

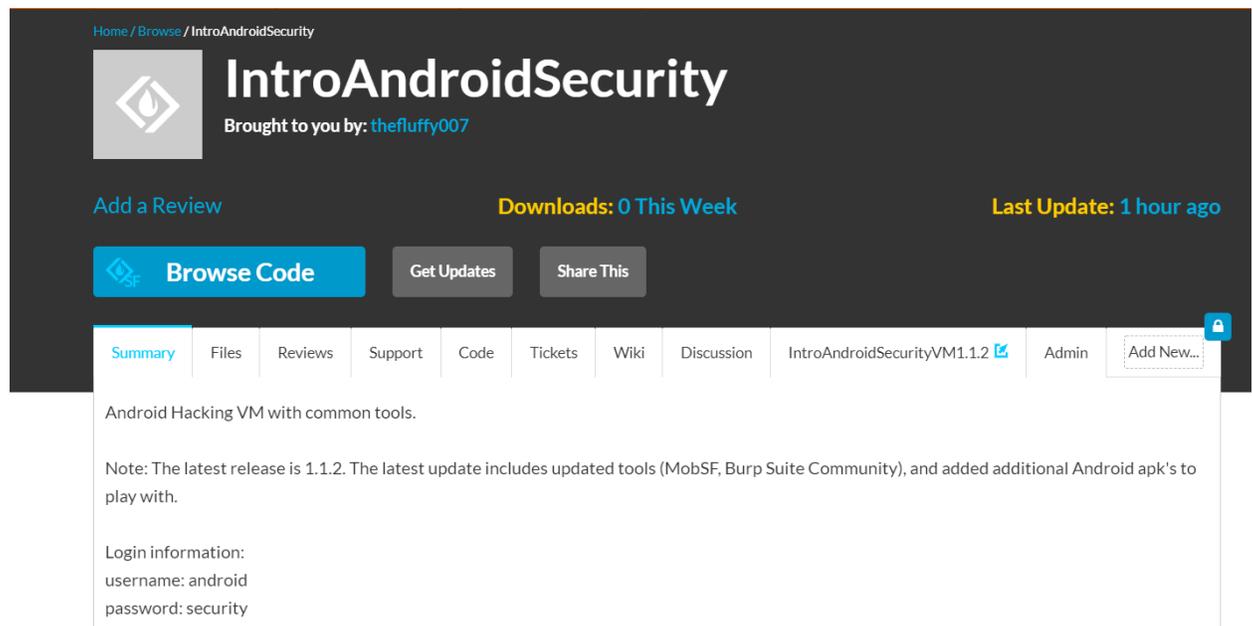
Importing IntroToAndroidSecurity VM into Virtualization Software

This guide will show you how to download and install the IntroToAndroidSecurity VM to VirtualBox (or VMWare if you prefer).

Let's get started!

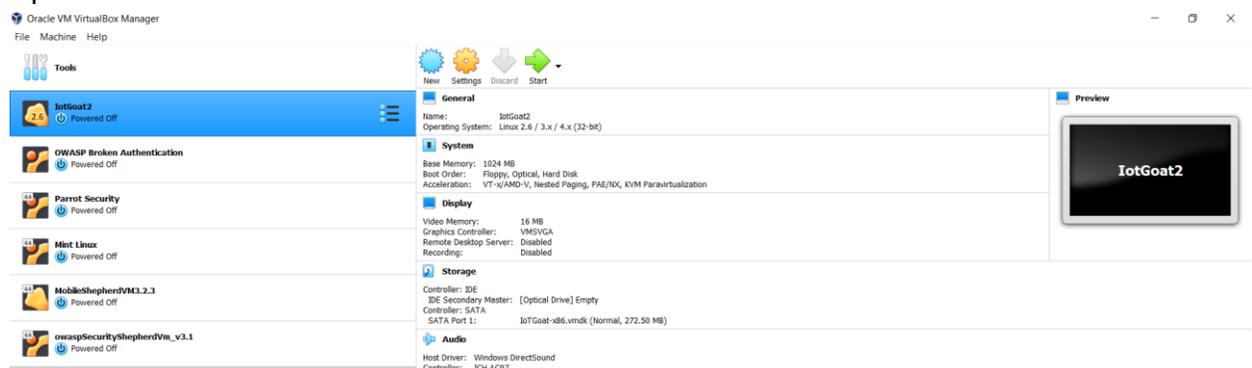
1. Download the VM from Source Forge here → [IntroAndroidSecurity download | SourceForge.net](#)

Select the 1.1.2 release as this is the latest version



The screenshot shows the SourceForge project page for IntroAndroidSecurity. The page header includes the project name, a logo, and the creator's name 'Brought to you by: thefluffy007'. Below the header, there are statistics: 'Add a Review', 'Downloads: 0 This Week', and 'Last Update: 1 hour ago'. There are three buttons: 'Browse Code', 'Get Updates', and 'Share This'. A navigation bar contains tabs for 'Summary', 'Files', 'Reviews', 'Support', 'Code', 'Tickets', 'Wiki', 'Discussion', 'IntroAndroidSecurityVM1.1.2', 'Admin', and 'Add New...'. The main content area has a description: 'Android Hacking VM with common tools.' followed by a note: 'Note: The latest release is 1.1.2. The latest update includes updated tools (MobSF, Burp Suite Community), and added additional Android apk's to play with.' and login information: 'Login information: username: android password: security'.

2. Open VirtualBox



The screenshot shows the Oracle VM VirtualBox Manager interface. On the left, there is a list of virtual machines: 'IotGoat2' (Powered Off), 'OWASP Broken Authentication' (Powered Off), 'Parrot Security' (Powered Off), 'Mint Linux' (Powered Off), 'MobileShepherdVM3.2.3' (Powered Off), and 'owaspSecurityShepherdVm_v3.1' (Powered Off). The main window displays the settings for the 'IotGoat2' VM. The 'General' tab is selected, showing the name 'IotGoat2' and operating system 'Linux 2.6 / 3.x / 4.x (32-bit)'. Other tabs include 'System', 'Display', 'Storage', and 'Audio'. The 'System' tab shows 'Base Memory: 1024 MB' and 'Boot Order: Floppy, Optical, Hard Disk'. The 'Display' tab shows 'Video Memory: 16 MB' and 'Graphics Controller: VMSVGA'. The 'Storage' tab shows 'Controller: IDE' and 'IDE Secondary Master: [Optical Drive] Empty'. The 'Audio' tab shows 'Host Driver: Windows DirectSound' and 'Controller: ICH AC97'. A preview window on the right shows the VM's boot screen with the text 'IotGoat2'.

