

Apple Program Updates

Clint Wilson, Root Program

Root Program

Certificate Transparency

Extended Validation

Certificate Lifetimes

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Certificate Lifetimes

Apple Root Program

Clint Wilson - Introduction

CCADB usage plans

Program priorities

Root Program

Certificate Transparency

Extended Validation

Certificate Lifetimes

CT Log Program

Policy stability +1

Lifecycle operations

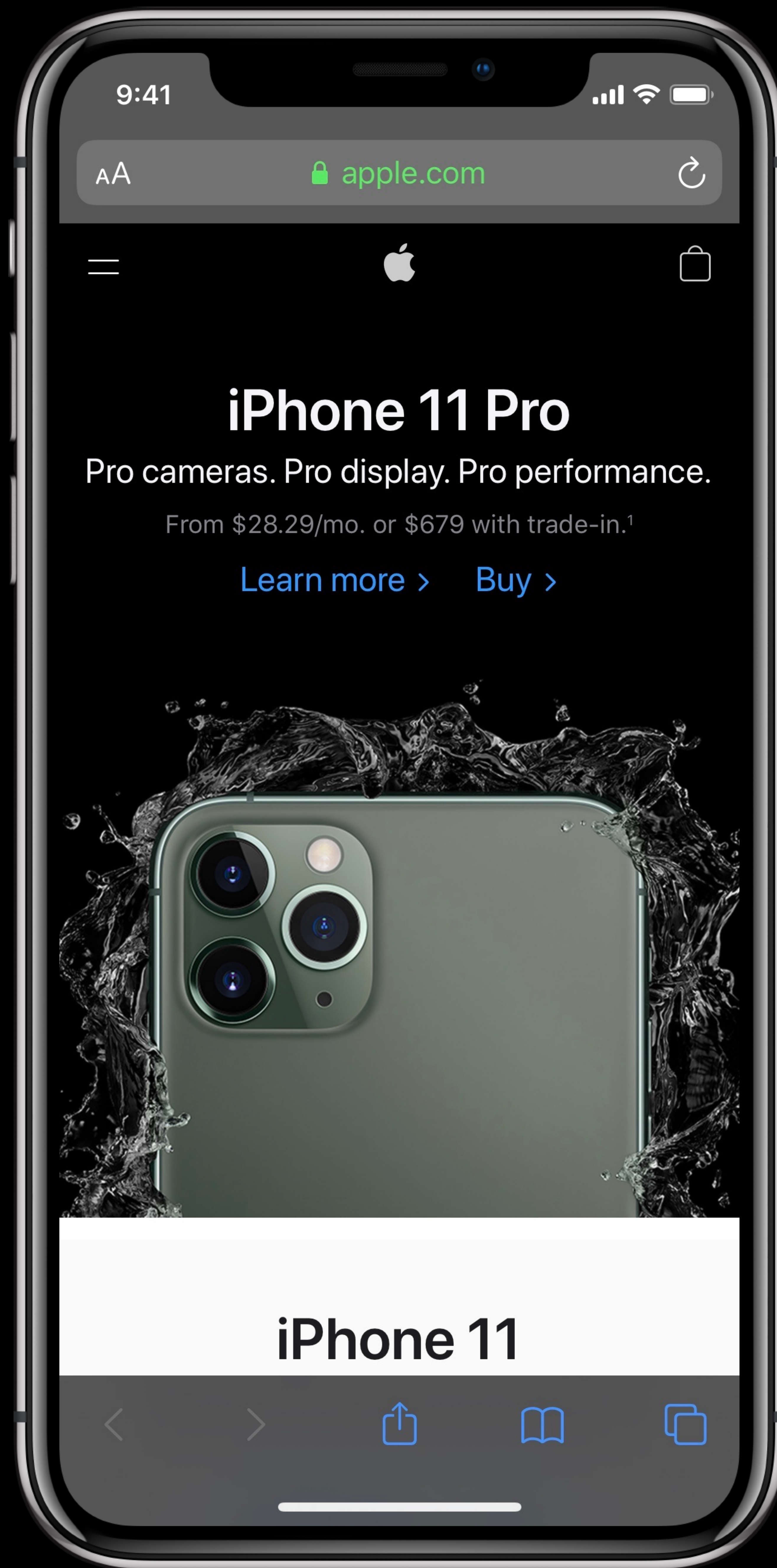
Log operators

Root Program

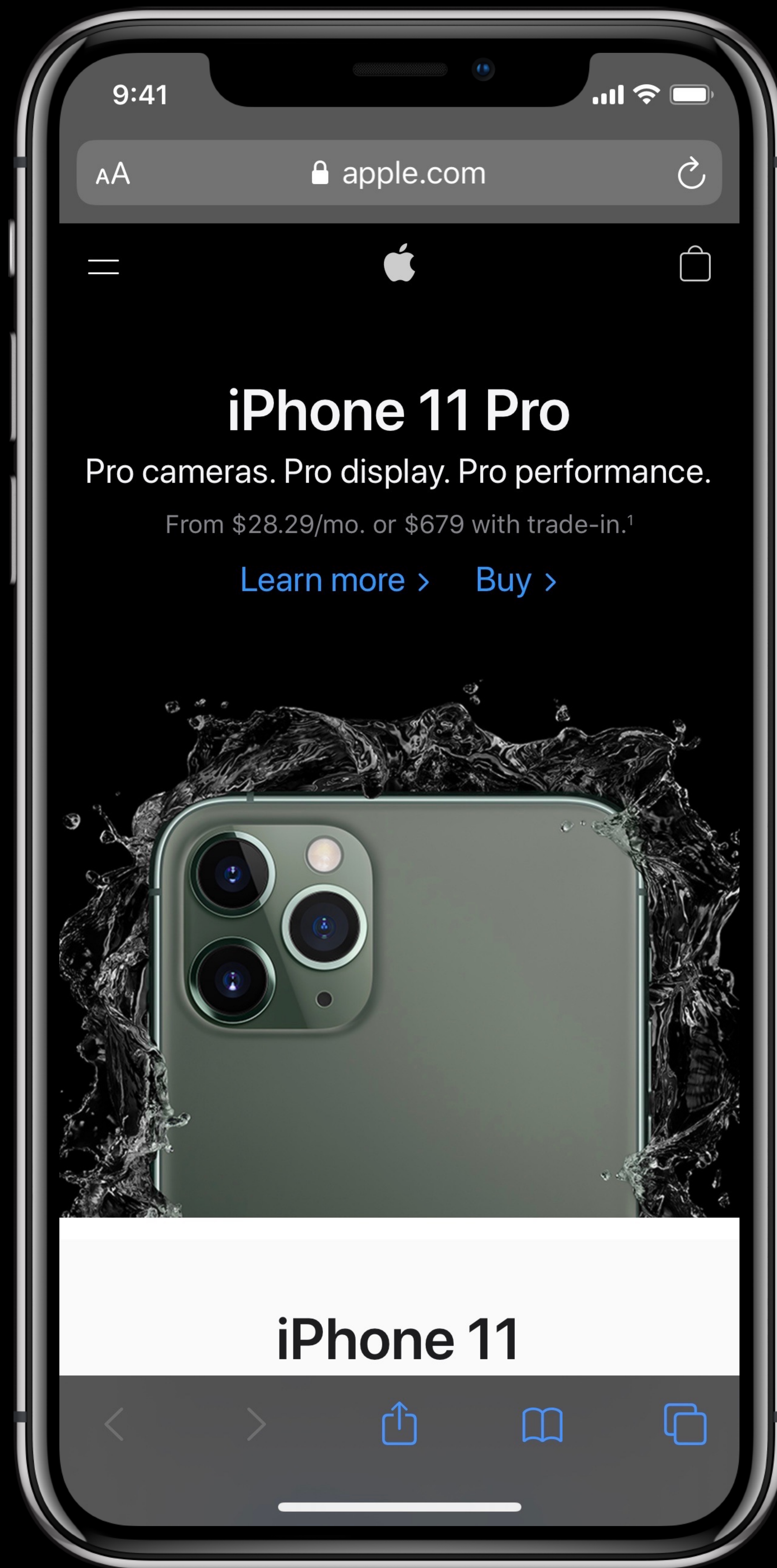
Certificate Transparency

Extended Validation

Certificate Lifetimes




NOW



NEXT


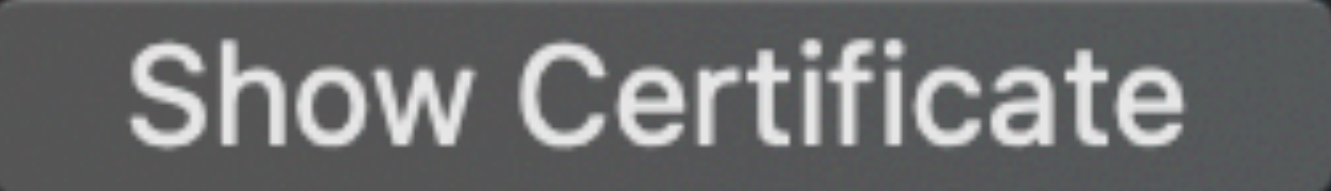
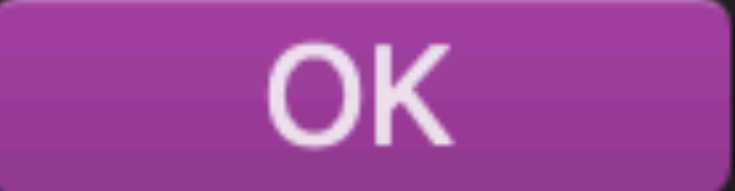
SAME




Safari is using an encrypted connection to www.apple.com.

Encryption with a digital certificate keeps information private as it's sent to or from the https website www.apple.com.




DigiCert Inc has identified www.apple.com as being owned by Apple Inc. in Cupertino, California, US.



Safari is using an encrypted connection to example.com.

Encryption with a digital certificate keeps information private as it's sent to or from the https website example.com.

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Reduced Certificate Lifetimes

185 -> SC22 ->

398 days; public TLS only

Effective date: September 1, 2020

Enforcement date: Late 2020

KB article availability

Summary

Apple Root Program

CT lifecycle

Updated EV UI

398-day TLS certificates

Questions?