



Installing Kali & Burp-Suite Setup

Adam Sarin
217342706

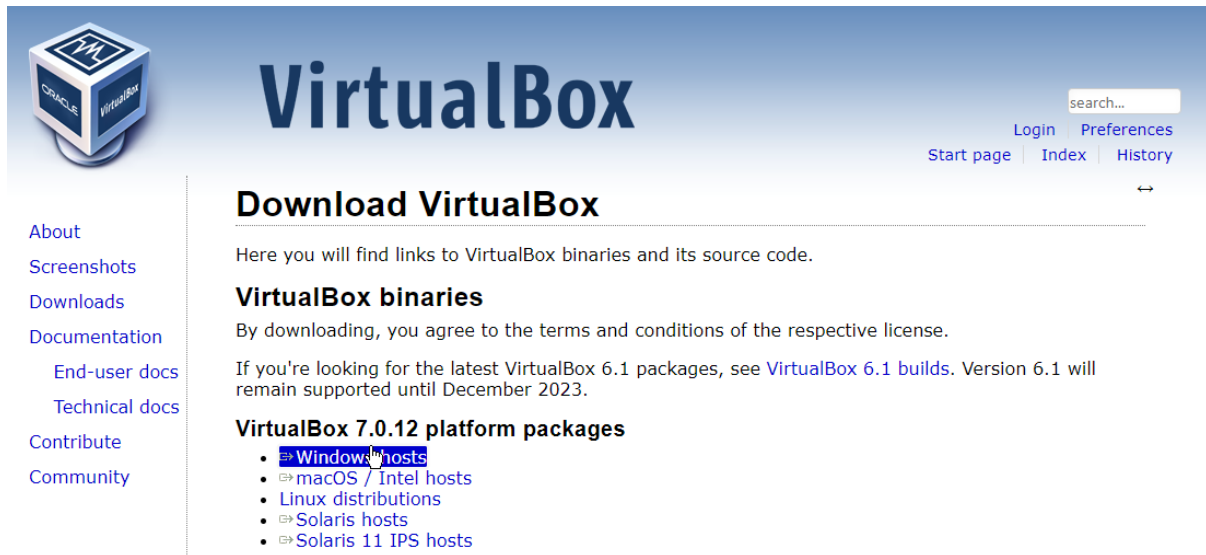
The Purpose of this guide is to help the Juniors in Trimester 1 as well as any future Chameleon members install Kali Linux on Virtual Box for penetration testing, while also including instructions on how to install an older version of Burp Suite, this is due to PortSwigger making a few scan features that were originally available for free now require the Pro version.

The Community Edition of Burp Suite Version 1.7.36 was the last version to have these scan features available for free and will be the version used in this guide.

VirtualBox & Kali Linux Setup

Firstly, we will be installing Virtual Box as well as its Extension Pack to make sure we have access to all features while working with Kali Linux.

<https://www.virtualbox.org/wiki/Downloads>



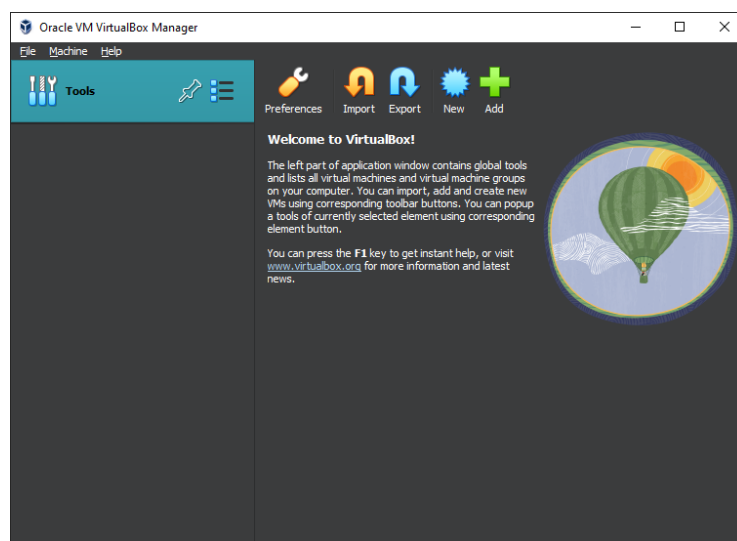
Chances are you will be on a Windows machine therefore you would grab the installer from the Windows Hosts download, if you are using a different operating system you might need to do additional steps to install VirtualBox but that won't be covered in this guide.

