

Avaliação-06

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Instalar um SSH Server e um SSH Client

```
laraeantonia@lara-virtualbox: ~  
Arquivo  Ações  Editar  Exibir  Ajuda  
laraeantonia@lara-virtualbox: ~  
A processar 'triggers' para libc-bin (2.31-0ubuntu9.9) ...  
laraeantonia@lara-virtualbox:~$ sudo apt install openssh-server  
[sudo] senha para laraeantonia:  
Sinto muito, tente novamente.  
[sudo] senha para laraeantonia:  
Lendo listas de pacotes... Pronto  
Construindo árvore de dependências  
Lendo informação de estado... Pronto  
Os seguintes pacotes foram instalados automaticamente e já não são necessário  
s:  
  libfwupdplugin1 libxmlb1  
Utilize 'sudo apt autoremove' para os remover.  
Os pacotes adicionais seguintes serão instalados:  
  ncurses-term openssh-sftp-server ssh-import-id  
Pacotes sugeridos:  
  molly-guard monkeysphere  
Os NOVOS pacotes a seguir serão instalados:  
  ncurses-term openssh-server openssh-sftp-server ssh-import-id  
0 pacotes atualizados, 4 pacotes novos instalados, 0 a serem removidos e 0 nã  
o atualizados.  
É preciso baixar 688 kB de arquivos.  
Depois desta operação, 6.010 kB adicionais de espaço em disco serão usados.  
Você quer continuar? [S/n] S  
Obter:1 http://archive.ubuntu.com/ubuntu focal/main amd64 ncurses-term all 6.  
laraeantonia@lara-virtualbox: ~ 21:50
```

1) Criando as Chaves Pública e Privada.

```
laraeantonia@lara-virtualbox: ~  
Arquivo  Ações  Editar  Exibir  Ajuda  
laraeantonia@lara-virtualbox: ~  
Enter passphrase (empty for no passphrase):  
Enter same passphrase again:  
Passphrases do not match. Try again.  
Enter passphrase (empty for no passphrase):  
Enter same passphrase again:  
Your identification has been saved in /home/laraeantonia/.ssh/id_rsa  
Your public key has been saved in /home/laraeantonia/.ssh/id_rsa.pub  
The key fingerprint is:  
SHA256:4mtp1hPs1cGVptEpamwst+ardhMnpA28h9wQ/67lX8w laraeantonia@lara-virtualb  
ox  
The key's randomart image is:  
+----[RSA 3072]-----+  
| . o |  
| . o * |  
| . = o * |  
| = X + |  
| .oS# + . |  
| .B X + o |  
| .+ * =. E |  
| =. +o. . |  
| +...+o+... |  
+----[SHA256]-----+  
laraeantonia@lara-virtualbox:~$
```

2) Copiar a chave Pública no SSH Server.

```
laraeantonia@lara-virtualbox: ~  
  
laraeantonia@lara-virtualbox:~$ ssh-copy-id laraeantonia@localhost  
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/laraeantonia/.ssh/id_rsa.pub"  
The authenticity of host 'localhost (::1)' can't be established.  
ECDSA key fingerprint is SHA256:d7yRSWefUFSaQeR353rXX3EaKDJGsIOzVsueTGL7P6Y.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? a@lara-virtualbox:~$ ssh-copy-id laraeantonia@localhost  
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/laraeantonia/.ssh/id_rsa.pub"  
Please type 'yes', 'no' or the fingerprint: yes  
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed  
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys  
laraeantonia@localhost's password:  
Permission denied, please try again.  
laraeantonia@localhost's password:  
  
Number of key(s) added: 1  
  
Now try logging into the machine, with: "ssh 'laraeantonia@localhost'"  
and check to make sure that only the key(s) you wanted were added.
```

3) Fazer um login remoto a partir do SSH Client para um SSH Server.

```
laraeantonia@DESKTOP-P862HGT: ~  
login as: laraeantonia  
laraeantonia@163.11.120.157's password:  
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.10.102.1-microsoft-standard-WSL2 x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:       https://ubuntu.com/advantage  
  
System information as of Wed Nov  2 14:52:37 -03 2022  
  
System load:  0.02          Processes:    19  
Usage of /:   0.6% of 250.96GB   Users logged in:  0  
Memory usage: 3%             IPv4 address for eth0: 163.11.120.157  
Swap usage:   0%  
  
0 updates can be applied immediately.  
New release '22.04.1 LTS' available.  
Run 'do-release-upgrade' to upgrade to it.  
  
laraeantonia@DESKTOP-P862HGT:~$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500  
    inet 163.11.120.157  netmask 255.255.240.0  broadcast 163.11.123.255  
    inet6 fe80::215:5dfff:fe70:ed9c  prefixlen 64  scopeid 0x20<link>  
    ether 90:15:5d:70:ed:9c  txqueuelen 1000  (Ethernet)  
    RX packets 5568  bytes 7291145 (7.2 MB)  
    RX errors 0  dropped 0  overruns 0  frame 0  
    TX packets 2240  bytes 156668 (156.6 KB)  
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536  
    inet 127.0.0.1  netmask 255.0.0.0  
    inet6 ::1  prefixlen 128  scopeid 0x10<host>  
    loop txqueuelen 1000  (Local Loopback)  
    RX packets 299  bytes 52142 (52.1 KB)  
    RX errors 0  dropped 0  overruns 0  frame 0  
    TX packets 299  bytes 52142 (52.1 KB)  
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0  
  
laraeantonia@DESKTOP-P862HGT:~$
```