



Executive Overview NYU-Poly & Mobile Security

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CSAW 2012



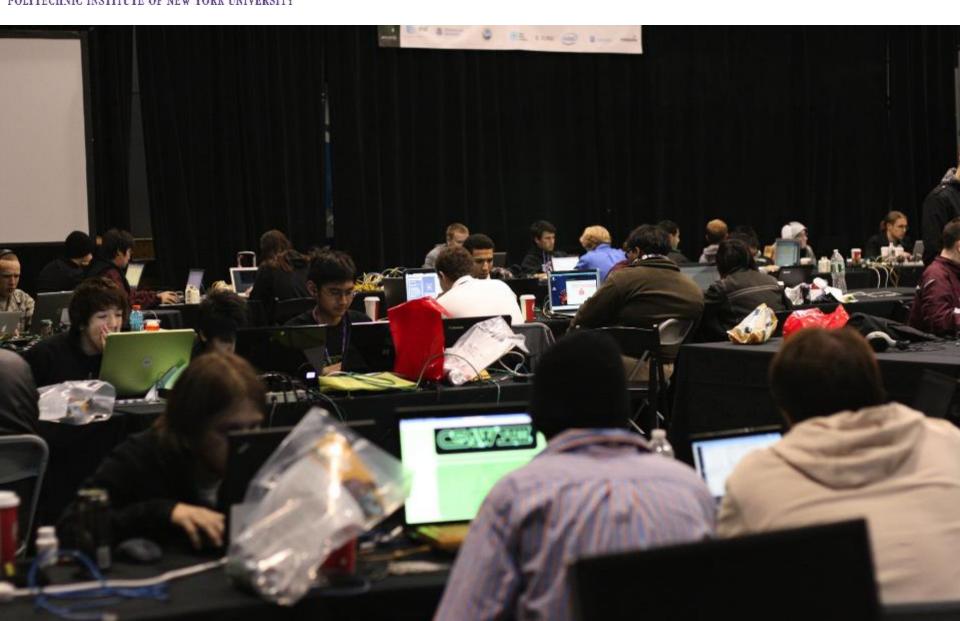
Who am 1?



