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Atividade 6 – SSH

Ativando o SSH no Linux e verificando status do serviço:

```
qui, 09:37
felpex@felpex-VirtualBox: ~
Arquivo Editar Ver Pesquisar Terminal Ajuda
felpex@felpex-VirtualBox:~$ sudo systemctl start ssh.service
[sudo] senha para felpex:
felpex@felpex-VirtualBox:~$ sudo systemctl status ssh.service
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enab
   Active: active (running) since Thu 2022-11-10 09:28:45 -03; 7min ago
     Process: 957 ExecReload=/bin/kill -HUP $MAINPID (code=exited, status=0/SUCCESS
     Process: 953 ExecReload=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
     Process: 785 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
    Main PID: 798 (sshd)
       Tasks: 1 (limit: 3529)
      CGroup: /system.slice/ssh.service
              └─798 /usr/sbin/sshd -D

nov 10 09:28:46 felpex-VirtualBox systemd[1]: Reloading OpenBSD Secure Shell se
nov 10 09:28:46 felpex-VirtualBox sshd[798]: Received SIGHUP; restarting.
nov 10 09:28:46 felpex-VirtualBox systemd[1]: Reloaded OpenBSD Secure Shell ser
nov 10 09:28:46 felpex-VirtualBox sshd[798]: Server listening on 0.0.0.0 port 2
nov 10 09:28:46 felpex-VirtualBox sshd[798]: Server listening on :: port 22.
nov 10 09:28:47 felpex-VirtualBox systemd[1]: Reloading OpenBSD Secure Shell se
nov 10 09:28:47 felpex-VirtualBox sshd[798]: Received SIGHUP; restarting.
nov 10 09:28:47 felpex-VirtualBox systemd[1]: Reloaded OpenBSD Secure Shell ser
nov 10 09:28:47 felpex-VirtualBox sshd[798]: Server listening on 0.0.0.0 port 2
nov 10 09:28:47 felpex-VirtualBox sshd[798]: Server listening on :: port 22.
lines 1-21/21 (END)...skipping...
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enab
   Active: active (running) since Thu 2022-11-10 09:28:45 -03; 7min ago
     Process: 957 ExecReload=/bin/kill -HUP $MAINPID (code=exited, status=0/SUCCESS
     Process: 953 ExecReload=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
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```

Criação das Chaves:

```
Linux [Executando] - Oracle VM VirtualBox
Atividades Terminal
Prompt de Comando
Microsoft Windows [versão 10.0.19045.2130]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\Felipe>ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (C:\Users\Felipe\.ssh\id_rsa):
Created directory 'C:\Users\Felipe\.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in C:\Users\Felipe\.ssh\id_rsa.
Your public key has been saved in C:\Users\Felipe\.ssh\id_rsa.pub.
The key fingerprint is:
SHA256:9zA1G1SKM2geQ/102BAZATNS7f3G7UQktn92oom felpex@felpex
The key's randomart image is:
+--[RSA 3072]-----
|
|  =O+ +O+
| o  =+ +O +
| .  + S +
| o  + +
| .. + ..
| E .+ +
|
+-----[SHA256]-----

