

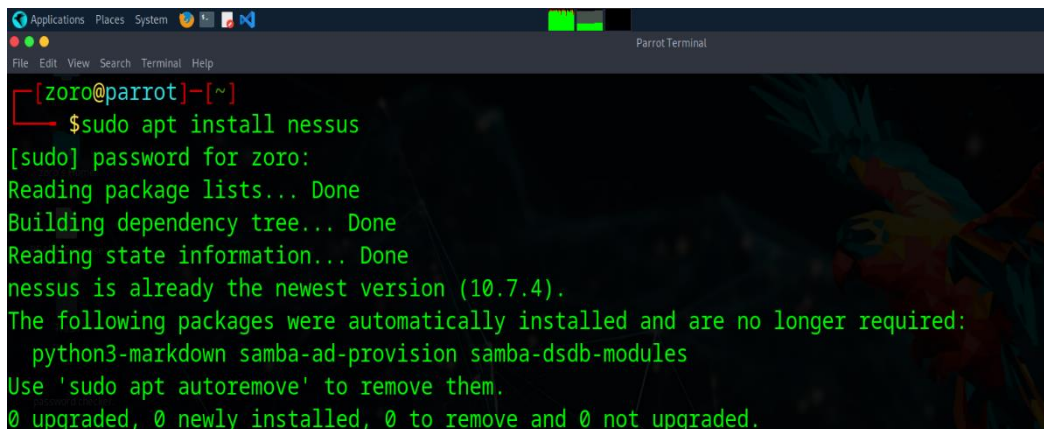
# CYBER SECURITY AND ETHICAL HACKING

## TASK – 2

### WEB APPLICATION PENETRATION TESTING

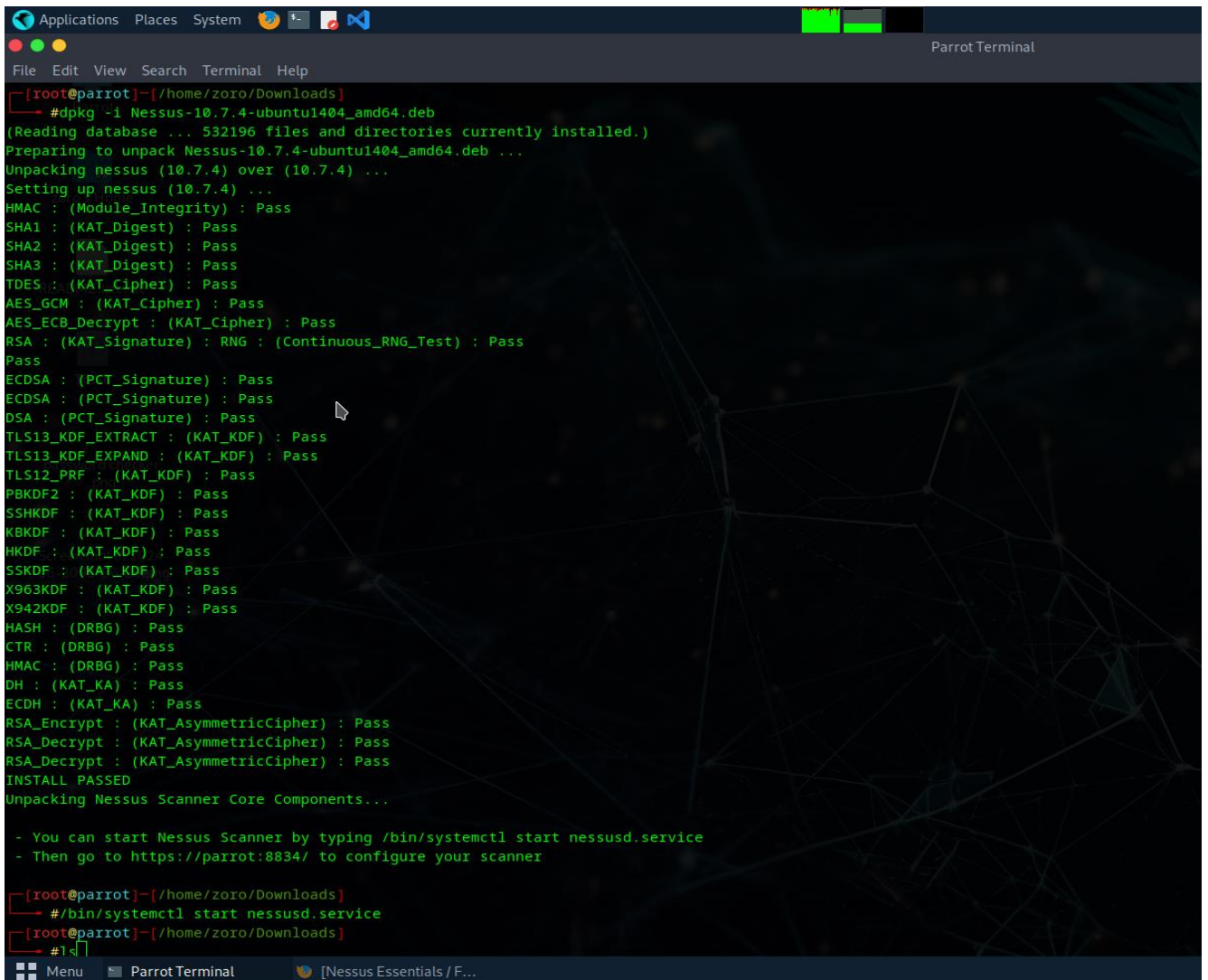
Using “NESSUS” TOOL.

