

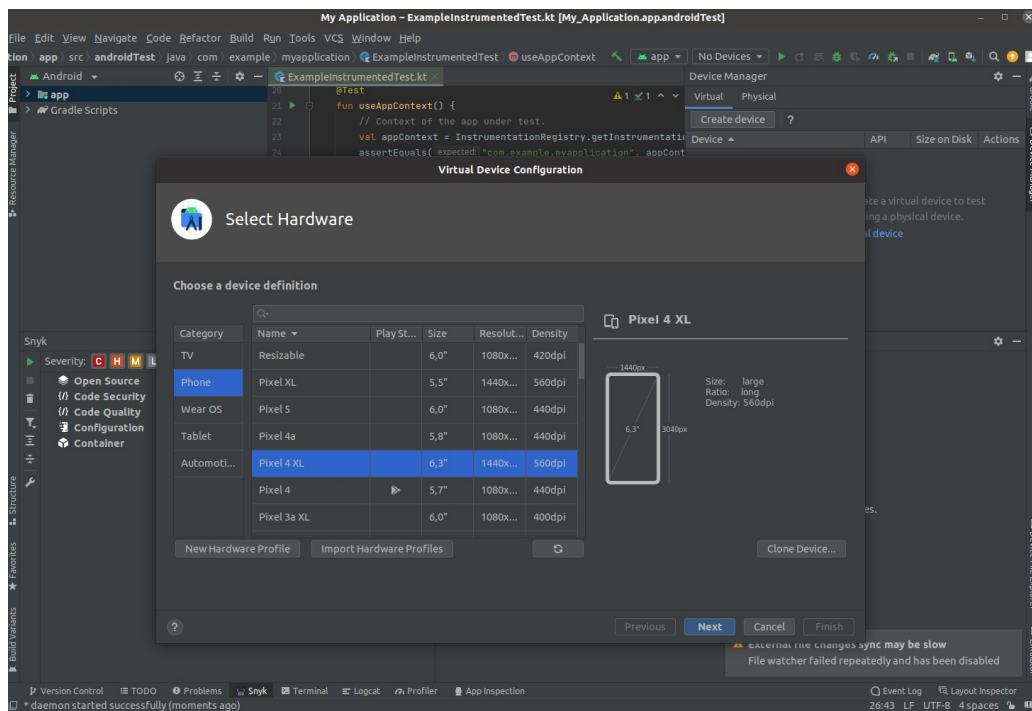
Link para instalação do Android Studio:

[https://developer.android.com/studio?](https://developer.android.com/studio?hl=pt&gclid=CjwKCAjwi8iXBhBeEiwAKbUofZfo7q323gT4eeFLhjCcTsyBzaSwAayD0QM1oKrOoOFxKMb6qhr2mxoC9H8QAvD_BwE&gclsrc=aw.ds)

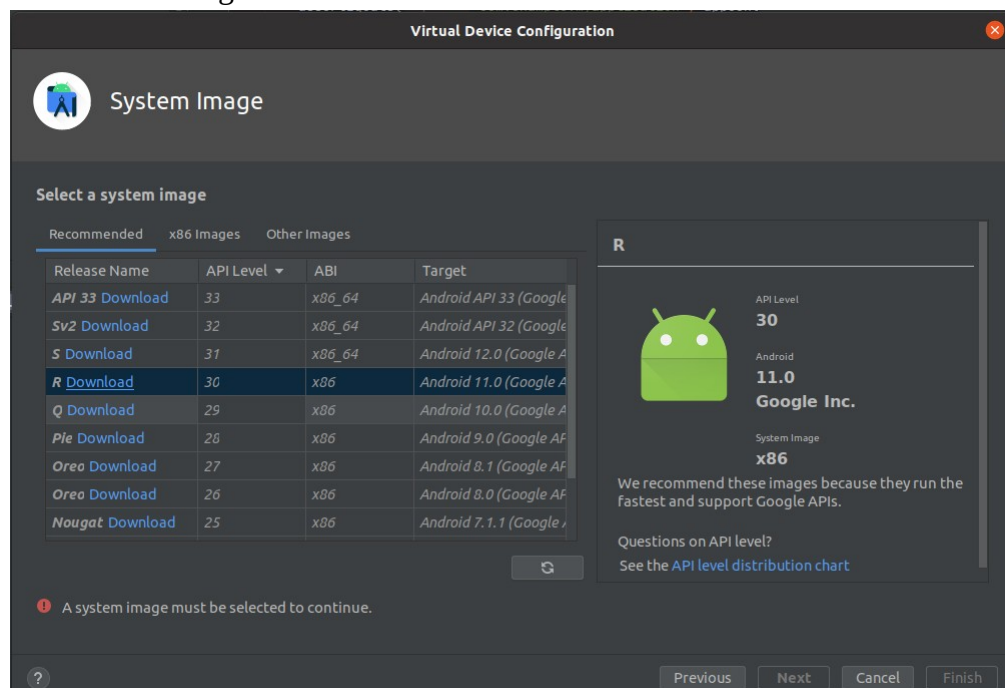
[hl=pt&gclid=CjwKCAjwi8iXBhBeEiwAKbUofZfo7q323gT4eeFLhjCcTsyBzaSwAayD0QM1oKrOoOFxKMb6qhr2mxoC9H8QAvD_BwE&gclsrc=aw.ds](https://developer.android.com/studio?hl=pt&gclid=CjwKCAjwi8iXBhBeEiwAKbUofZfo7q323gT4eeFLhjCcTsyBzaSwAayD0QM1oKrOoOFxKMb6qhr2mxoC9H8QAvD_BwE&gclsrc=aw.ds)

Criando um AVD

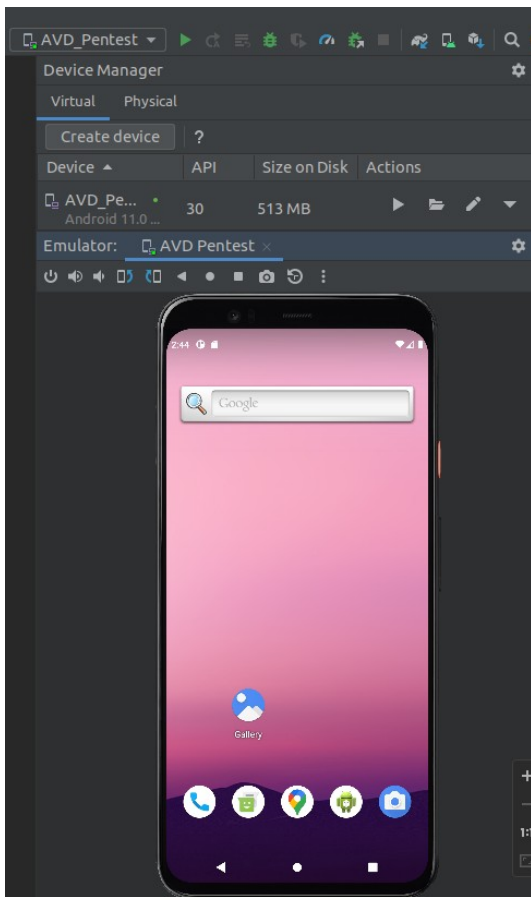
1- Acesse a opção “No Devices” e abra a aba “Device Manager”, em seguida “Create Device” e escolha o dispositivo.



2- escolha a imagem do Android.



3- O botão Play vai estar habilitado com o nome da AVD.



Instalação MobSF:

1. Instalação local

```
git clone https://github.com/MobSF/Mobile-Security-Framework-MobSF.git
cd Mobile-Security-Framework-MobSF
./setup.sh
```

Link ref.: <https://mobsf.github.io/docs/#/installation>

2. Docker image

```
docker pull opensecurity/mobile-security-framework-mobsf
# Static Analysis Only
docker run -it --rm -p 8000:8000 opensecurity/mobile-security-framework-
mobsf:latest
```

3. PlayWithDocker (roda no navegador sem instalação nenhuma)

<https://labs.play-with-docker.com/?stack=https://raw.githubusercontent.com/MobSF/Mobile-Security-Framework-MobSF/master/scripts/stack/docker-compose.yml>

Links OWASP Mobile top 10:

www.owasp.org/index.php/OWASP_Mobile_Security_Testing_Guide#tab=Main

www.owasp.org/index.php/Mobile_Top_10_2016-Top_10

Baixar APPs:

<https://apkpure.com/app>

<https://apps.evozi.com/apk-downloader/>

Link sobre o DIVA (app com vulnerabilidades para exploração)

<https://github.com/payatu/diva-android>

Diretórios de ferramentas úteis do Android Studio para adicionar ao PATH:

~/Android/Sdk/emulator

~/Android/Sdk/platform-tools

~/Android/Sdk/tools/bin

comandos úteis:

avdmanager list avd → lista as AVDs disponíveis para executar

emulator @Nome_AVD → Executa uma AVD

java -jar apktool d nome_app.apk -o saida → Decompila um APK

adb devices → lista dispositivos para interação

adb -s id_device → Especifica um comando a um determinado device

adb shell → acessa shel do dispositivo

adb shell pm comando → utiliza o package manager do dispositivo

adb shell am comando → utiliza o activity manager do dispositivo

adb install app.apk → instala um apk no dispositivo

adb uninstall nome.pacote → desinstala um app do dispositivo

adb push → envia um arquivo/dir para o dispositivo

adb pull → copia uma arquivo/dir do dispositivo