VirtualBox 7.0.12 Oracle VM VirtualBox Extension Pack

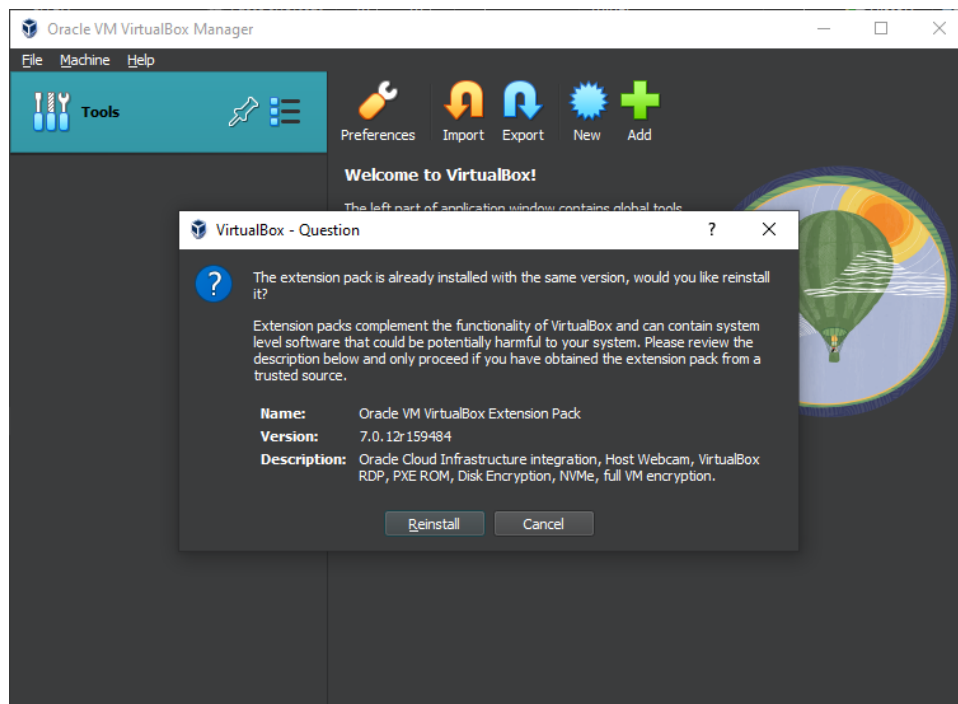
- [All supported platforms](#)

Support VirtualBox RDP, disk encryption, NVMe and PXE boot for Intel cards. See [this chapter from the User Manual](#) for an introduction to this Extension Pack. The Extension Pack binaries are released under the [VirtualBox Personal Use and Evaluation License \(PUEL\)](#). *Please install the same version extension pack as your installed version of VirtualBox.*

Make sure to additionally download the Extension Pack which is the same for all hosts and after installing VirtualBox via the executable you should be met with the VirtualBox window.