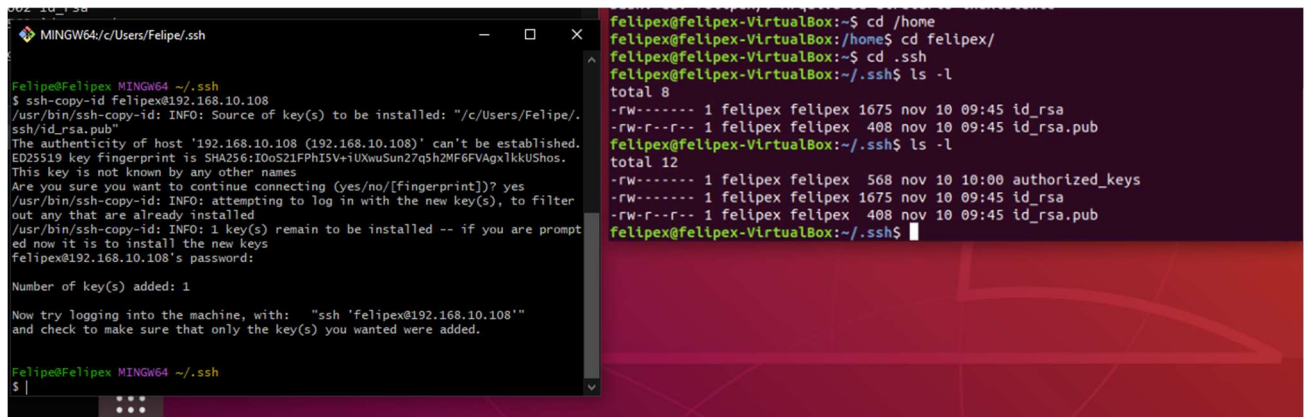
C:\Users\Felipe>

felpex@felpex-VirtualBox:~$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/felpex/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/felpex/.ssh/id_rsa.
Your public key has been saved in /home/felpex/.ssh/id_rsa.pub.
The key fingerprint is:
SHA256:XsoVZeh4p4e3HeHtznKNGHT/Y+ZbRwBwozFRHQ felpex@felpex-VirtualBox
The key's randomart image is:
+--[RSA 2048]-----
|
| . =*
| . =E.
| o o . o o .
| + o o . + o
| . +So+ . +.
| . o.o+...o+
| . + o + + o o
| ... ..+ o o
| .o. oo...
|
+-----[SHA256]-----

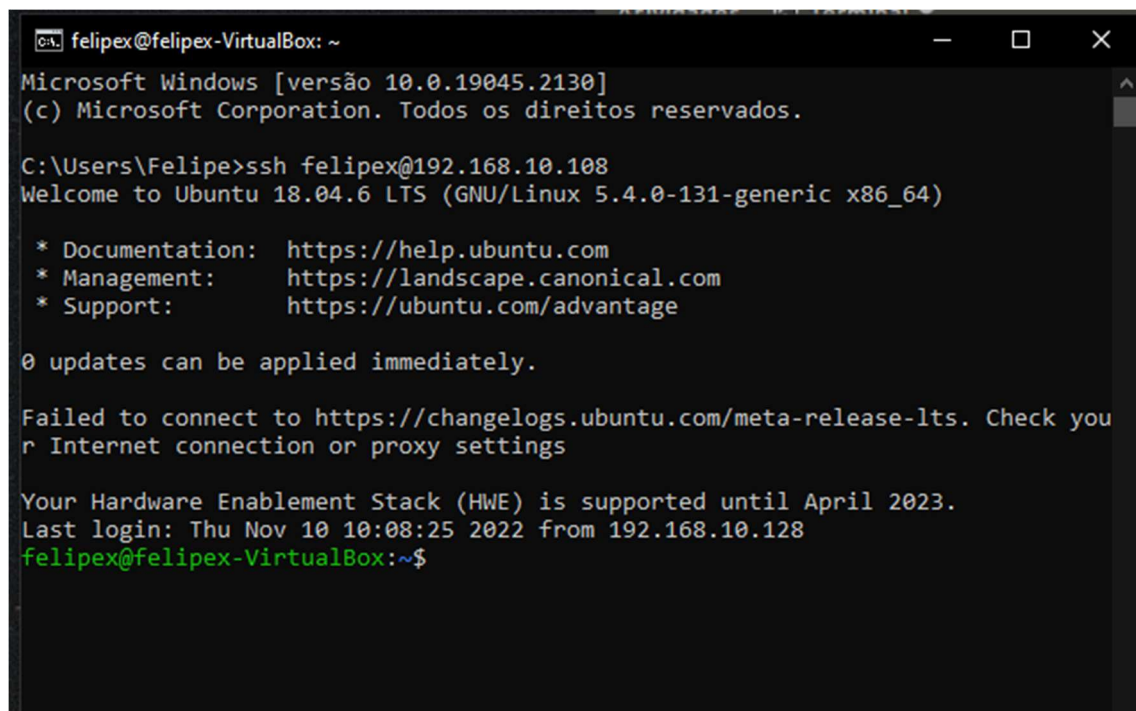
felpex@felpex-VirtualBox:~$
```

Verificando chaves e copiando as chaves criadas:

```
bash: cd: felipex/: Arquivo ou diretório inexistente
felipex@felipex-VirtualBox:~$ cd /home
felipex@felipex-VirtualBox:/home$ cd felipex/
felipex@felipex-VirtualBox:~$ cd .ssh
felipex@felipex-VirtualBox:~/.ssh$ ls -l
total 8
-rw----- 1 felipex felipex 1675 nov 10 09:45 id_rsa
-rw-r--r-- 1 felipex felipex 408 nov 10 09:45 id_rsa.pub
felipex@felipex-VirtualBox:~/.ssh$
```



Realizando conexões através do CMD com a chave criada:



Realizando conexão através do Putty:

