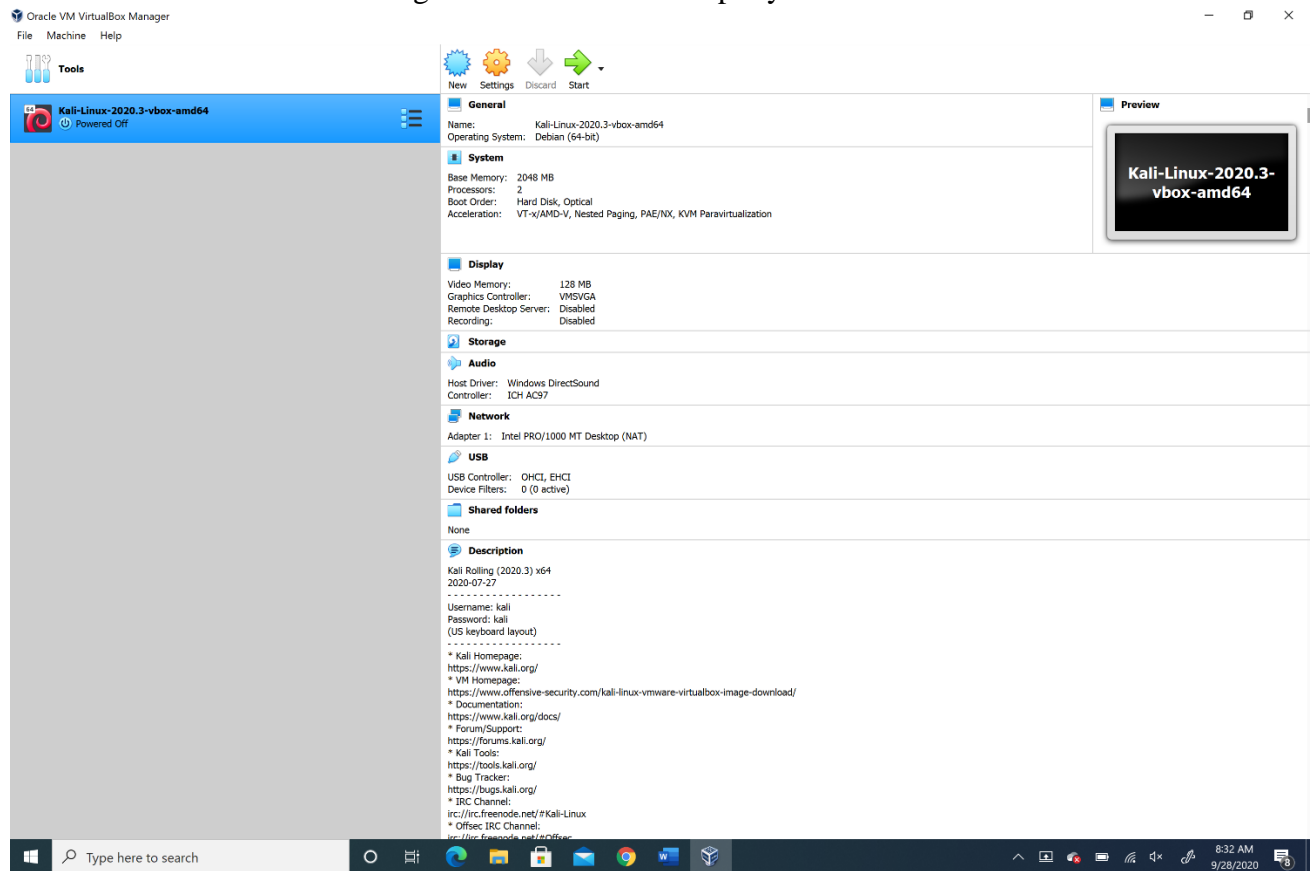Project-01: Pentest Lab Setup

1. Here is a screenshot of my configuration details for my Virtual Machine for Kali Linux. I utilized VirtualBox for this assignment in order to set up my VM.

