João Victor da Silva Ferreira | Informática - P8

1) Instalar o Openssh server em uma máquina virtual Linux;

Instalação do Open Server SSH

Iniciando o Open Server SSH

Verificando se o Open Server SSH está instalado

2) Criar um par de chaves (Publica/Privada);


```
administrador@joaovictor-server:~$ ssh-keygen -b 2048
Generating public/private rsa key pair.

Enter file in which to save the key (/home/administrador/.ssh/id_rsa): /home/administrador/.ss
Overwrite (y/n)? y
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/administrador/.ssh/id_rsa
Your public key has been saved in /home/administrador/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:AmC4o1vjH0cbHInF0FHCJema+PLZRr/+giGLB6ckAYc administrador@joaovictor-server
The key's randomart image is:
+---[RSA 2048]----+
|  oo .===o       |
|E... o=+         |
|.o  o.o          |
|+    o..         |
|.o . o= S        |
|o * =.o+         |
| * B.+o+         |
|. = +=o o        |
|   =+...o+.      |
+----[SHA256]-----+
```

3) Copiar a chave pública em uma máquina virtual que está executando o Open-SSH Server;

A atividade foi feita com duas máquinas virtuais diferentes, com IPs diferentes, mas no mesmo PC, com Windows

administrador@joaovictor-server – Máquina virtual principal que fará a conexão
IP de administrador@joaovictor-server – **10.0.0.106**


```
administrador@joaovictor-server: ~
administrador@joaovictor-server:~$ ifconfig
docker0: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        inet 172.17.0.1  netmask 255.255.0.0  broadcast 172.17.255.255
        ether 02:42:4a:12:14:c0  txqueuelen 0  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.0.0.106  netmask 255.255.255.0  broadcast 10.0.0.255
        inet6 fe80::cfc5:6d83:5ce6:3f73  prefixlen 64  scopeid 0x20<link>
        ether 08:00:27:37:e8:94  txqueuelen 1000  (Ethernet)
        RX packets 131019  bytes 182145378 (182.1 MB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 21942  bytes 1852385 (1.8 MB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

administrador@teste-server – Máquina virtual secundária que será acessada
IP de administrador@teste-server – **10.0.0.107**

Copiando a chave pública para teste-server (10.0.0.107)

Acessando teste-server (10.0.0.107)


```
administrador@joaovictor-server:~$ ssh administrador@10.0.0.107
Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.13.0-44-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

0 updates can be applied immediately.


The list of available updates is more than a week old.
To check for new updates run: sudo apt update
Failed to connect to https://changelogs.ubuntu.com/meta-release-lts. Check yo
ur Internet connection or proxy settings

Your Hardware Enablement Stack (HWE) is supported until April 2025.
administrador@teste-server:~$
```