Note your home screen will look different as I have previously installed/created virtual machines on my computer

3. Click on **File** → **Import Appliance**

Oracle VM VirtualBox Manager

File Machine Help

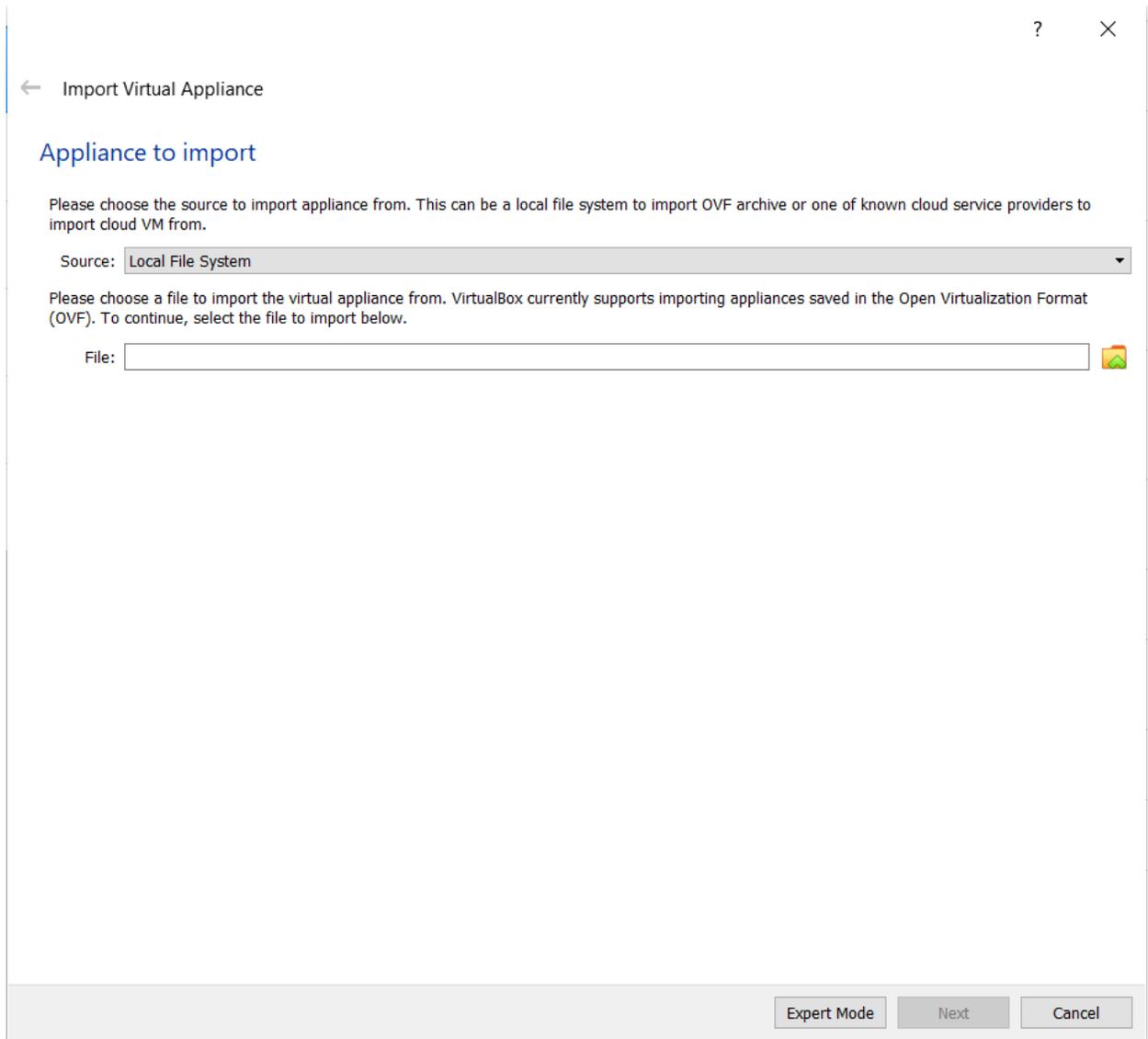
- Preferences... Ctrl+G
- Import Appliance... Ctrl+I
- Export Appliance... Ctrl+E
- New Cloud VM...
- Virtual Media Manager... Ctrl+D
- Host Network Manager... Ctrl+H
- Network Operations Manager...
- Check for Updates...
- Reset All Warnings
- Exit Ctrl+Q

64 **Mint Linux** Powered Off

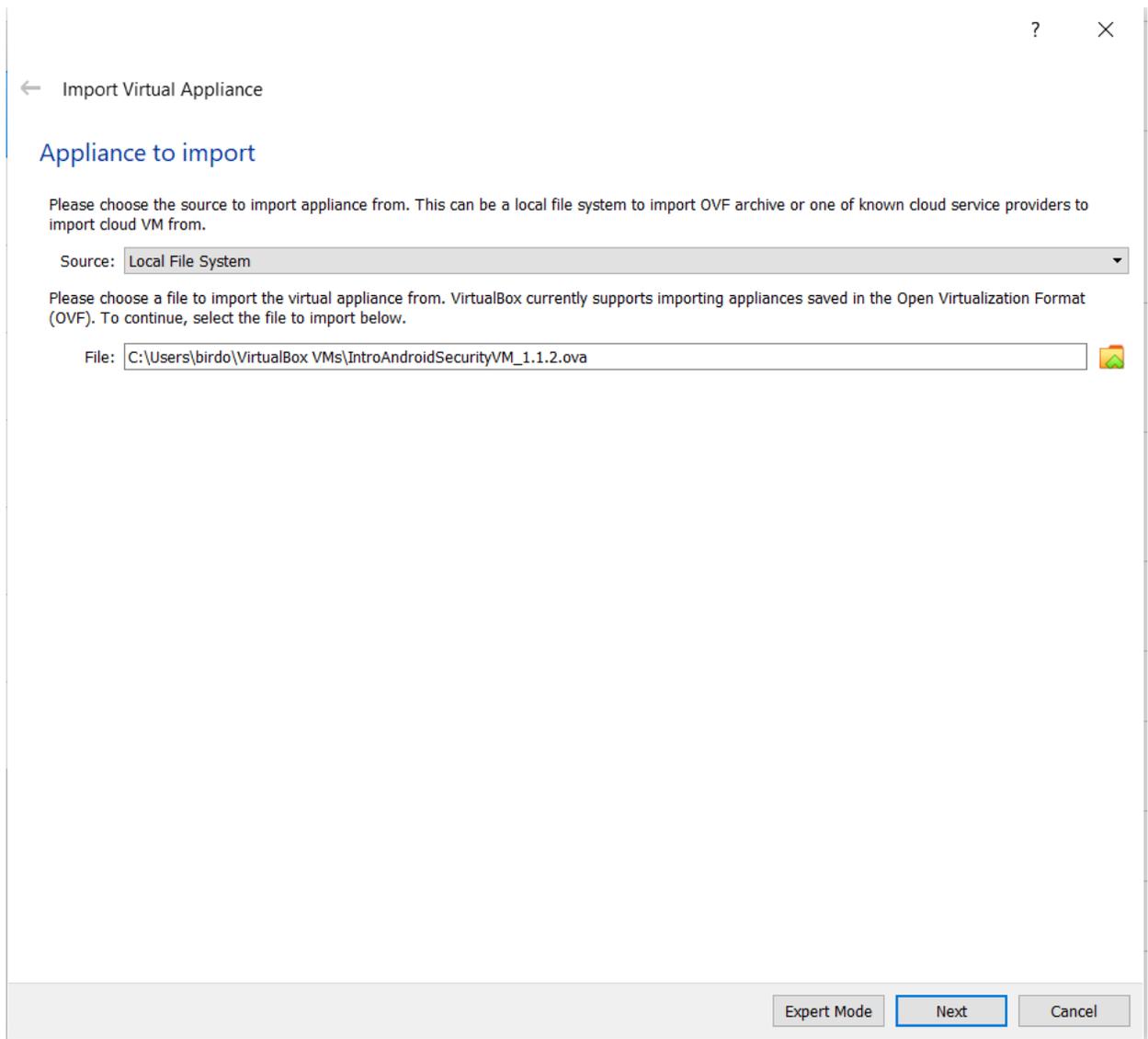
64 **MobileShepherdVM3.2.3** Powered Off

64 **owaspSecurityShepherdVm_v3.1** Powered Off

4. The following screen will appear:

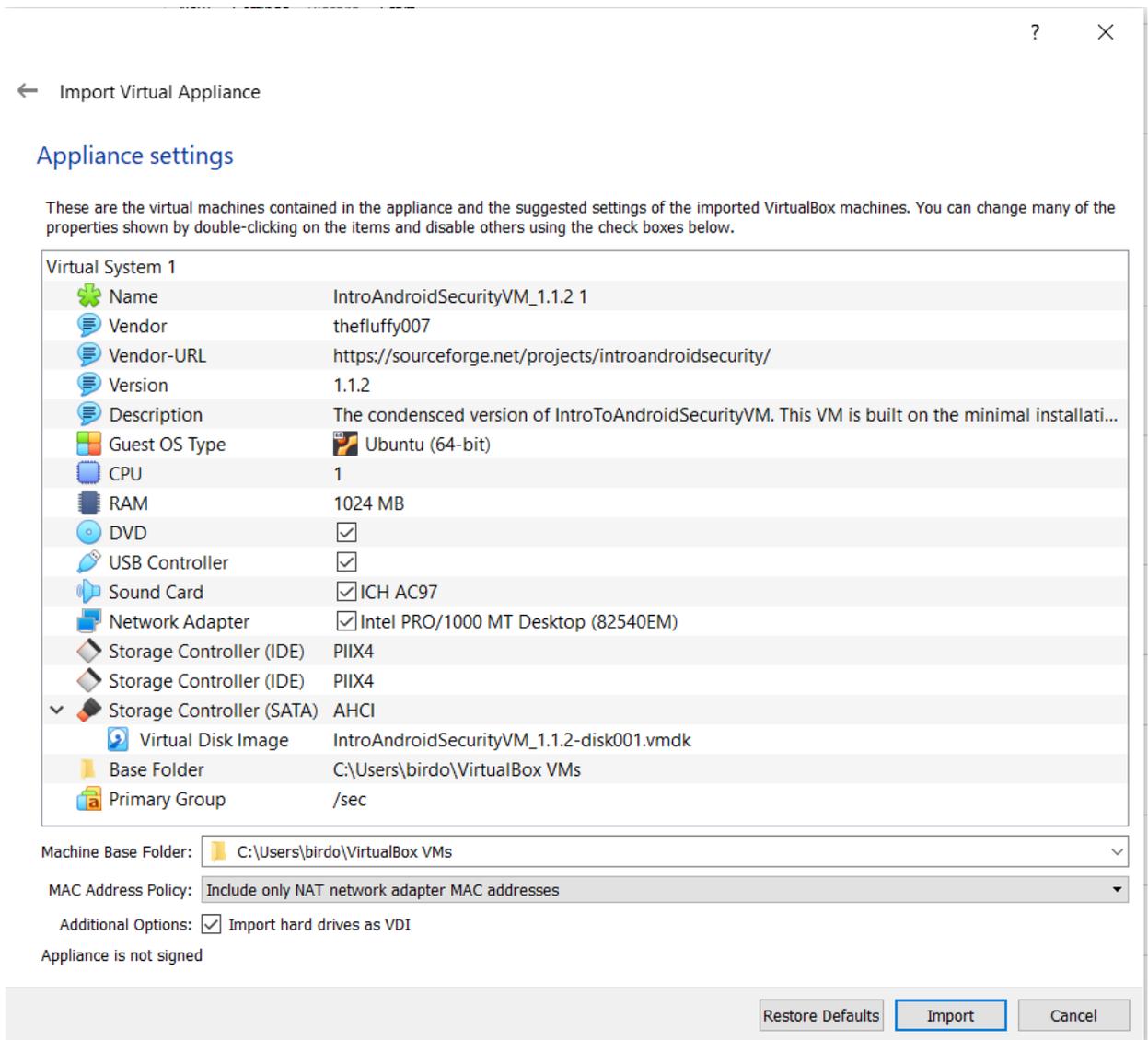


- Under the file section, click on the folder on the right
5. Navigate to where you saved the VM in Step 1



In my case, the VM was saved in my documents folder (see above screenshot)