2. The version of Kali Linux that I am utilizing is Kali-Linux-2020.3. The above screenshot also displays that.

3. The IP address for my VM is 10.0.2.15. I got this by running the sudo ifconfig command as displayed below.
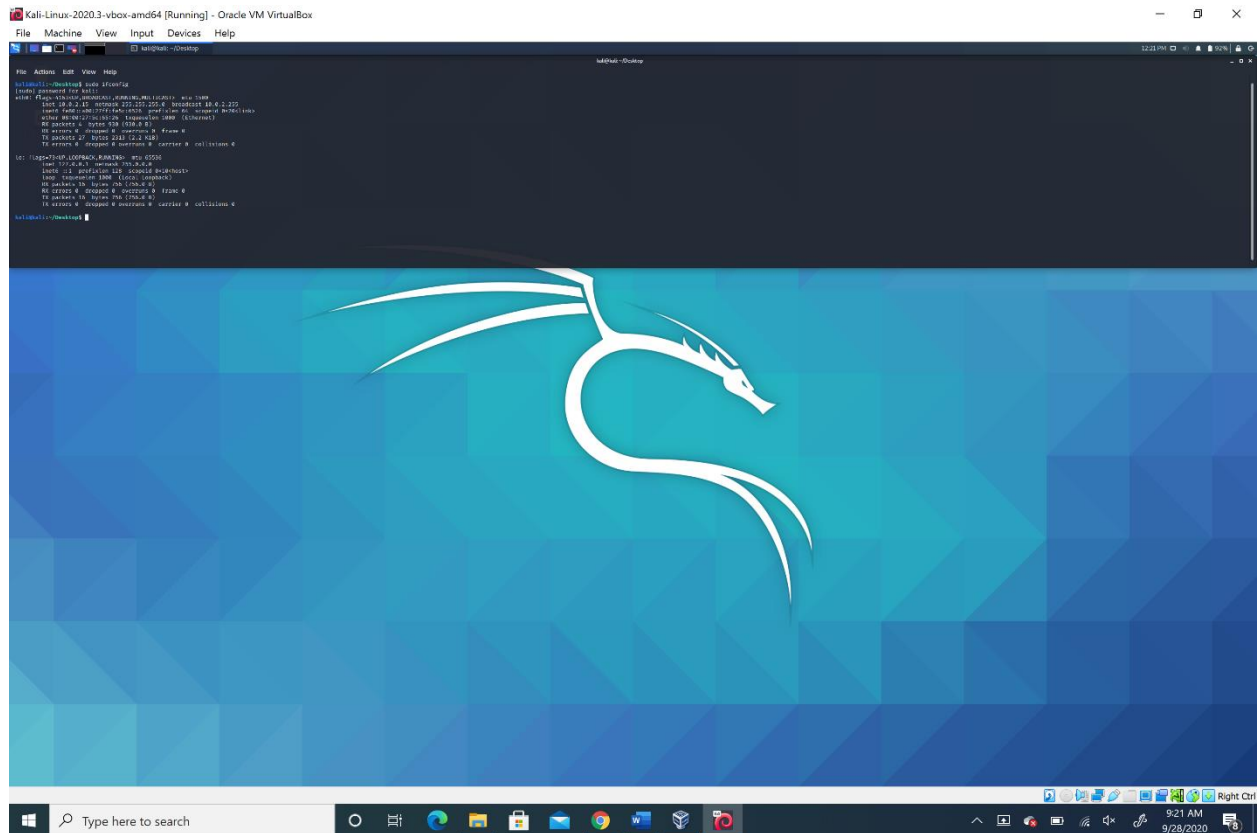
4. The IP address of my router is 10.0.2.2. according to the screenshot below. I found this by looking at the gateway number by running netstat -rn.
