Atvidade 02 : dupla Edvan e Marília

Instalar o Open-SSH.

```
teste1@teste1:~$ sudo apt-get install openssh-server
Lendo listas de pacotes... Pronto
Construindo árvore de dependências... Pronto
Lendo informação de estado... Pronto
The following additional packages will be installed:
  libssl3 openssh-client openssh-sftp-server openssl
Pacotes sugeridos:
  keychain libpam-ssh monkeysphere ssh-askpass molly-guard
Os NOVOS pacotes a seguir serão instalados:
  openssh-server openssh-sftp-server
Os pacotes a seguir serão atualizados:
  libssl3 openssh-client openssl
3 pacotes atualizados, 2 pacotes novos instalados, 0 a serem removidos e 397 não
 atualizados.
É preciso baixar 4.965 kB de arquivos.
Depois desta operação, 2.237 kB adicionais de espaço em disco serão usados.
Você quer continuar? [S/n] S
Obter:1 https://deb.debian.org/debian bookworm/main amd64 libssl3 amd64 3.0.15-1
~deb12u1 [2.025 kB]
Obter:2 https://deb.debian.org/debian bookworm/main amd64 openssh-client amd64 1
:9.2p1-2+deb12u3 [991 kB]
Obter:3 https://deb.debian.org/debian bookworm/main amd64 openssh-sftp-server am
d64 1:9.2p1-2+deb12u3 [65,8 kB]
Obter:4 https://deb.debian.org/debian bookworm/main amd64 openssh-server amd64 1
```

Gerar chaves Publica e Privada. Copiar a Chave Publica no Linux. Mostrar a chave copiada no diretório do Linux.

```
teste1@teste1:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/teste1/.ssh/id_rsa):
Created directory '/home/teste1/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/teste1/.ssh/id_rsa
Your public key has been saved in /home/teste1/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:nJUFLDhpibyfIF5ZarNBl5+BvC3AV4gZ6vGpoxklUXs teste1@teste1
The key's randomart image is:
+---[RSA 3072]----+
|   .o.* O.....   |
| . oO # o .o     |
|. +.EX = +o      |
| o.+X.o.+o       |
|..o+o* oS        |
| o... o          |
|. o              |
| + .             |
|o                |
+----[SHA256]-----+
teste1@teste1:~$
```

```
teste1@teste1:~$ cat /home/teste1/ .ssh/id_rsa.pub
cat: /home/teste1/: É um diretório
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQC5hcBwysTRl8g4SS7PgIuDKit7a6KYSzIYh
rQsptc8Wj8fmfLGA1mxAi5wofcpvTkDp2L3DLXRIRo2cV+Kr8/+WzgT/S4VueaFb5vILrKDYX
L0V5XbPfCNJSv45SOS2a6EgYtGk1nsyr5f7NdorbX1GvSlifGyp4vs6UhsXs4GlXvVF4RAnoy
2CWI97SNcdVz4uRJSokZuzABIDF72YUwWI/wyvviOlUVRiYPP5rLAzuWPvPH0AWEa3WQS470E
79Au2x83B4QaZVpHit/qEhHJurdARPjEHk3IuYPNnjfyBHD7MTIGFp/wTFc1mo+Ts9mtbO5Uq
EqWrtpvZUfr8+n2EO3e7STL0mT7p2c/5GNMF3OSEz39AKIoQ+lq6CWUGwM7GvlHIRflb2EhKG
```

Chave pública:

sh-rsa

AAAAB3NzaC1yc2EAAAADAQABAAABgQC5hcBwysTRl8g4SS7PgIuDKit7a6KYSzlYhrQsptc8Wj8fmfLGA1mxAi5w
ofcpvTkDp2L3DLXRlRo2cV+Kr8/+WzgT/S4VueaFb5vILrKDYXL0V5XbPfCNJSv45SOS2a6EgYtGk1nsyr5f7NdorbX1
GvSlifGyp4vs6UhsXs4GlXvVF4RAnoy2CWI97SNcdVz4uRJSokZuzABIDF72YUwWI/wyvviOlUVRiYPP5rLAzuWPvPH
0AWEa3WQS470E79Au2x83B4QaZVpHit/qEhHJurdARPjEHk3luYPNnjfyBHD7MTIGFp/wTFc1mo+Ts9mtbO5UqFg
WrtpyZUfr8+n2FO3e7STL0mT7p2c/5GNMF3OSFz39AKIoO+lg6CWUGwM7GylHIRflh2EhKGc3GaU1/8qcCuoU0v17
UnMa0YxW1CAmHjuQBif76R571yh2UligdbLlTeOS1q3o+0CZ2ZahT0nvuUI5x00RqZfT3Elz5SqZZxgGr8exhoaAYRO
ewk0= teste1@teste1

Testar a conexão usando as chaves Publica e Privada.

```
wtmp begins Fri Nov 15 08:44:35 2024
teste1@teste1:~$ ssh teste2@192.168.0.106
The authenticity of host '192.168.0.106 (192.168.0.106)' can't be established.
ED25519 key fingerprint is SHA256:NHqT0B1q5BQmaTBaoPAtLJnM611B9fdVVOF7JIvI1cU.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.0.106' (ED25519) to the list of known hosts.
teste2@192.168.0.106's password:
Linux teste2 6.1.0-12-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.52-1 (2023-09-07)
x86_64

Last login: Fri Nov 15 17:13:39 2024 from 127.0.0.1
teste2@teste2:~$ last
teste2    pts/2        192.168.0.107   Fri Nov 15 17:33   still logged in
teste2    pts/1        127.0.0.1       Fri Nov 15 17:13   still logged in
teste2    pts/2        127.0.0.1       Fri Nov 15 15:35 - 15:45  (00:10)
teste2    pts/1        127.0.0.1       Fri Nov 15 15:12 - 15:45  (00:32)
teste2    tty7         :0              Fri Nov 15 14:15   still logged in
reboot    system boot  6.1.0-12-amd64  Fri Nov 15 14:14   still running
teste2    tty7         :0              Fri Nov 15 08:12 - crash  (06:01)
reboot    system boot  6.1.0-12-amd64  Fri Nov 15 08:12   still running
teste2    tty7         :0              Thu Nov 14 23:16 - crash  (08:56)
reboot    system boot  6.1.0-12-amd64  Thu Nov 14 23:15   still running
```