6. Press Next
7. The next screen will show the properties of the virtual machine.



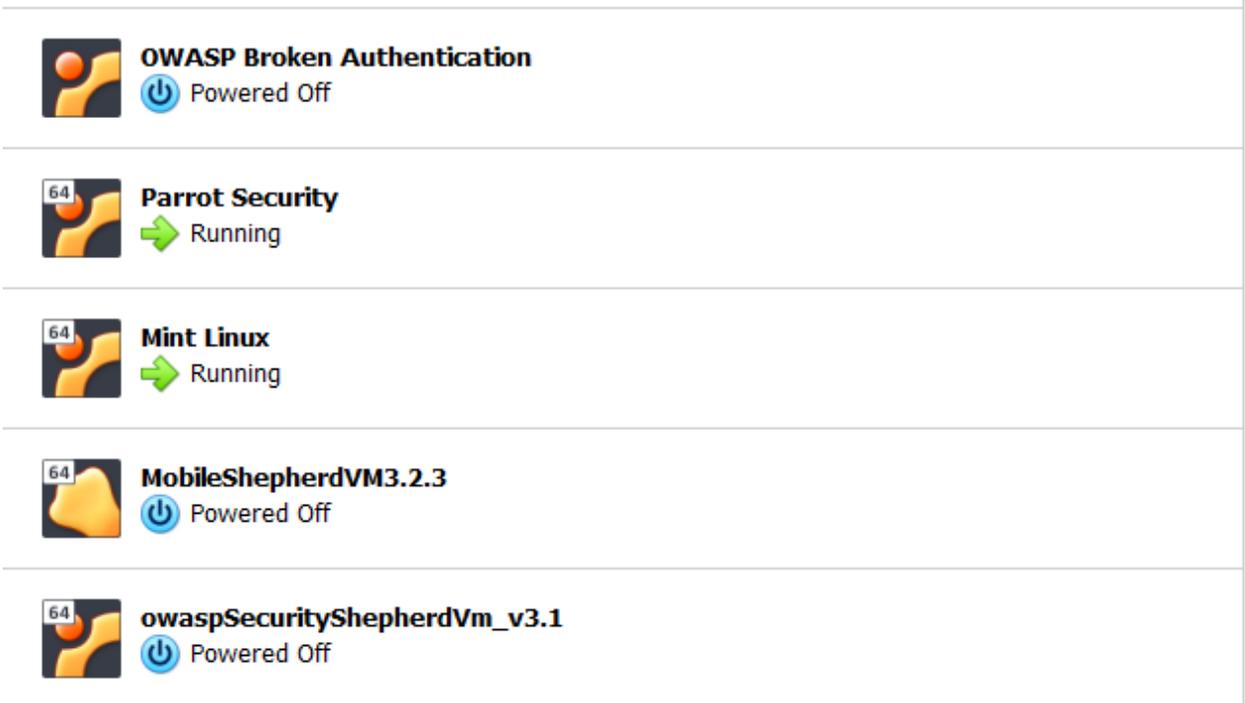
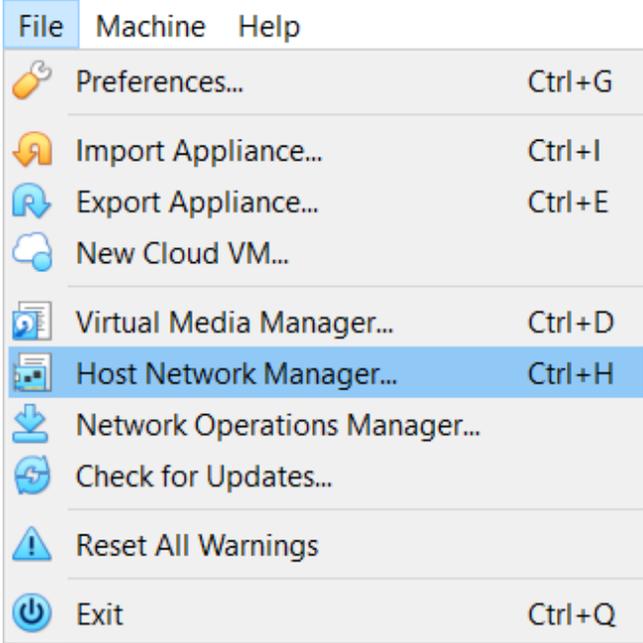
8. Press Import. Depending on your computer's RAM and processor. This can take a few minutes (3-5) or more.
9. Once the VM has been imported then it will show on the left-hand side of the pane.

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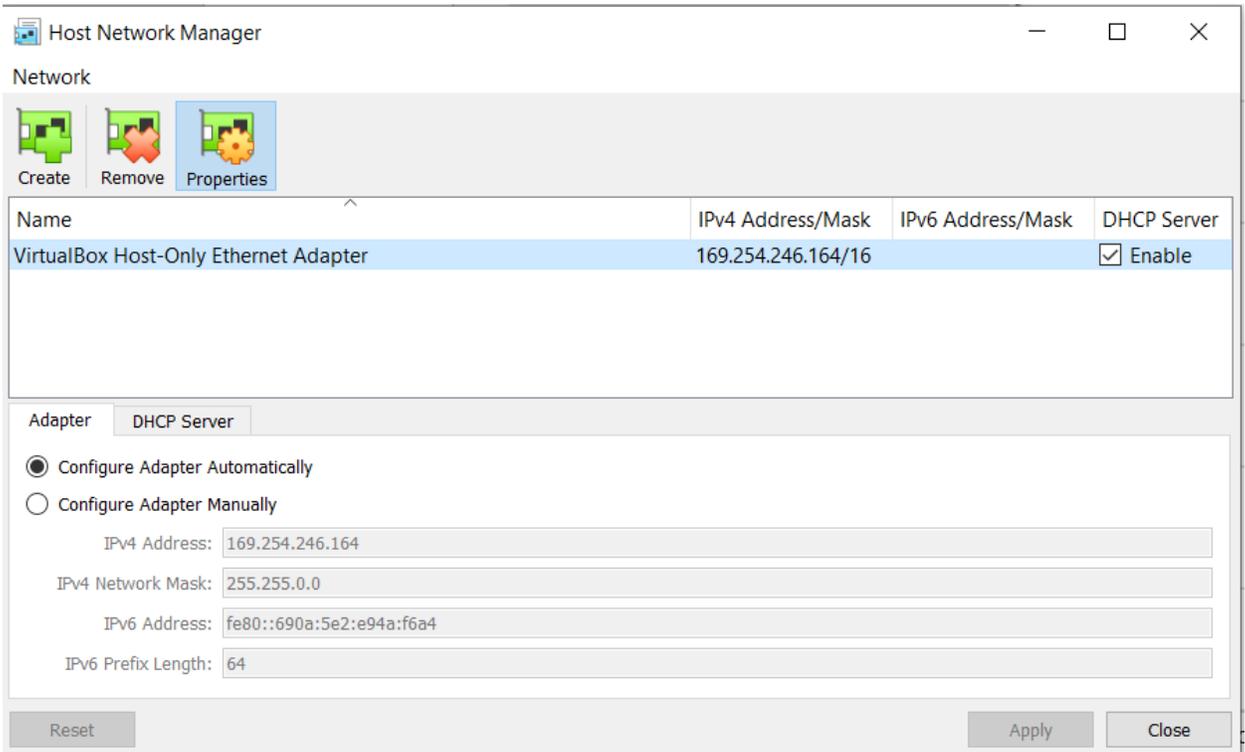
-  **IntroAndroidSecurityVM_1.1.2**  Powered Off 
-  **Androidx86**  Powered Off
-  **IotGoat2**  Powered Off
-  **OWASP Broken Authentication**  Powered Off
-  **Parrot Security**  Running
-  **Mint Linux**  Running
-  **MobileShepherdVM3.2.3**  Powered Off
-  **owaspSecurityShepherdVm_v3.1**  Powered Off