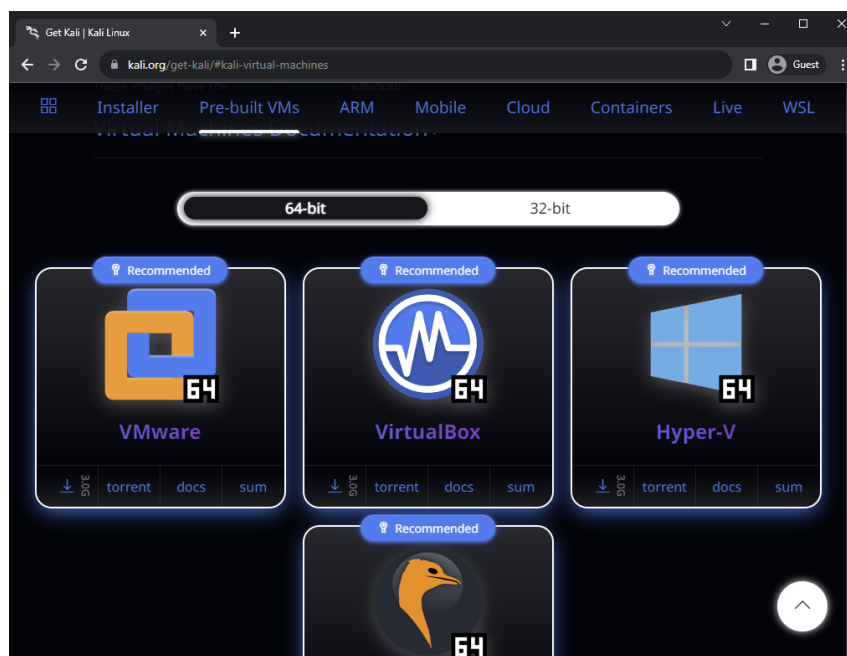


After installation you should be able to just launch the VirtualBox Extension Pack as it will automatically launch into VirtualBox and prompt you to install it, which you should.



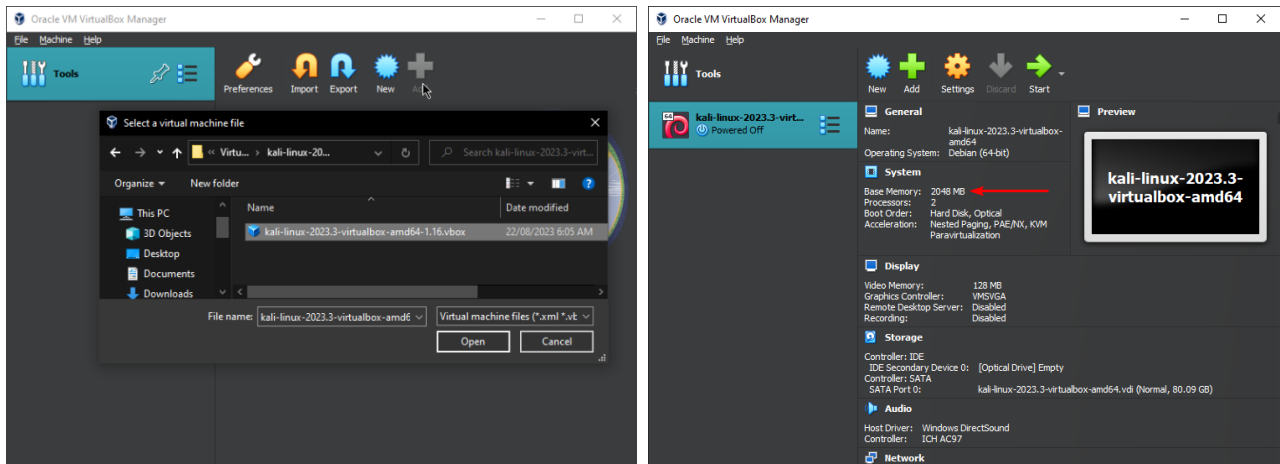
Next we will grab the Kali Linux Virtual Machine, which can be downloaded either normally through our browser or a torrent client if you prefer, I would suggest the 64bit version for the best performance but if your device has less then 4GB of RAM to spare on the VM then the 32bit version will have to suffice, however I don't know how that will affect the Burp-Suite Installation.

<https://www.kali.org/get-kali/#kali-virtual-machines>

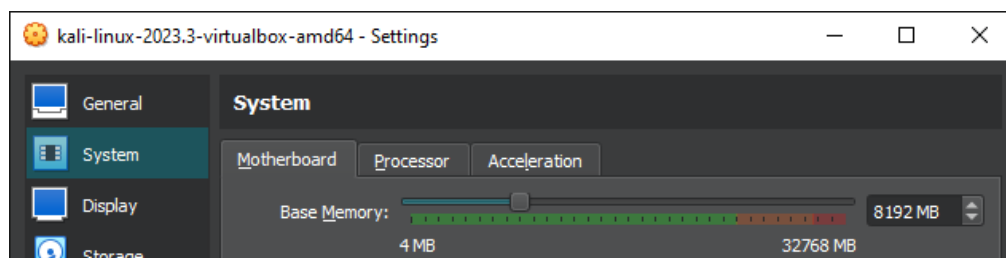


After which you should extract the Kali Linux Virtual Machine folder to wherever you want it, I personally moved it to the "VirtualBox VMs" folder in Documents where my other Virtual Machines are stored.

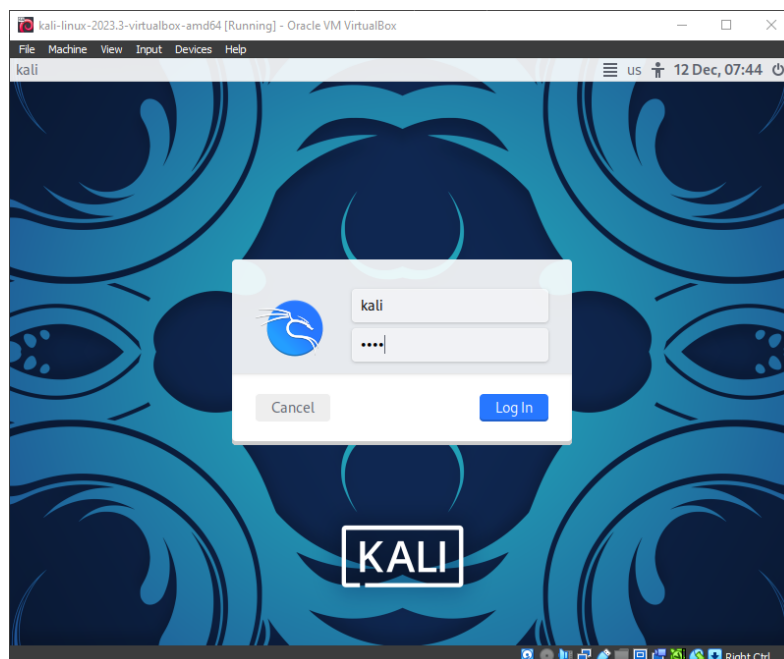
Once Kali is on your device we press the green plus to add the VM into VirtualBox and select the vbox file that came in the Kali Linux folder.



You could move into booting Kali Linux from this step on, but as we can see the memory assigned to the VM is a little on the low end, and depending on your computers resources you can raise this value as needed, which can be done by entering the settings menu for the Virtual Machine by either using the yellow cog up the top or right clicking the VM you wish to edit and then navigating to the “System” tab where “Base Memory” can be edited at the top of the page. I have opted for 8 GBs of RAM to be used by the Virtual Machine due to my system having 32GB.



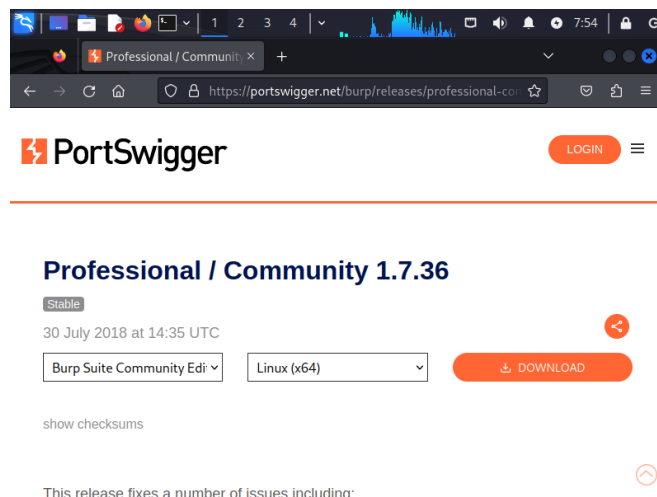
And now we can launch the Virtual Machine! After some booting you should be on the login screen, where the default username and password are both “kali”.