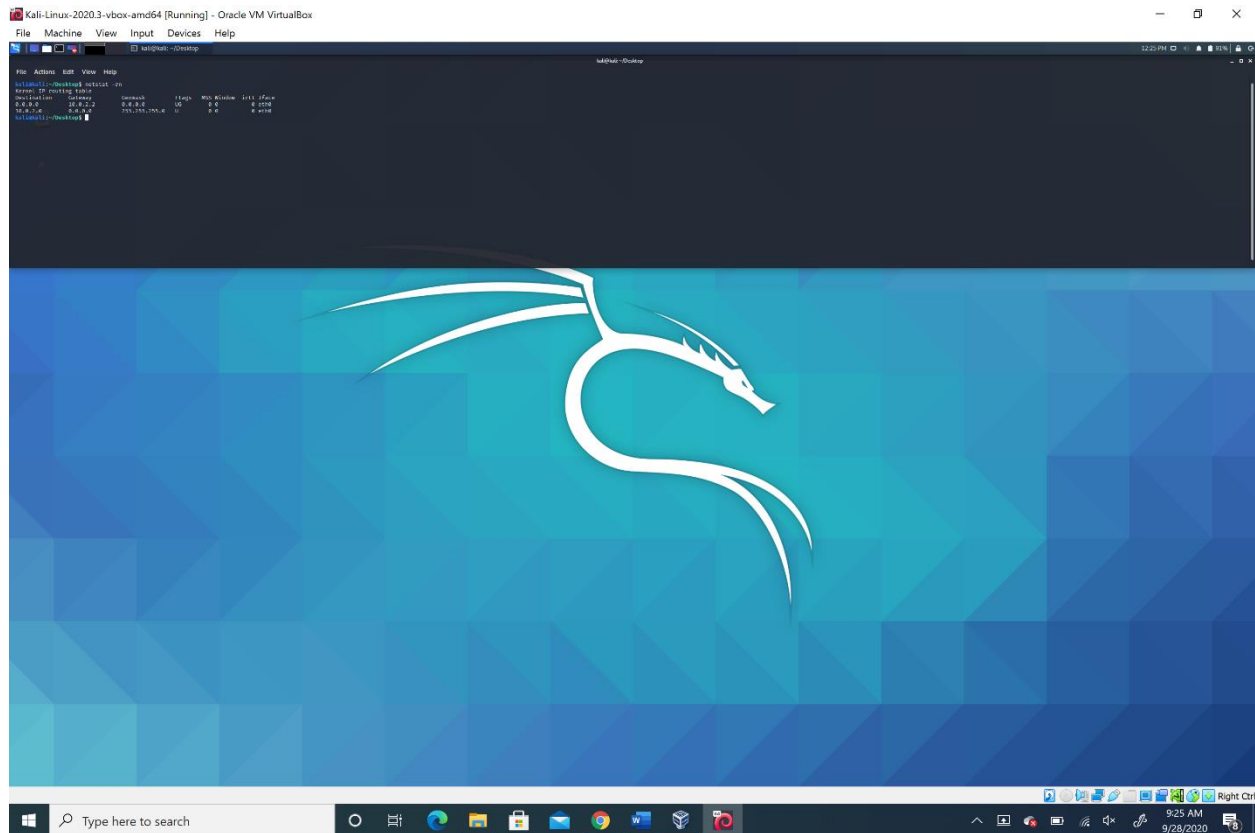
5. The IP address for www.uat.edu is 92.242.140.2 as displayed below. I got this by utilizing the command "host https://www.uat.edu."