10. Click on **File** → **Host Network Manager**

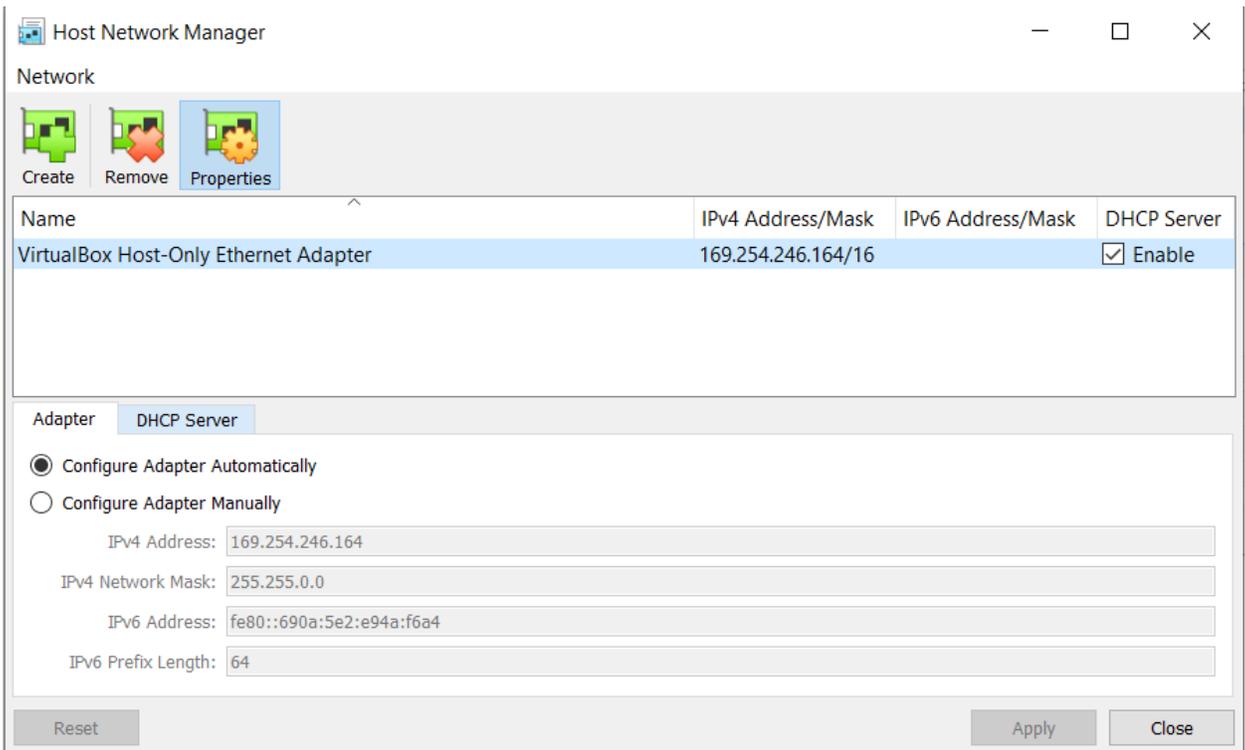
Oracle VM VirtualBox Manager



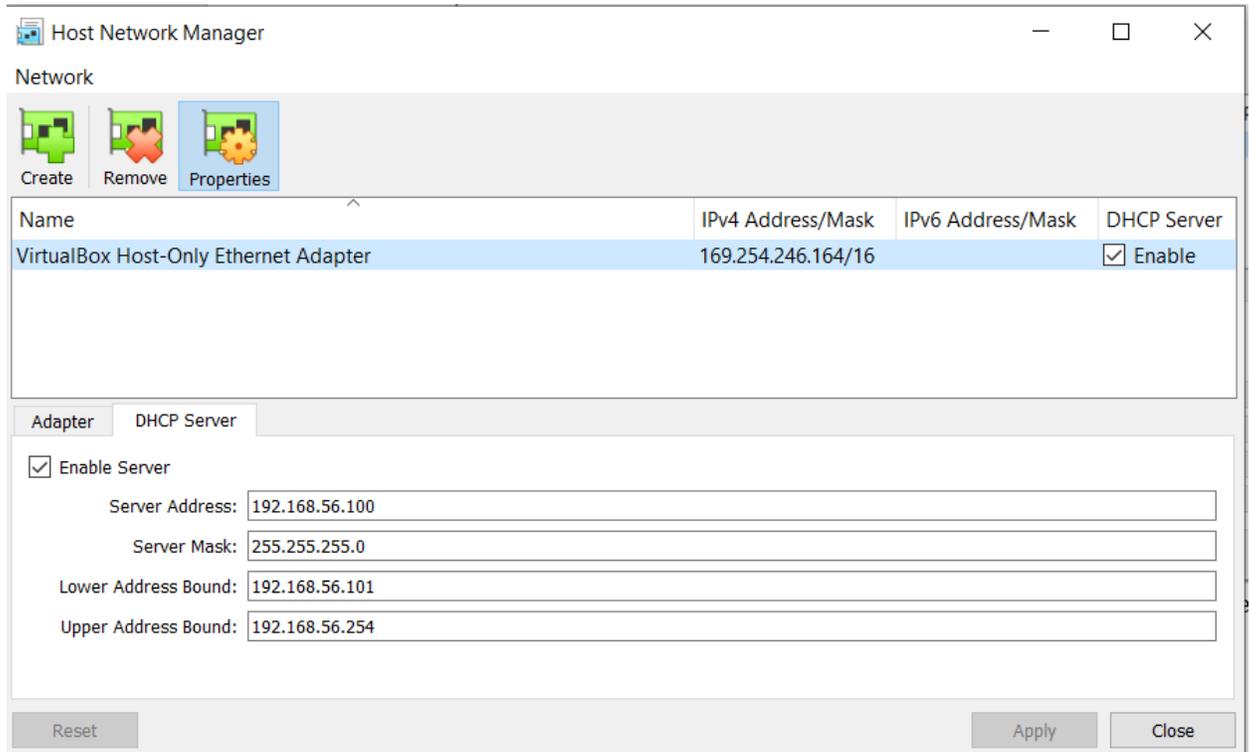
11. We're presented with the Host Network Manager screen. There should be one Ethernet Adapter. **Click Properties** at the top.



