App Revocation Checking

Why is this still so hard?

Kevin Bock • Dave Levin • Jingjing Ren • Dave Choffnes • Alan Mislove
400+ Unique Apps
5177 .pcaps, 6283 .dumps

252,603 captured certificates
# Revocations

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Google’s senior staff software engineer’s take:
https://www.imperialviolet.org/2014/04/19/revchecking.html
Android’s TrustManagerImpl:

```java
try {
    PKIXParameters params = new PKIXParameters(trustAnchor);
    params.setRevocationEnabled(false);
    params.addCertPathChecker(new ExtendedKeyUsagePKIXChecker());
}
```
“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 https://forums.developer.apple.com/thread/24298
See [https://github.com/square/okhttp/issues/2348](https://github.com/square/okhttp/issues/2348)
No Shame