Android Malware Analysis Lab

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Objective

Show how to configure a malware analysis lab for Android using a virtual machine, that could be deployed over QEMU or VirtualBox. The tool Burp Suite to establish a proxy as a certified authority and Frida to do pentesting.



Setting up the lab

Virtualizing Android



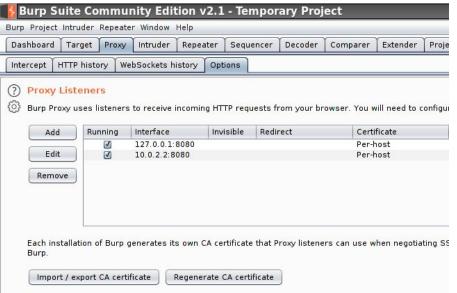




Proxy Network









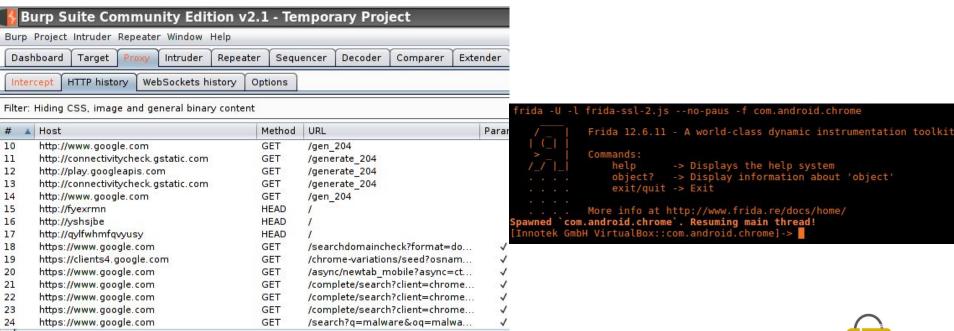
Pentesting

FAIDA (E)





Testing com.android.chrome





Conclusions and further work

- QEMU vs VirtualBox
- Burp Suite only as proxy network (Squid)
- Test with actual malware



Thank you! Questions?