## App Revocation Checking

Why is this still so hard?

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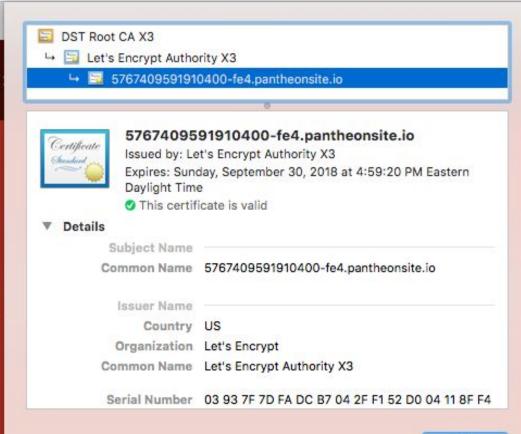
HotSec '18

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ACTIVITIE

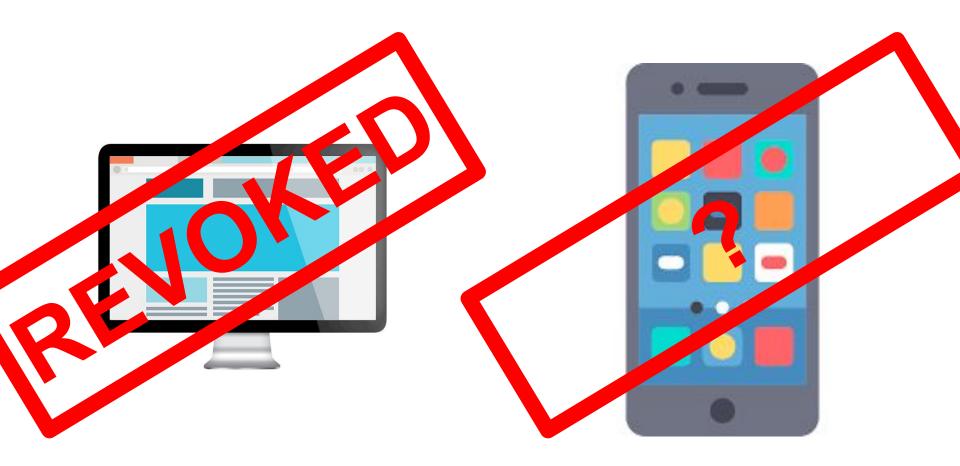
2018 USENIX Sul

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OK.

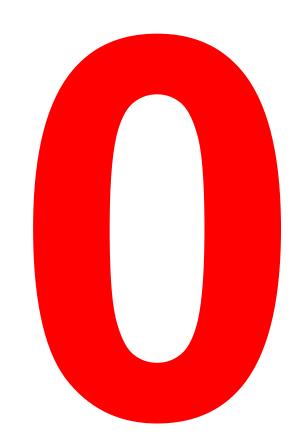
















Google's senior staff software engineer's take: <a href="https://www.imperialviolet.org/2014/04/19/revchecking.html">https://www.imperialviolet.org/2014/04/19/revchecking.html</a>

## Android's TrustManagerImpl:

```
try {
PKIXParameters params = new PKIXParameters(trustAnd
params.setRevocationEnabled(false);
params.addCertPathChecker(new ExtendedKeyUsagePKIXC)
```

"The details... of the revocation checking policy are deliberately not documented because they are subject to change."

- Still fails soft at least up to iOS 10.3



See <a href="https://forums.developer.apple.com/thread/24298">https://forums.developer.apple.com/thread/24298</a>









## No Shame

