

Apple Program Updates

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Certificate Transparency

Extended Validation

Symantec distrust

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CT Validation Enforcement

Enforcement late 2018

TLS server authentication

Descended from roots in our trust store

Issued after October 15, 2018

<https://support.apple.com/en-us/HT205280>

CT Validation Policy

≥ 2 SCTs from once or currently approved CT logs and either

- ≥ 2 SCTs from currently approved CT logs with one presented SCT
- ≥ 1 embedded SCT from a currently approved log and # SCTs from once or currently approved logs by lifetime:

Lifetime	SCTs
<15 months	2
≥ 15 months, ≤ 27 months	3
> 27 months, ≤ 39 months	4
> 39 months	5

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NEW

Certificate Transparency

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Symantec Distrust

Phase 1 currently in seed/beta builds

- Distrust Symantec-issued TLS server auth certs
- Issued before June 1, 2016 and after December 1, 2017
- CT Validation required

Phase 1 for recently released builds in Summer 2018

Phase 2 coming

<https://support.apple.com/kb/HT208860>

Summary

CT Enforcement later this year

Changed EV UI in Safari

Symantec distrust coming soon

Questions?