Kali Linux in the cloud AWS

AWS provides a free tier where you can keep a virtual machine in the cloud for 12 months for totally free.

It does require your credit card details for verification but the service is totally free

Having a Kali in the cloud is beneficial as you can perform your attacks from a remote location without providing your actual location

Aim

1

- Launch an EC2 Instance with Kali

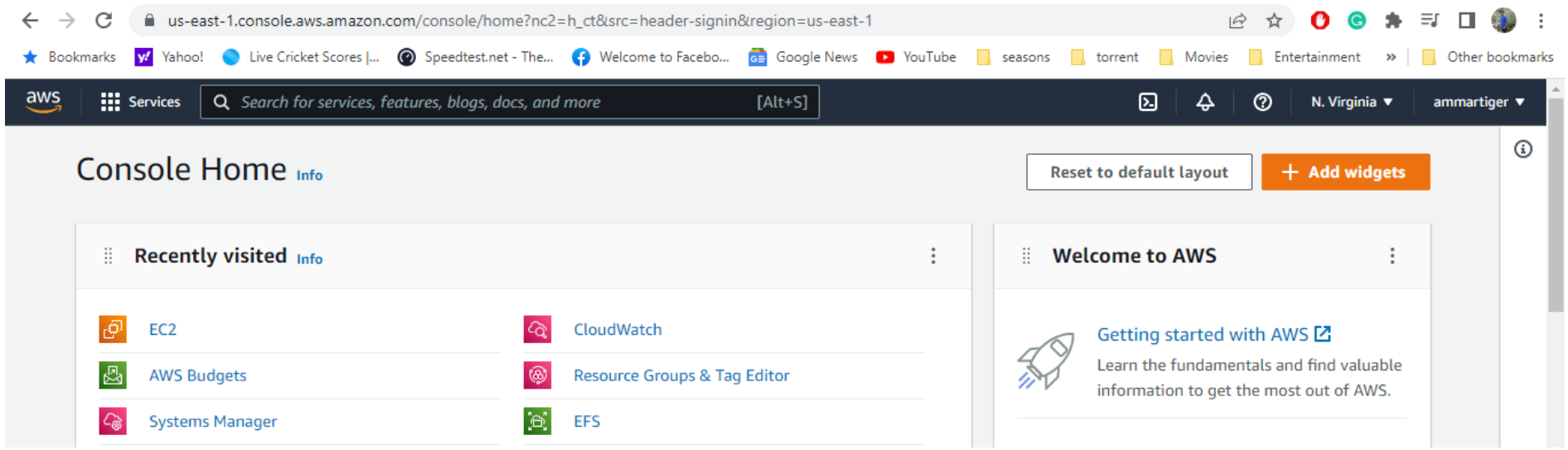
2

- Install GUI on Kali EC2

Step- 1

- Launch an EC2 Instance

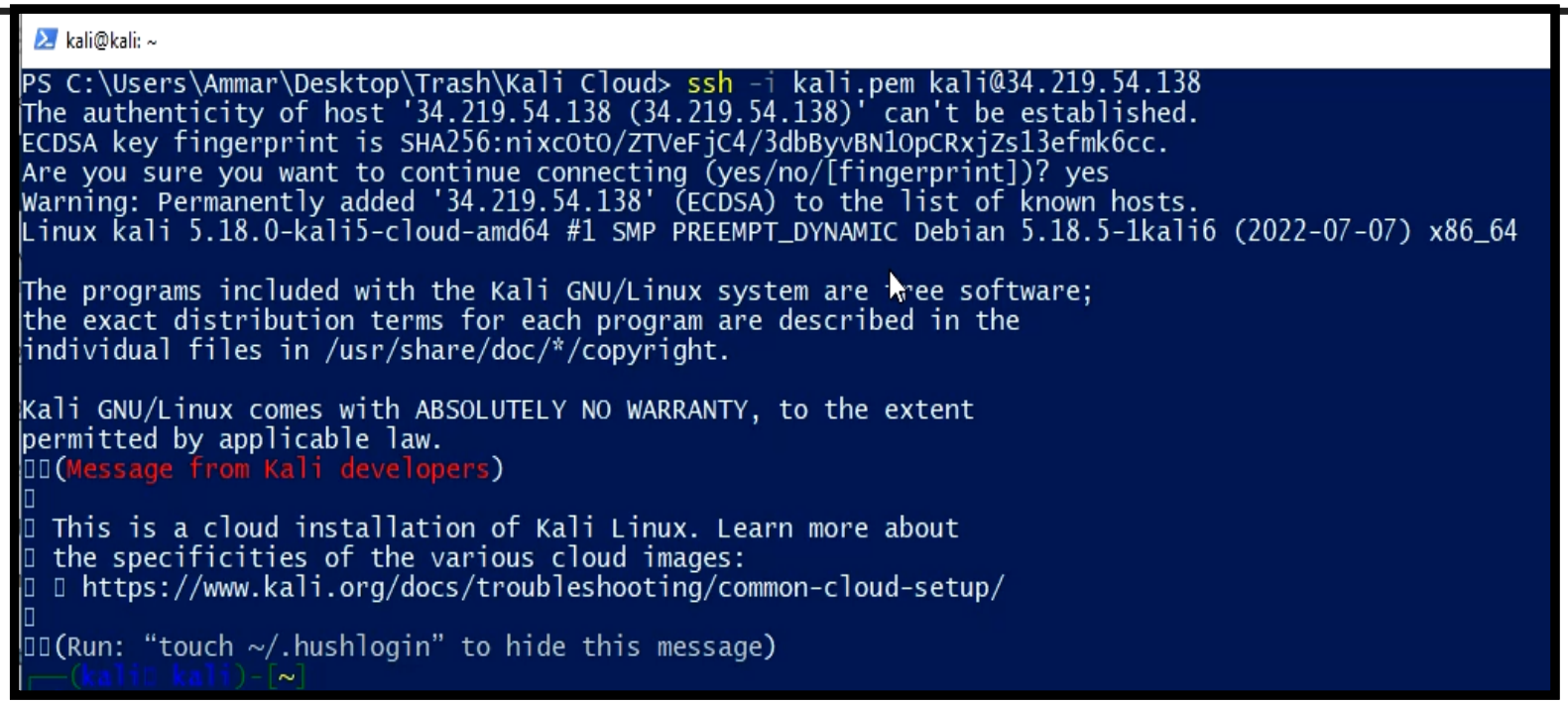
https://aws.amazon.com/



Step- 2

- SSH to your Kali instance

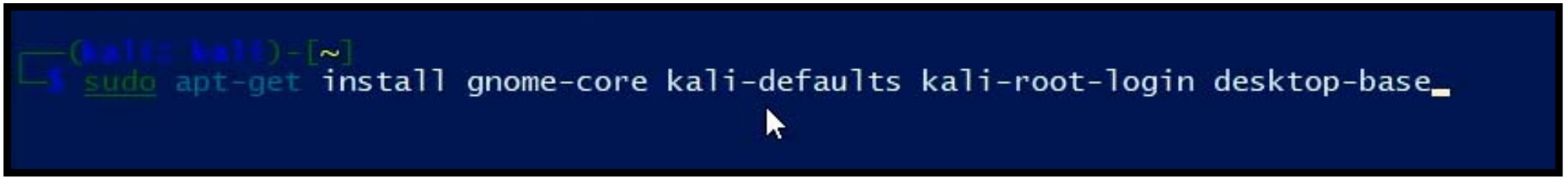
```
ssh -i "kali2.pem" kali@34.219.54.138
```



