**Lab – Creating a Virtual Install of OWASP Using VirtualBox**

**Overview**

The Open Web Application Security Project (OWASP) Broken Web Applications Project is a collection of vulnerable web applications distributed on a Virtual Machine. The installation and the running of OWSAP are much the same as installing and running Metesploitable2.

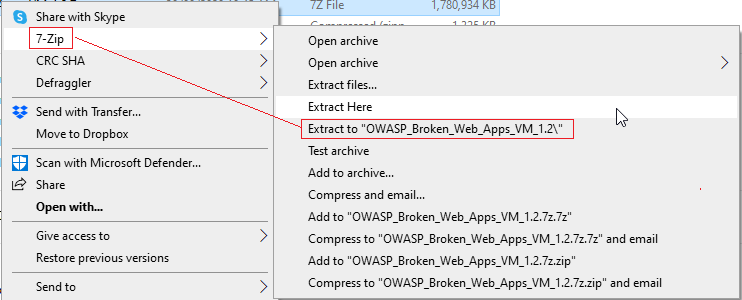
**Lab Requirements**

* Installation of [VirtualBox](https://www.virtualbox.org/wiki/Downloads) (If you already have VirtualBox installed, you do not need to reinstall it)
* Download and extract an archive of the [OWASP Web Applications Project](https://sourceforge.net/projects/owaspbwa/).
* Installation of [7-zip archive utility](https://www.7-zip.org/).

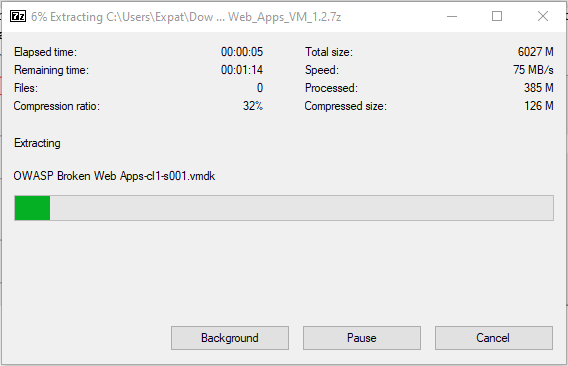
**Begin the lab**

Download the OWASP Web Applications Project for the [SourceForge](https://sourceforge.net/projects/owaspbwa/)

Extract the contents using 7-zip. Right-click on the download, and for the context menu, select 7-zip and then select **Extract to** a folder using the same name as the downloaded archive



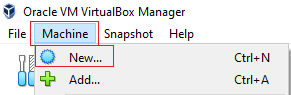
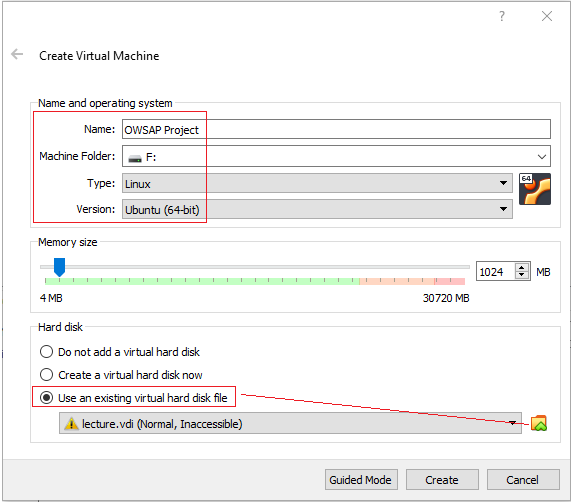
Package being extracted.



Back at the download location, find the extracted folder. Remember the location.

Open VirtualBox.

From the taskbar, click on Machine, and from the context menu, click New.



This launched the Create Virtual Machine Wizard.

Give the new machine a user-friendly name.

Select a location for the machine folder.

For the Type, select Linux.

For the version, select Ubuntu (64 -bit)

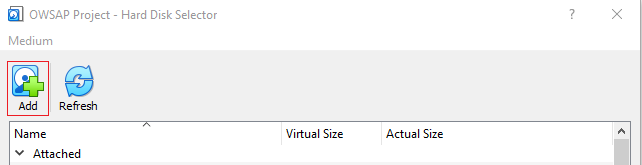
At the bottom of the window, select the radio

Button to Use an existing virtual hard disk file.

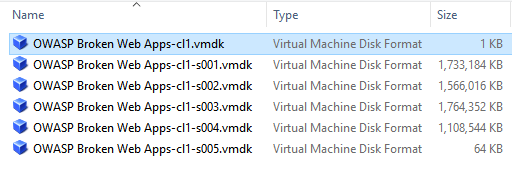
Over to the right of the screen, click on the folder

icon to browse to the extracted folder location.

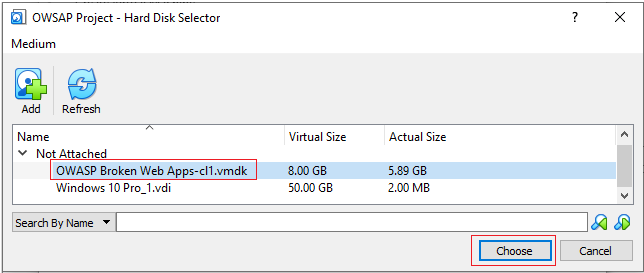
On the next screen, click the add button.



Select the file shown in the following image.