@dguido

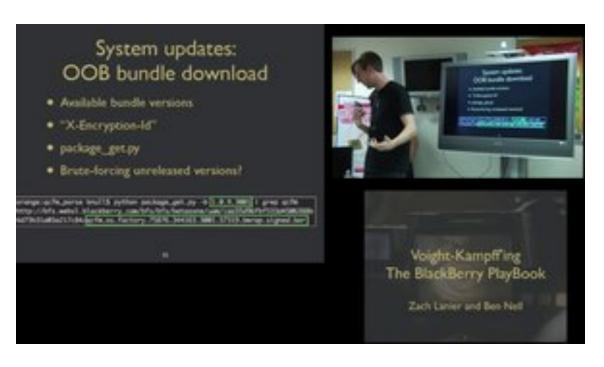


CSAW





Academics



- Hack Night
- AppSec/PenTest
- Mobile Dev

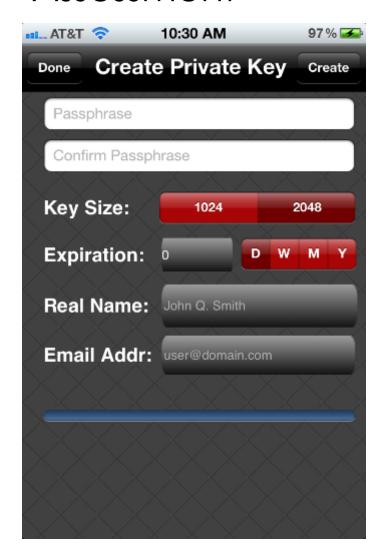


Academics



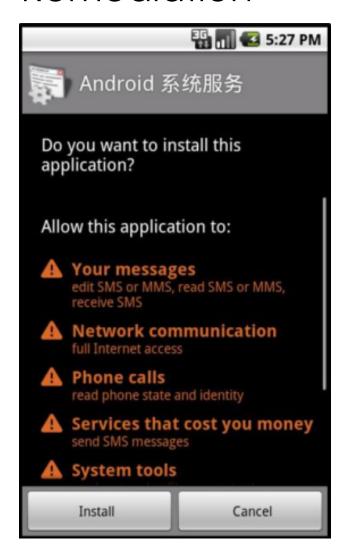


Assessment



Security Research

Remediation







- Connect with Industry
- Pragmatic & Practical
- Latest Discoveries

Broadened Exposure



iOS Jailbreak Analysis



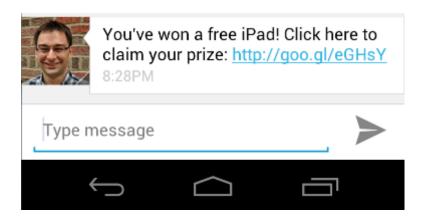
- Attacker Strategy
- Possible vs Actual

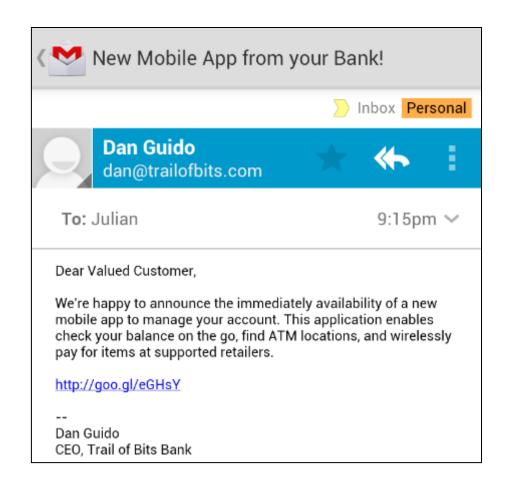
Optimized Defense



Mobile EIP







When good jailbreaks, go bad

Probing Operator Networks







Probing Operator Networks

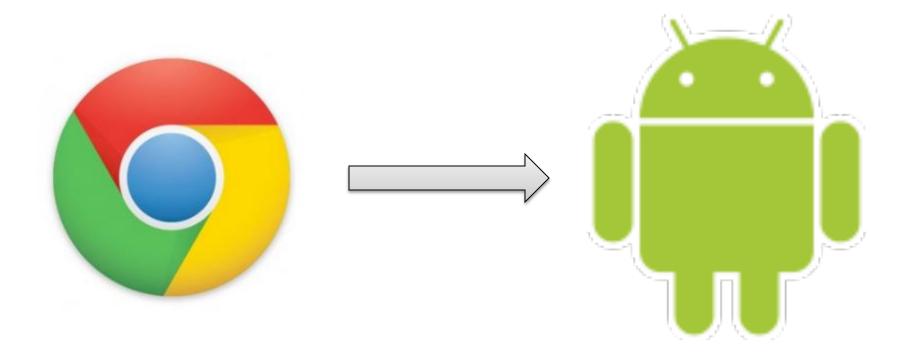




A Tale of Mobile Threats

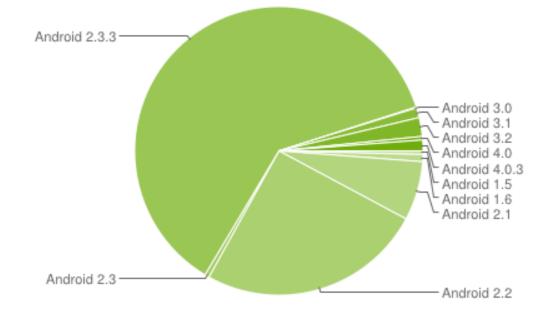


Native Client



X-Ray





Closing Thoughts

"Mobile" doesn't mean "smaller desktop"

- At the application-level, malware will be a bigger problem than exploitation (for now)
- Mobile is here and we might not be ready
 - When is the last time you integrity checked your baseband?