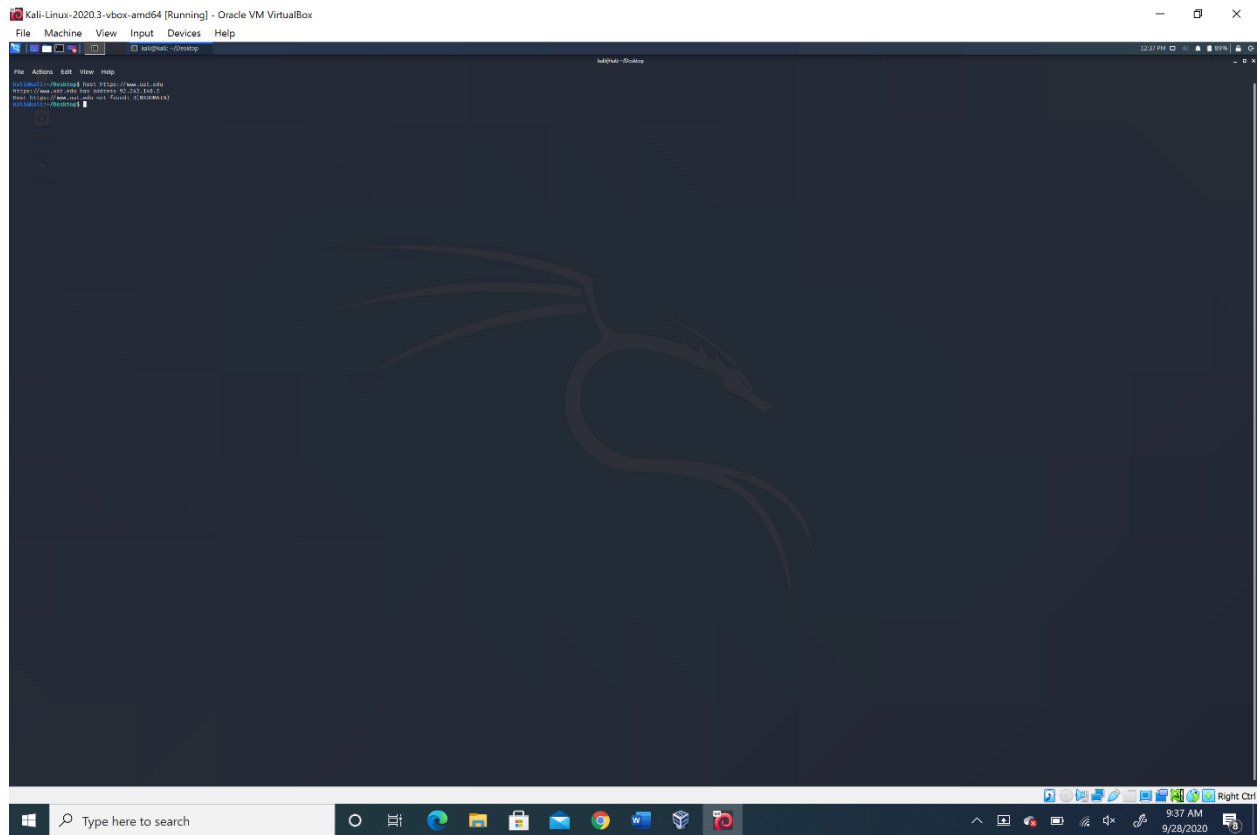
6. There were no new packages that needed to be updated or upgraded when I utilized the command "sudo apt update && sudo apt full-upgrade since all packages were already installed.