Back at the hard disk selector page, ensure that your disk is selected and click on, **Choose**.



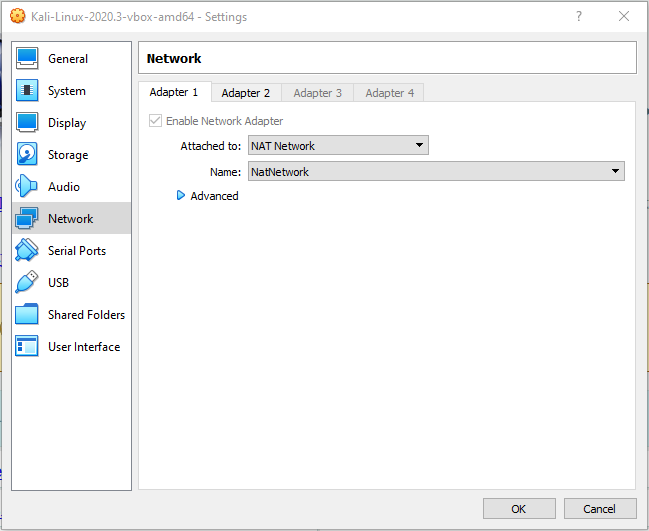
At the next screen, click on Create.

From the left Windows pane, find your newly created virtual install of OWSAP. Right-click on the machine's name, and from the context menu, select Settings.



Caveat!

I could not get OWSAP and Kali to communicate until I configured both with their NAT Network network setting. I tried Host-only and NAT, but they could not see each other until I configured both with NAT Networking.

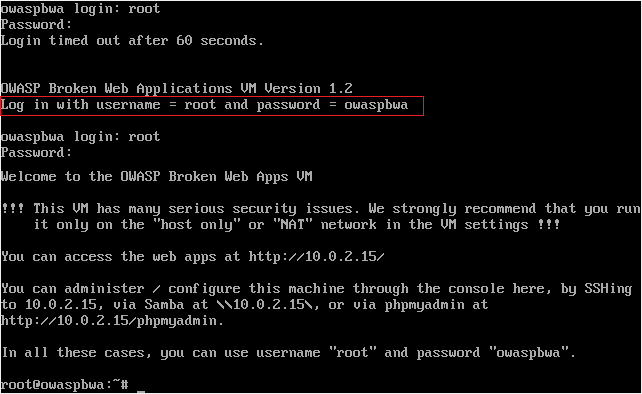


Click OK

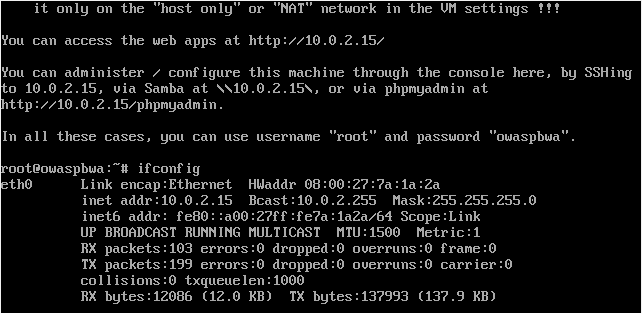
Back at the left windowpane, x2 click your newly created virtual install of OWSAP.

Once fully booted, log in as **root** with the password **owaspbwa**.

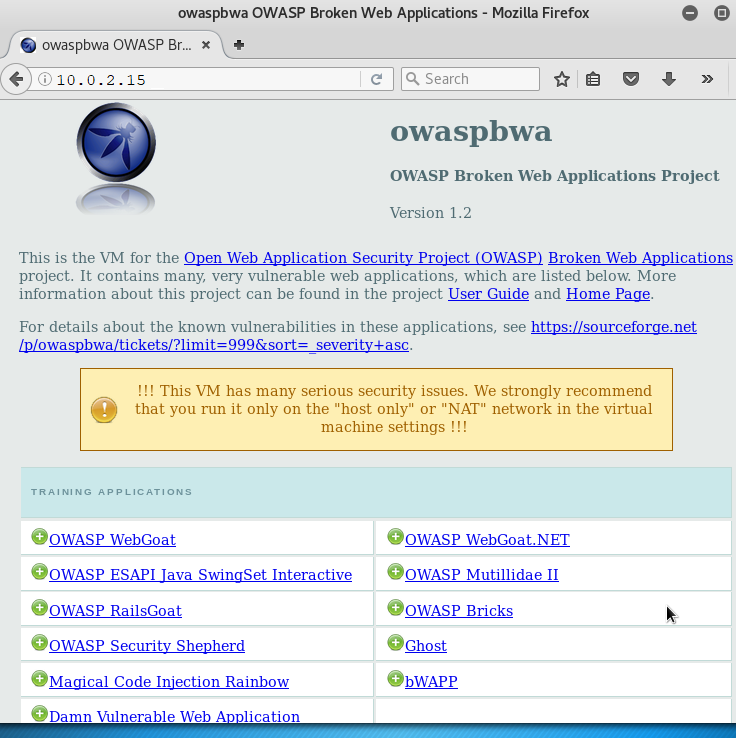
Ensure that you are receiving an IP address from DHCP by issuing ifconfig eth0 from the command line.



Results for ifconfig.



Open your Kali browser and type the IP address assigned to your OWASP machine at the address bar. You should see the following page.



End of the lab!