

# Android Pen Testing Environment Setup ∞

CHEAT-SHEET 02 Jun 2021 Arr0way



covers setup of GenyMotion with

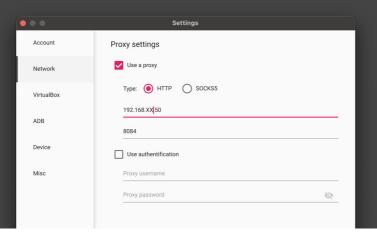
### **Table of Contents**

# Install GenyMotion

# Setup Burp Proxy with GenyMotion

If you are using DHCP you may want to statically assign an address, as the IP randomly changing requires this process to be completed again (which can

# 1. GenyMotion Burp Proxy Settings



### **CHEAT SHEETS**

### WALKTHROUGHS

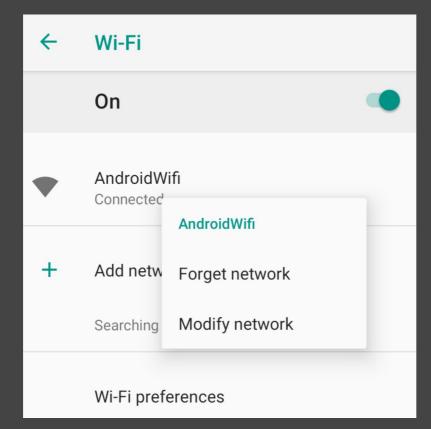
### **TECHNIQUES**

### SECURITY HARDENING

### /DEV/URANDOM

# 2. Android 8.1 Proxy Settings

- 1. Swipe down the top and select Settings
- Tap Network & Internet > Wi-Fi > Long Tap on the connected Wi-Fi network and Select Modify Network
- Tap Advanced > Proxy > Manual and enter the same Proxy settings you entered in step 1



# 3. Android Burp Certificate Installation

- Go to your web browser and download the certificate file from http://burp
- 2 Rename it to cer
- 3. Drag it into the running GenyMotion phone (this will place the file at /sd-card/)
- 4. On the phone go to Settings > Security & Location > Encryption & Location > Install from SD card (Install certificates from SD card)
- 5. Click Downloads on the left and select the .cer file
- 6. Install the certificate and call it Burp

# Name the certificate Certificate name: Burp Credential use:

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### OTHER BLOG

Insecure Direct Object
Reference (IDOR):
Definition, Examples &
How to Find
Encrypted Notes App
Solution (iOS, Android,
MacOS, Linux, Windows)
HowTo: Kali Linux
Chromium Install for
Web App Pen Testing
Jenkins RCE via
Unauthenticated API
MacBook - Post Install
Config + Apps
enum4linux Cheat Sheet
Linux Local Enumeration
Script
HowTo Install Quassel
on Ubuntu
HowTo Install KeepNote

The package contains: one CA certificate

CANCEL OK

# Install from SD card

Install certificates from SD card

1. You will need to set a pin code, set one

# 4. Burp Proxy Settings

Add a Burp proxy on the interface with the IP and port used at step 1

### 5. ADB

- 1 Install brew
- 2. brew install android-platform-tools
- 3. adb devices

List of devices attached
192.168.XX.XXX:5555 device

1 adh shell

vbox86p:/ # ls

Your id should be root on GenyMotion.

# 6. Installing APK Files

There are two options for installing APK files, using adb or dragging and dropping.

Using ADB:

adb install file.apk

Or drag and drop the apk file into the running GenyMotion Android device.

### 7. ADB Basic Commands

Installed Android application location:

cd /data/data

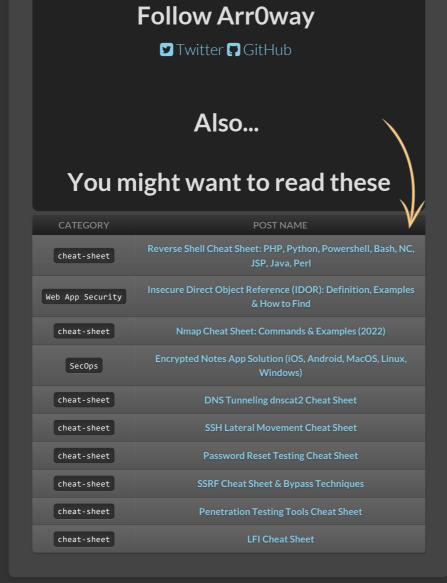
# 8. Open GApps

If you are assessing an application from the Play Store then you can instal open gapps in GenyMotion by clickin on the icon on the right hand menu.

Enjoy.

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