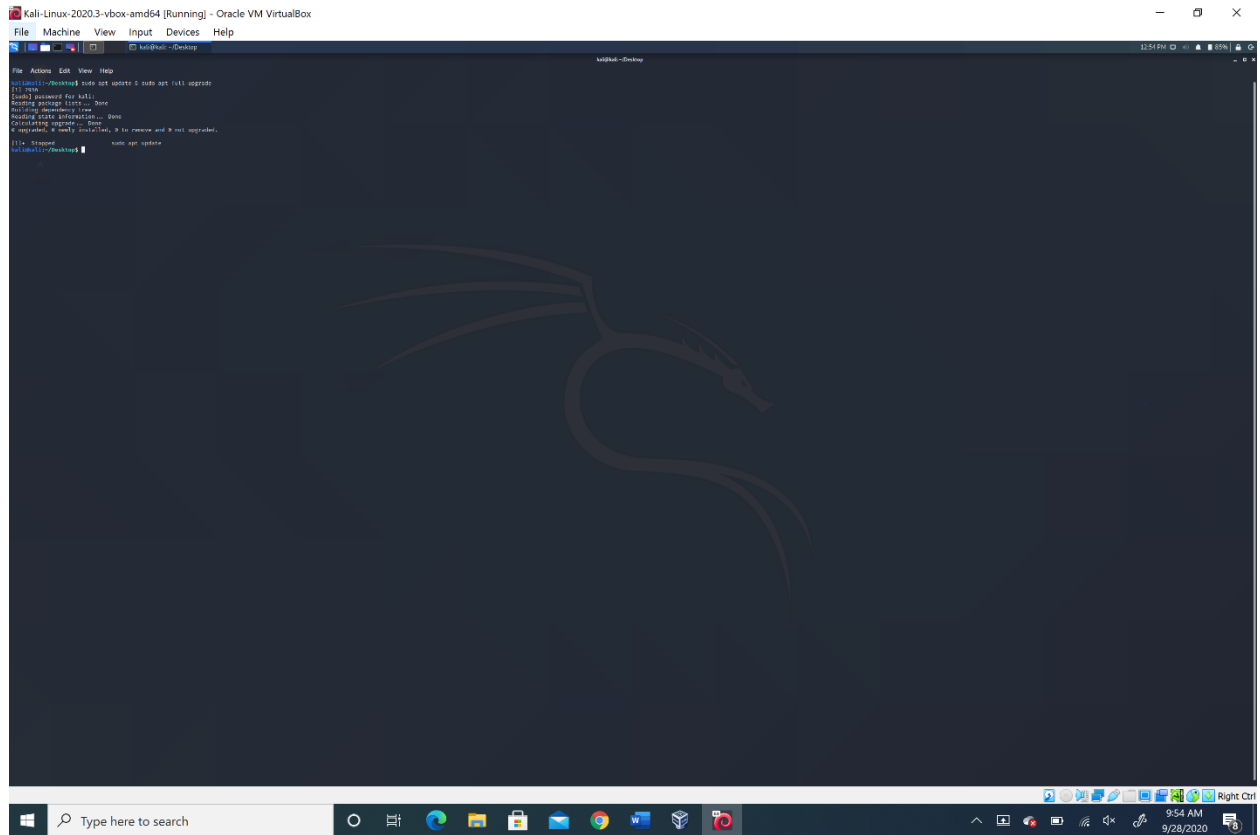
7. The server type of uat.edu is nginx according to the output of the command. The command that I utilized to get my result was curl -v http://www.uat.edu 2>&1 | tee uat-output-20180509-1752.txt.

File Machine View Input Devices Help

```
kali@kali:~/Desktop$ curl -v http://www.uoit.edu 2>&1 | tee uoit output-20180909-1752.txt
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0*   Trying 104.196.240.200:80 ...
* TCP_NODELAY set
* Connected to www.uoit.edu (104.196.240.200) port 80 (#0)
> GET / HTTP/1.1
> Host: www.uoit.edu
> User-Agent: curl/7.71.0
> Accept: */*
>
  0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0* Mark bundle as not supporting multiuse
< HTTP/1.1 301 Moved Permanently
< Server: nginx
< Date: Mon, 28 Sep 2020 17:00:30 GMT
< Content-Type: text/html
< Content-Length: 162
< Connection: keep-alive
< Location: https://www.uoit.edu/
<
{ [162 bytes data]
100   162  100   162    0     0    513      0 --:--:-- --:--:-- --:--:--   513
* Connection #0 to host www.uoit.edu left intact
<html>
<head><title>301 Moved Permanently</title></head>
<body>
<center><h1>301 Moved Permanently</h1></center>
<hr><center>nginx</center>
</body>
</html>
kali@kali:~/Desktop$
```