Step- 2

- Install the desktop Environment and tightVNC server

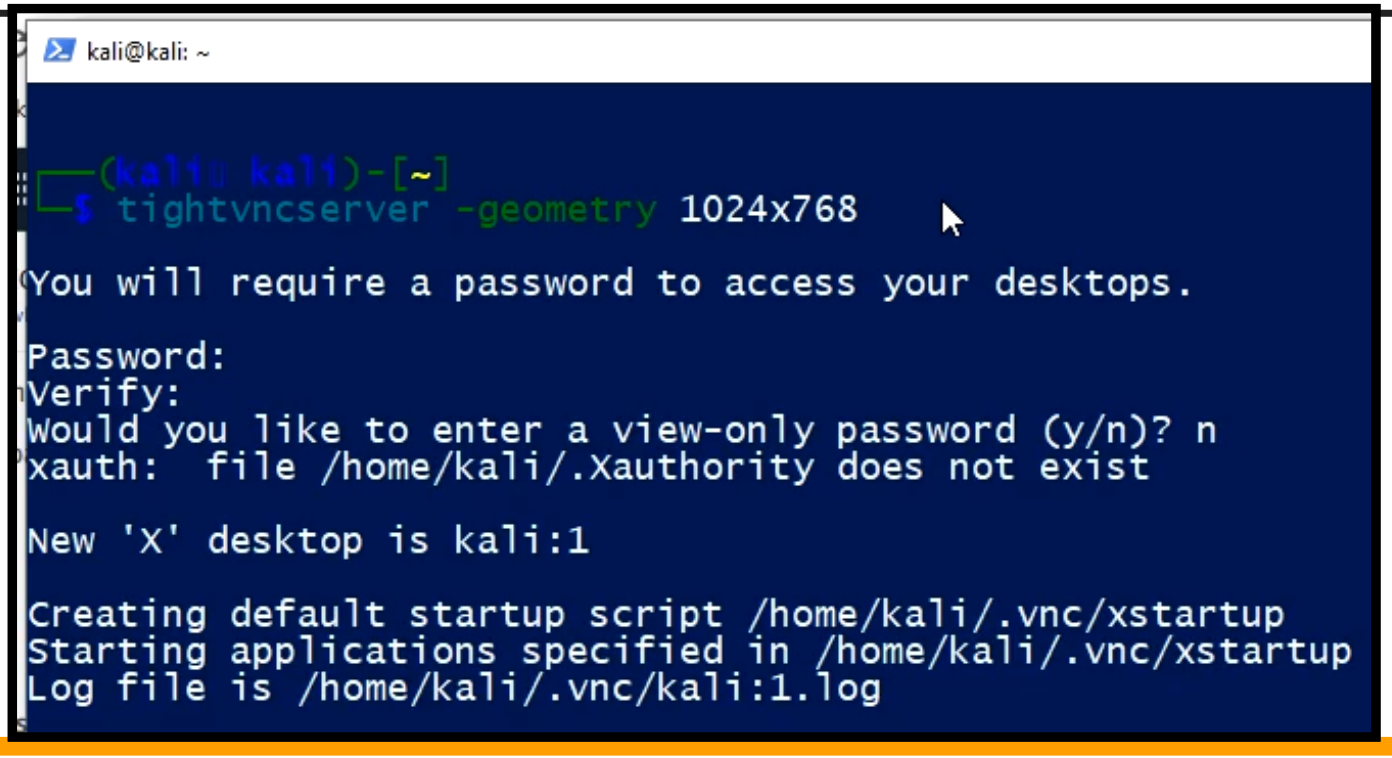
- ✓ sudo apt-get install xfce4 xfce4-goodies tightvncserver
- ✓ sudo apt-get install gnome-core kali-defaults kali-root-login desktop-base



Step- 3

- Setup the tightvnc server geometry

```
tightvncserver -geometry 1024x768
```



Step- 4

- Check whether tightvnc is running

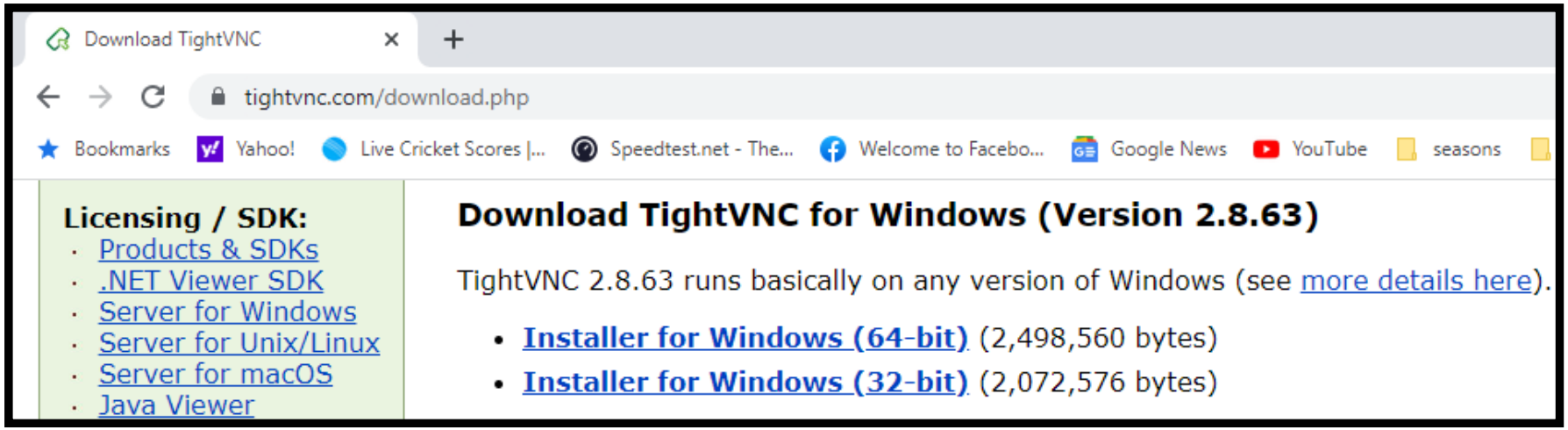
```
netstat -tulpn
```

```
┌──(kali㉿kali)-[~]
└─$ netstat -tulpn
(Not all processes could be identified, non-owned process info
 will not be shown, you would have to be root to see it all.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:22              0.0.0.0:*               LISTEN      -
tcp        0      0 0.0.0.0:6001            0.0.0.0:*               LISTEN      22672/Xtightvnc
tcp        0      0 0.0.0.0:5901            0.0.0.0:*               LISTEN      22672/Xtightvnc
tcp6       0      0 :::22                   :::*                    LISTEN      -
udp        0      0 0.0.0.0:68              0.0.0.0:*                           -
udp6       0      0 fe80::c2:8eff:fe6a::546 :::*                                -
```