**Step-1:** Install Nessus in your operating system.



```
[zoro@parrot]~$ sudo apt install nessus
[sudo] password for zoro:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
nessus is already the newest version (10.7.4).
The following packages were automatically installed and are no longer required:
  python3-markdown samba-ad-provision samba-dsdb-modules
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
```

## Step-2: Download Nessus in the terminal



```
[root@parrot]~/home/zoro/Downloads
#dpkg -i Nessus-10.7.4-ubuntu1404_amd64.deb
(Reading database ... 532196 files and directories currently installed.)
Preparing to unpack Nessus-10.7.4-ubuntu1404_amd64.deb ...
Unpacking nessus (10.7.4) over (10.7.4) ...
Setting up nessus (10.7.4) ...
HMAC : (Module_Integrity) : Pass
SHA1 : (KAT_Digest) : Pass
SHA2 : (KAT_Digest) : Pass
SHA3 : (KAT_Digest) : Pass
TDES : (KAT_Cipher) : Pass
AES_GCM : (KAT_Cipher) : Pass
AES_ECB_Decrypt : (KAT_Cipher) : Pass
RSA : (KAT_Signature) : RNG : (Continuous_RNG_Test) : Pass
Pass
ECDSA : (PCT_Signature) : Pass
ECDSA : (PCT_Signature) : Pass
DSA : (PCT_Signature) : Pass
TLS13_KDF_EXTRACT : (KAT_KDF) : Pass
TLS13_KDF_EXPAND : (KAT_KDF) : Pass
TLS12_PRF : (KAT_KDF) : Pass
PBKDF2 : (KAT_KDF) : Pass
SSHKDF : (KAT_KDF) : Pass
KDKDF : (KAT_KDF) : Pass
HKDF : (KAT_KDF) : Pass
SSKDF : (KAT_KDF) : Pass
X963KDF : (KAT_KDF) : Pass
X942KDF : (KAT_KDF) : Pass
HASH : (DRBG) : Pass
CTR : (DRBG) : Pass
HMAC : (DRBG) : Pass
DH : (KAT_KA) : Pass
ECDH : (KAT_KA) : Pass
RSA_Encrypt : (KAT_AsymmetricCipher) : Pass
RSA_Decrypt : (KAT_AsymmetricCipher) : Pass
RSA_Decrypt : (KAT_AsymmetricCipher) : Pass
INSTALL PASSED
Unpacking Nessus Scanner Core Components...

- You can start Nessus Scanner by typing /bin/systemctl start nessusd.service
- Then go to https://parrot:8834/ to configure your scanner

[root@parrot]~/home/zoro/Downloads
#bin/systemctl start nessusd.service
[root@parrot]~/home/zoro/Downloads
#ls
```

**Step -3:** start Nessus to run the service, after that open the link “<https://parrot:8834/>”