12. Next Click on **DHCP Server** at the bottom



13. Click the **Enable Server** box and have the four fields as the below screenshot



Enabling DHCP will allow us to get a new IP address whenever we start our virtual machine(s). Without doing this the virtual machine can't provide a valid IP address.

14. Press the **Apply** button
15. Press the **Close** button
16. Now we're back at the virtualization (in my case VirtualBox) home page

Oracle VM VirtualBox Manager

File Machine Help



Tools

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IntroAndroidSecurityVM_1.1.2

Powered Off



Androidx86

Powered Off



IotGoat2

Powered Off



OWASP Broken Authentication

Powered Off



Parrot Security

Running



Mint Linux

Running



MobileShepherdVM3.2.3

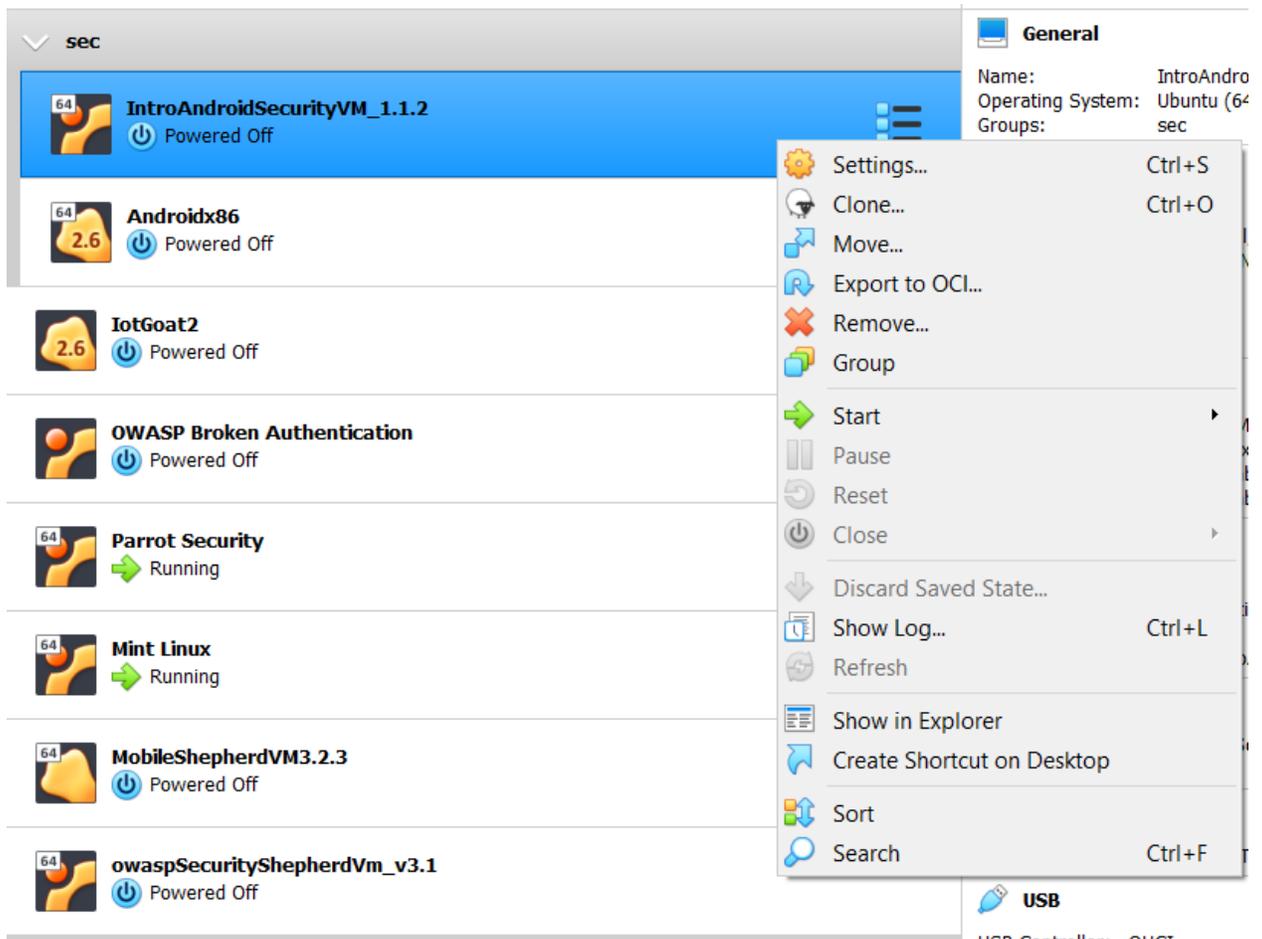
Powered Off



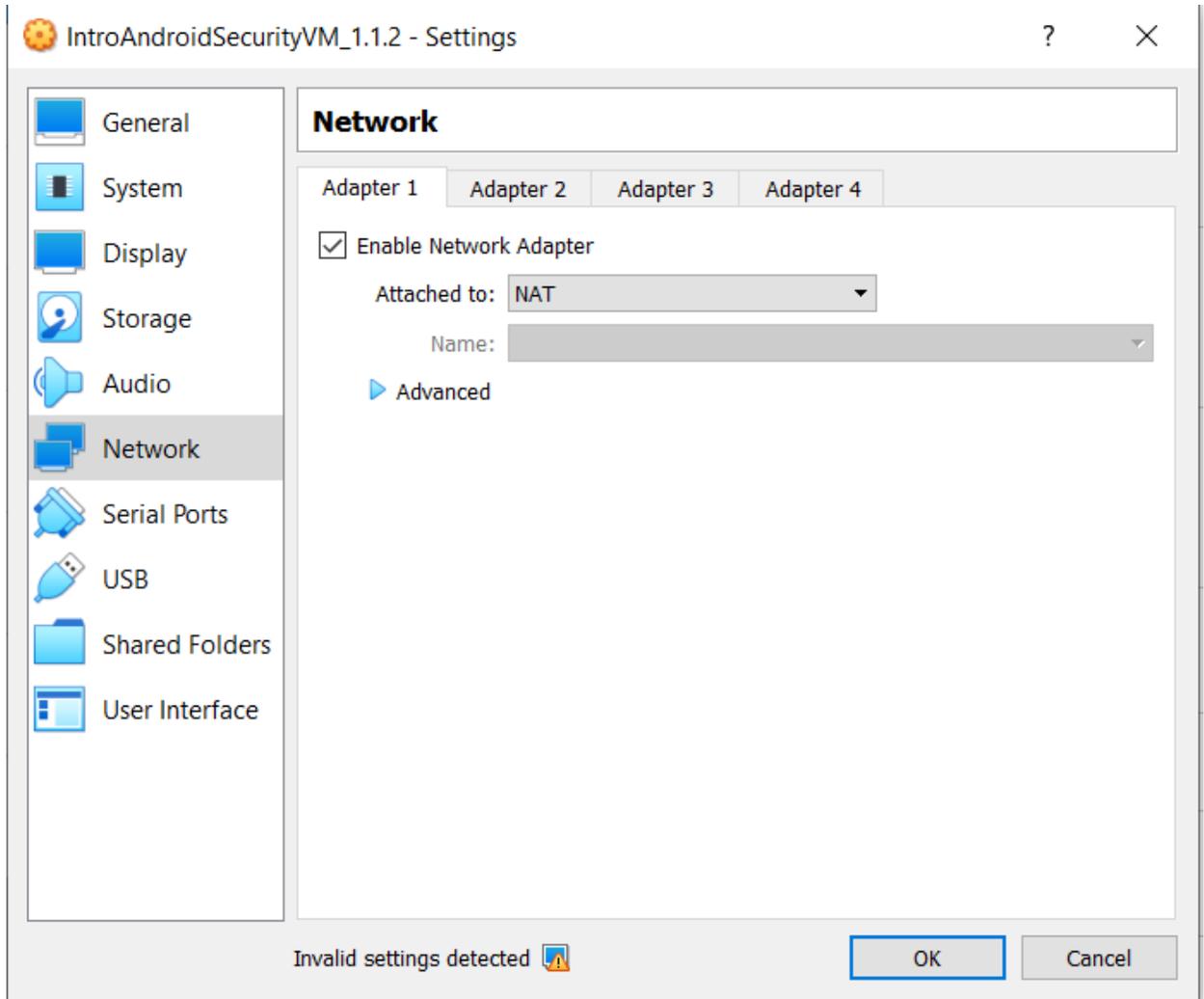
owaspSecurityShepherdVm_v3.1

Powered Off

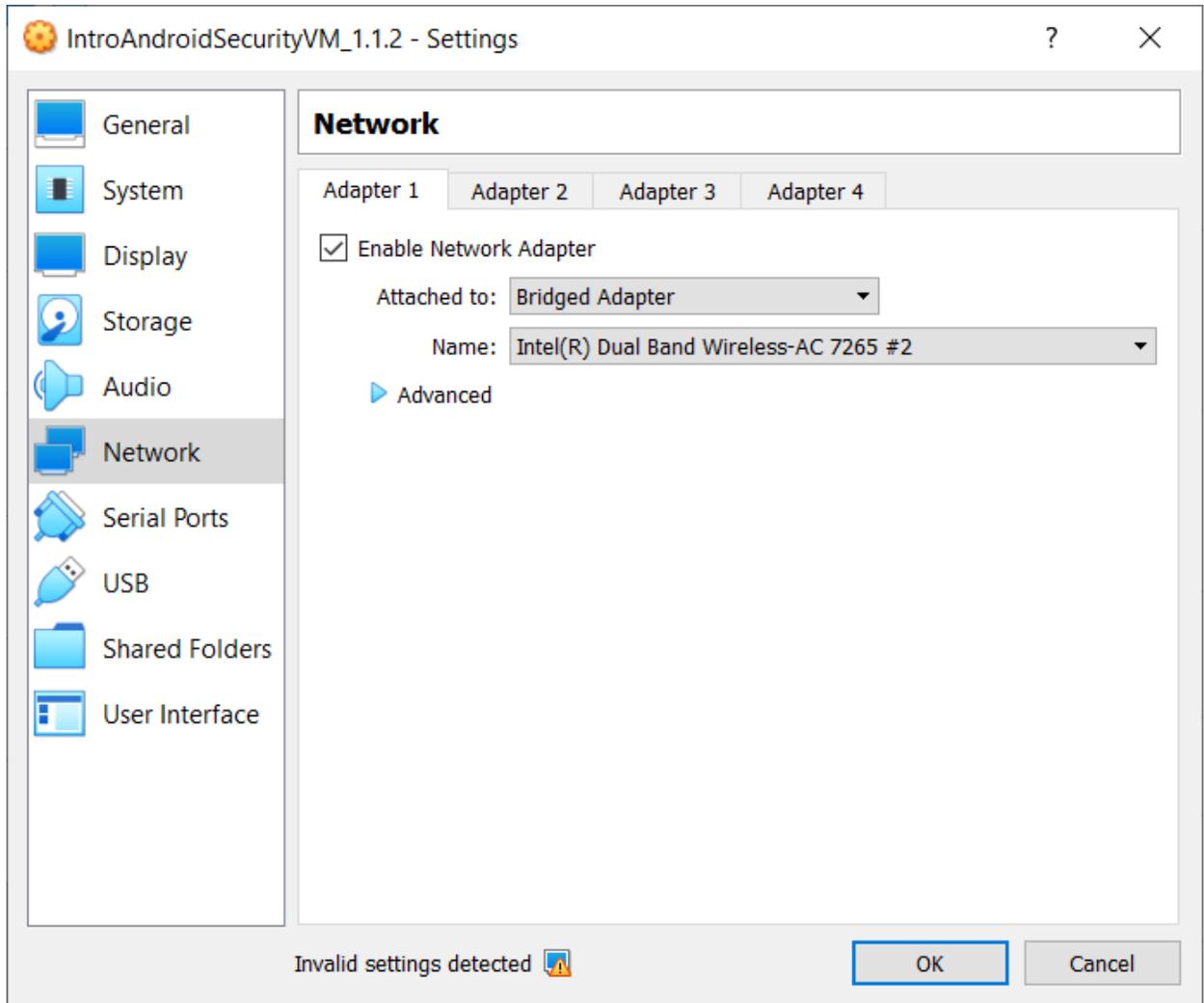
17. Right click and select the **Settings** option



