTs and certificates
- Reports shared with Google via Safe Browsing reporting channel

Please follow ct-policy@chromium.org for important announcements.

chrome

Chrome 84

With Chrome 84, we're moving forward on several features we've discussed at previous F2Fs:

- TLS 1.0/1.1 deprecation
- Blocking http:// downloads from https:// pages (blog post)
- Same-provider DNS-over-HTTPS upgrade

Chrome 84 Beta Blog Post:
https://blog.chromium.org/2020/05/chrome-84-beta-web-otp-web-animations.html

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