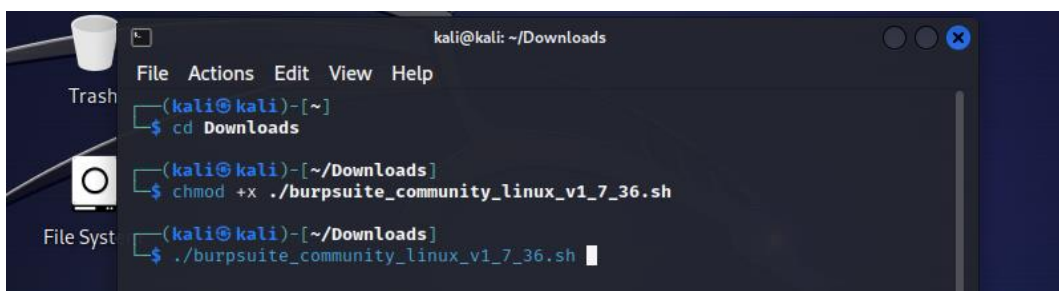
Burp-Suite Installation (Version 1.7.36)

Now that we have setup Kali Linux in VirtualBox we are ready to install the older version of Burp Suite, which we will download from the PortSwigger site.

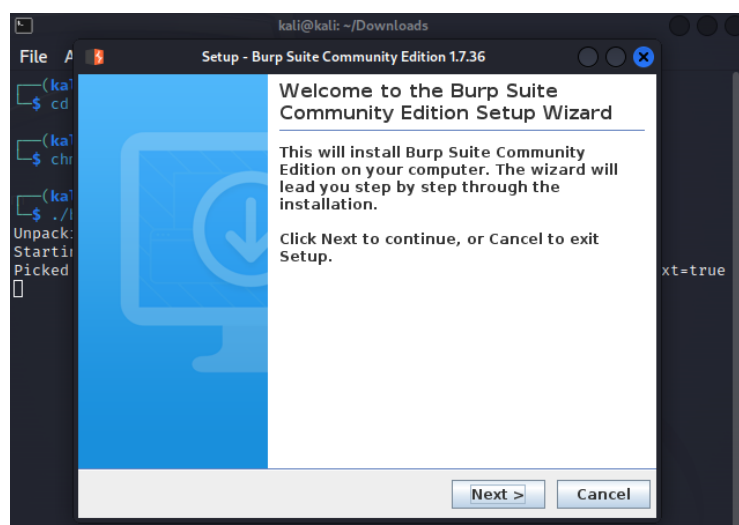
<https://portswigger.net/burp/releases/professional-community-1-7-36>

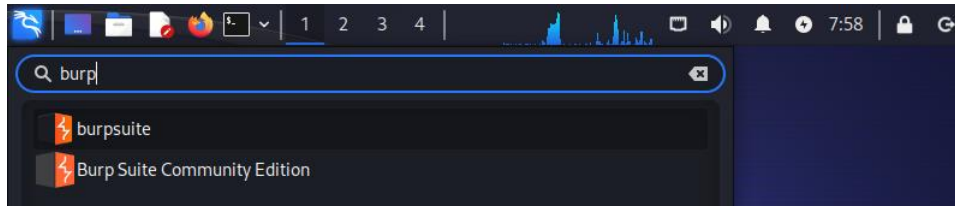


Make sure the version is 1.7.36 and is the Community Edition as well as the Linux (x64) version.

