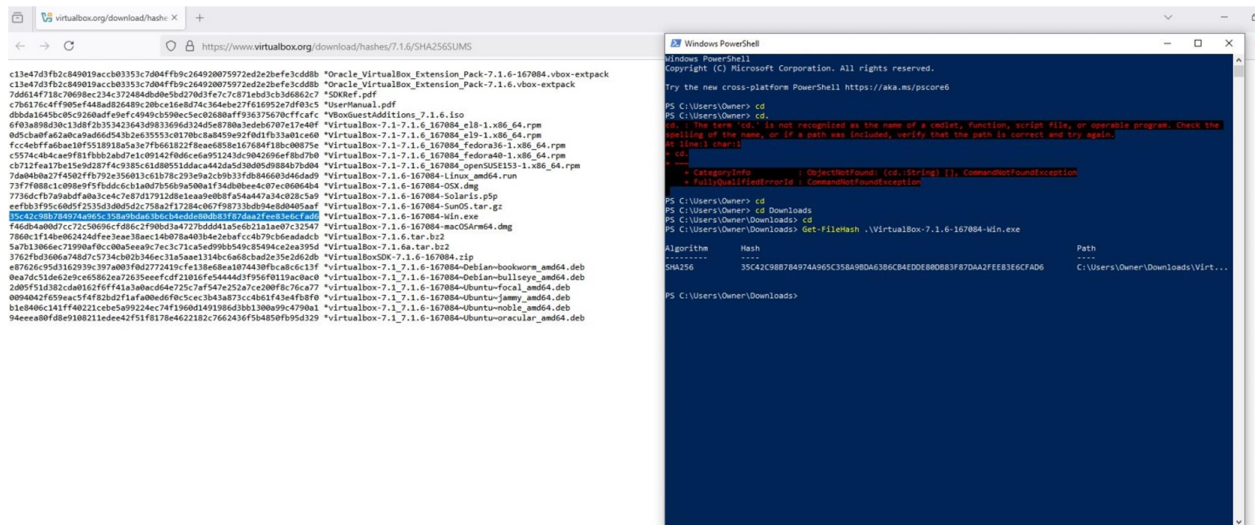


# Building a Basic Home Lab

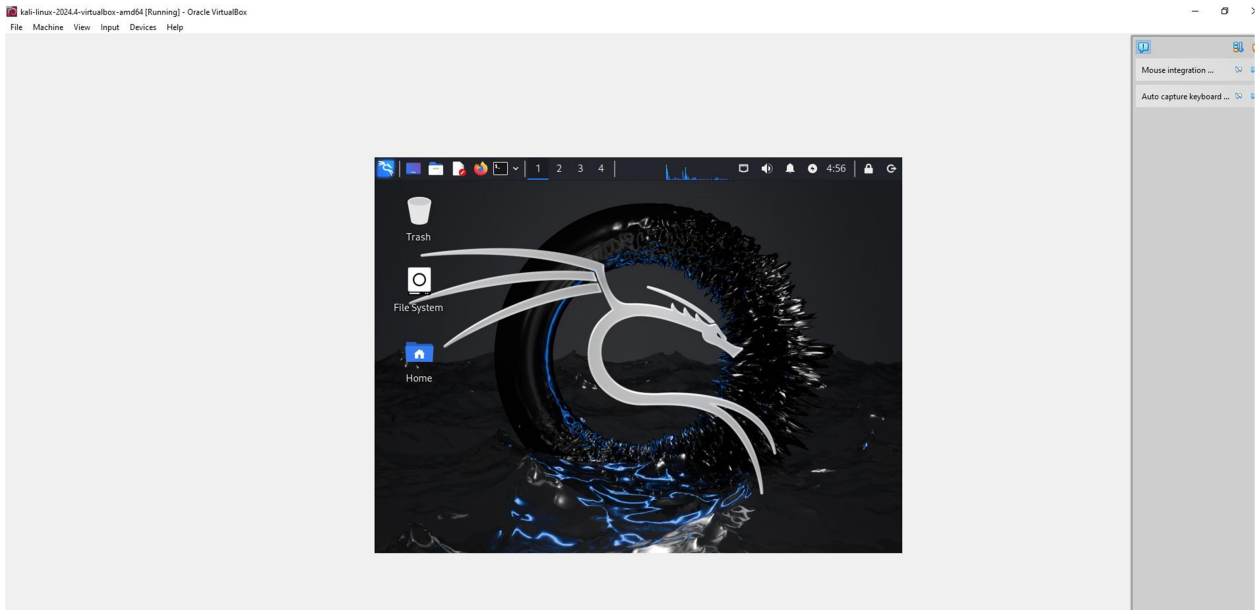
- 1) Creating a sandbox environment using VirtualBox([www.virtualbox.org](http://www.virtualbox.org))
- 2) After downloading will be checking the SHA256 if the file had been altered



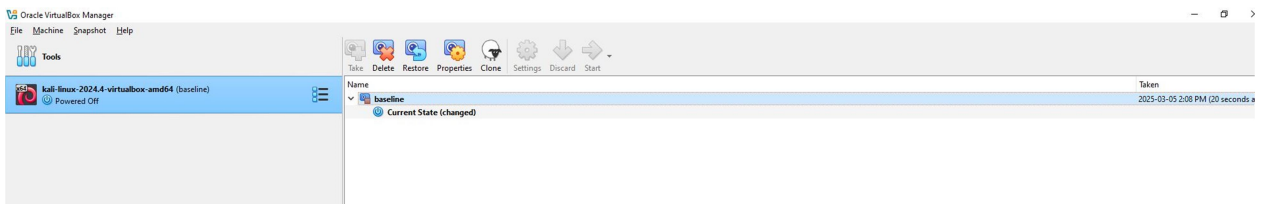
File in transit hasn't been changed since both Hashes matched

- 3) We installed VirtualBox and we need to install the operating systems we'll be using in our virtual machine. I've chosen to use KaliLinux([www.Kali.org](http://www.Kali.org)) to be our attacker machine and Windows for the Blue Team

#### 4) We add the OS into our VM manager and boot it



#### 5) Before proceeding we'll be creating snapshots before we start breaking things. Creating a moment in time backup will allow us to reset to the original state after we've injected a malware into our machine



#### 6) Now we'll be installing windows for our 2<sup>nd</sup> VM machine (<https://www.microsoft.com/en-ca/software-download/windows10>).

#### 7) After installation we configure our new VM machine. Hardware to 4GB, Processor to 1 CPU and for the Virtual Hard Disk I'll leave it at 50GB