Step- 5

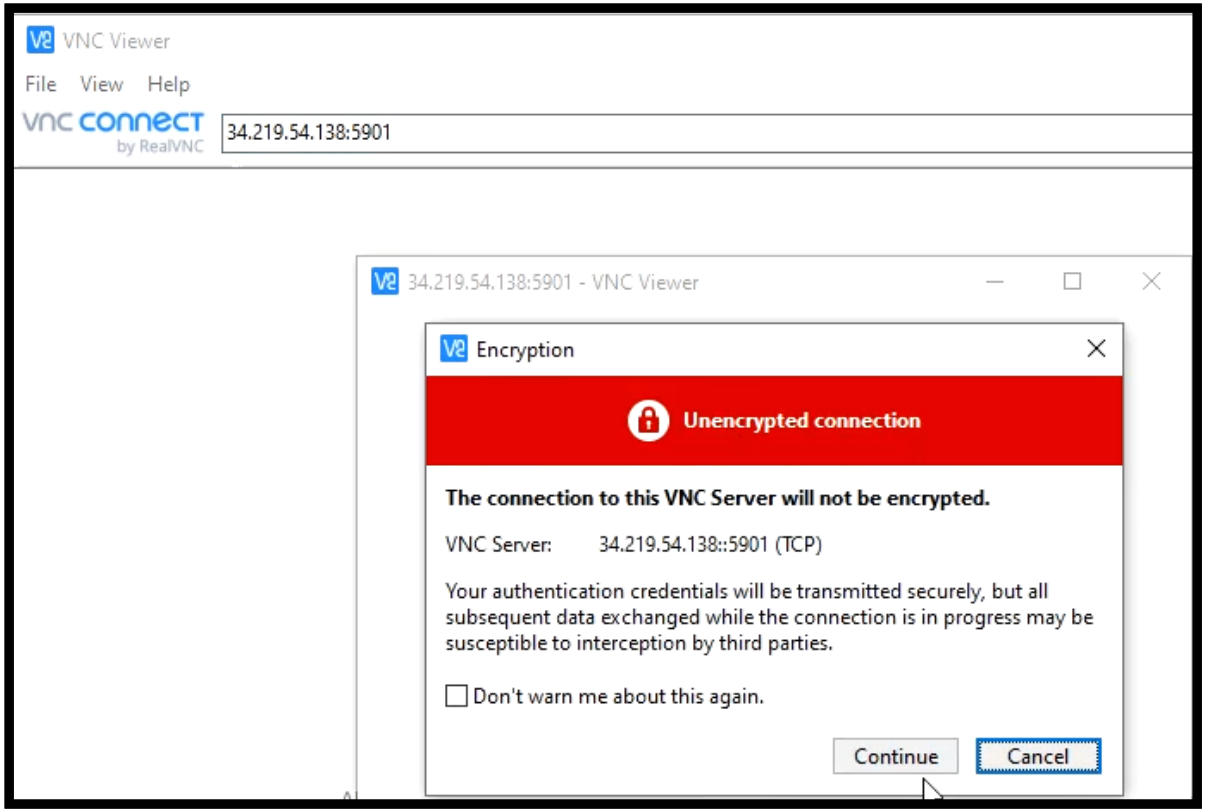
- Download tight VNC client for windows

https://www.tightvnc.com/download.php



Step- 6

- Open VNC client, Provide your Kali IP and Port and connect to it



DEMO

THANKS