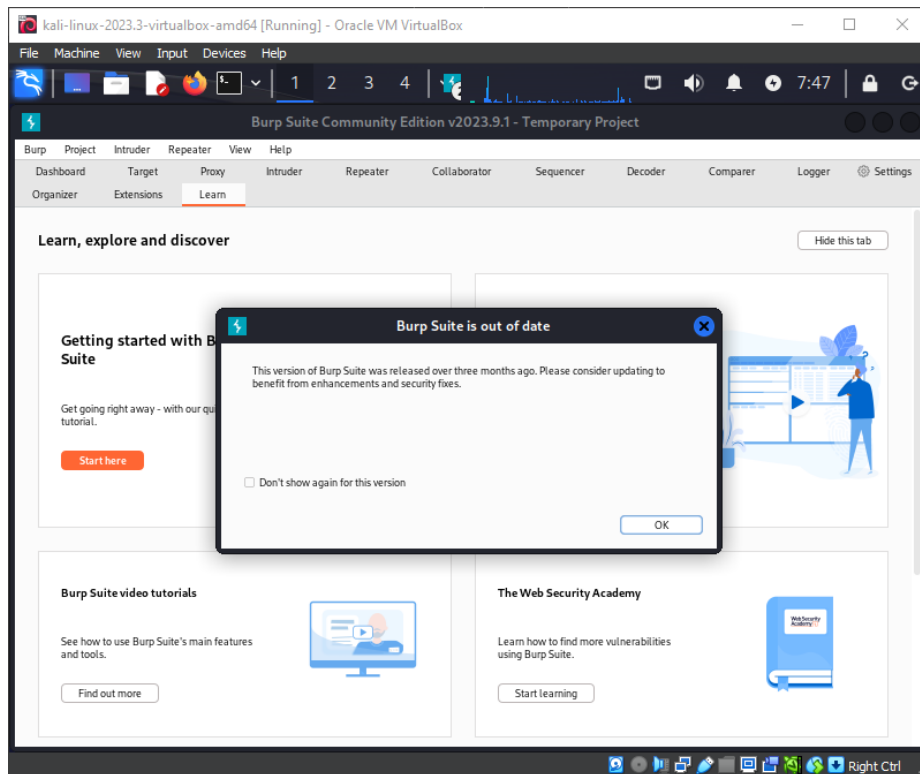


By default, your browser will be setup to download files to the Downloads folder, so using the terminal we will navigate to the folder, chmod the file with the +x option to allow it to be executed, and then execute the file which will launch the installer, which is self-explanatory, keep the defaults if you don't know what you're doing.

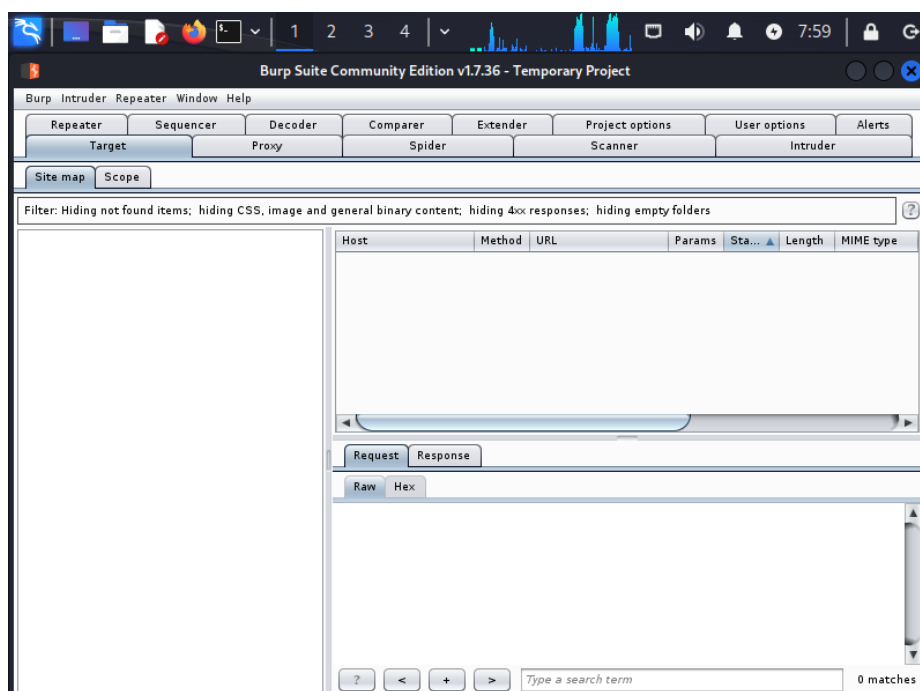




Now you have both the pre-installed version of Burp Suite, which is the top “burpsuite” as well as the older community version we installed, “Burp Suite Community Edition”!



Pre-Installed Burp Suite Included with Kali (Pictured Above)



Our Manually Installed Burp Suite (Pictured Above)