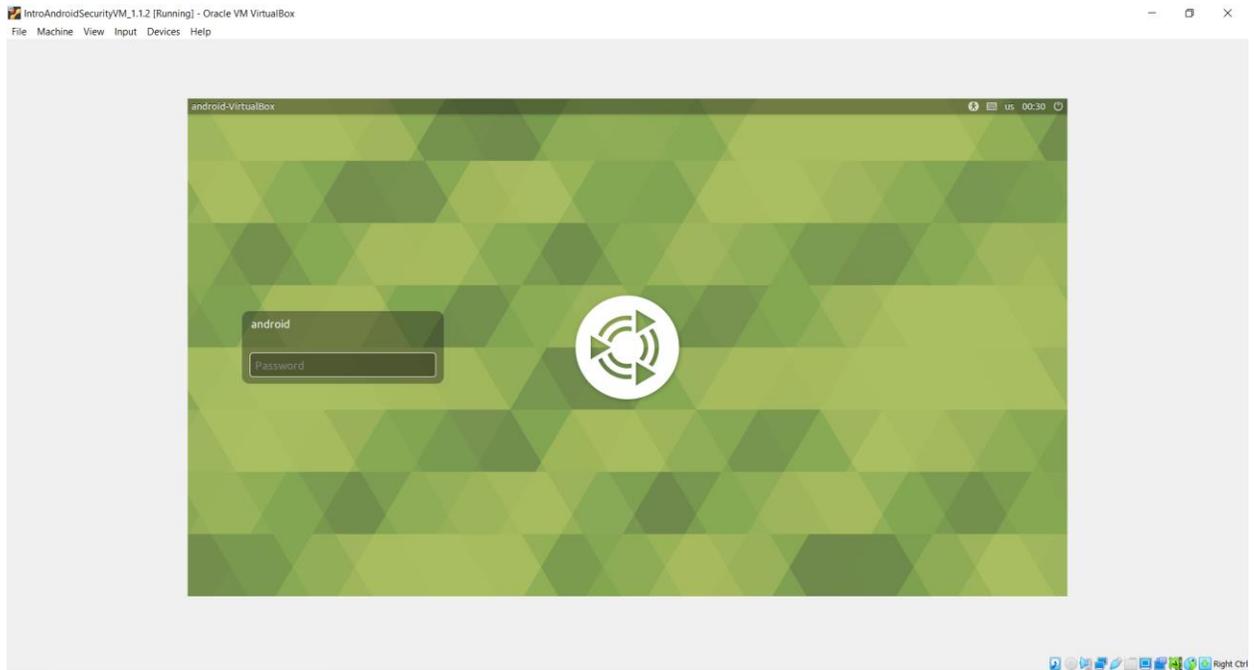
18. Go to the **Network** section



19. Change the Attached from **NAT to Bridged** and select **OK**

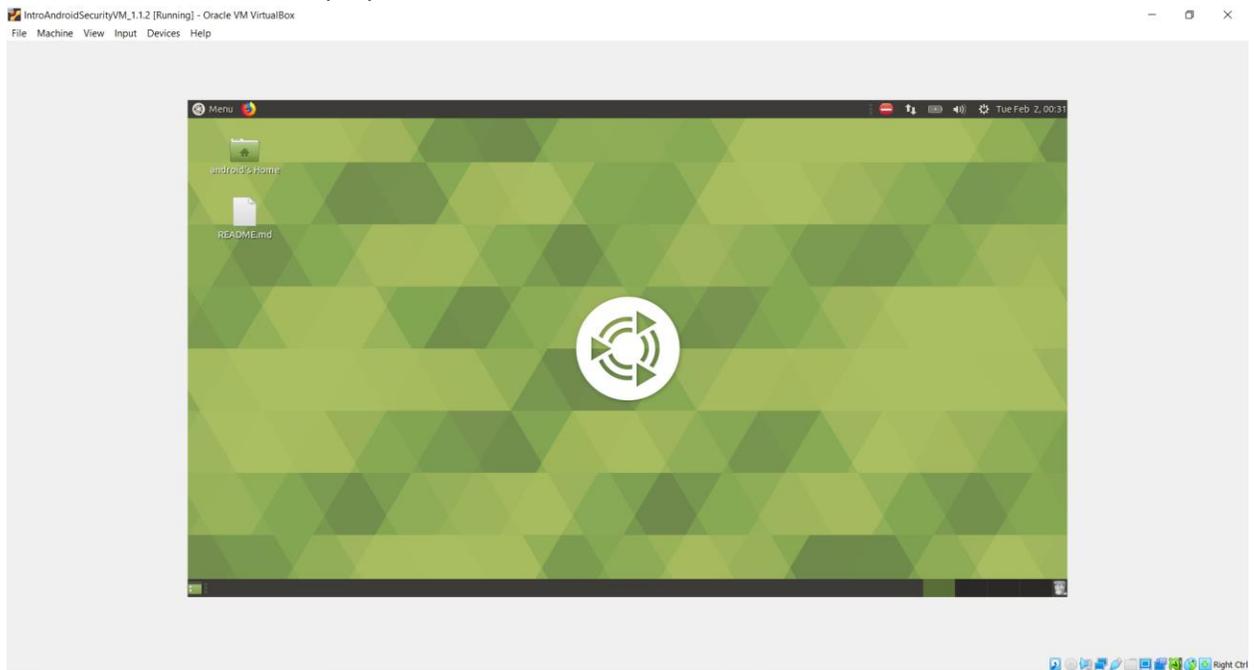


20. We're back to the home screen
21. Double-click the VM to start
22. The home-screen should look like the following:



The username/password: **android/security**. Press OK once entering the password

23. The home screen will display:



24. Open the README.md to get the lay of the land of the virtual machine. Enjoy!