

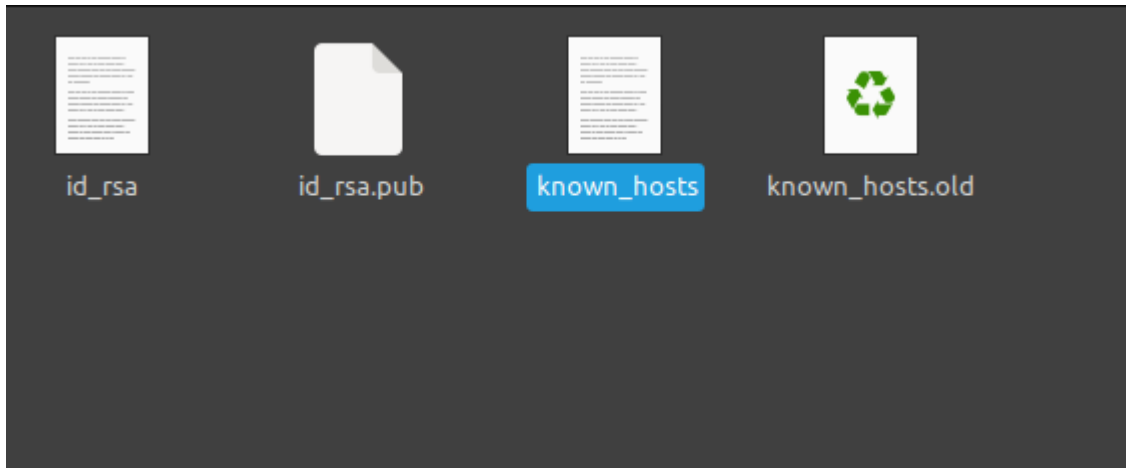
Atividade de criação de Chaves ssh.

Administração de serviços

Atividade 02

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Passo 1: Criação das chaves



Passo 2: Copiando chave.

```
[node1] (local) root@192.168.0.13 ~
$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/root/.ssh/id_rsa): ^C
[node1] (local) root@192.168.0.13 ~
$ ls
[node1] (local) root@192.168.0.13 ~
$ cd ~/.ssh
[node1] (local) root@192.168.0.13 ~/.ssh
$ ls
authorized_keys  id_rsa          id_rsa.pub
[node1] (local) root@192.168.0.13 ~/.ssh
$ cat id_rsa.pub
ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIB029GoeJz5eChYbol62Ljy0D7Nqgrt4sF6xjc809xV2 root@buildkitsandbox
[node1] (local) root@192.168.0.13 ~/.ssh
$ ssh-copy-id -i ~/.ssh/id_rsa.pub root@192.168.0.13
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/root/.ssh/id_rsa.pub"
The authenticity of host '192.168.0.13 (192.168.0.13)' can't be established.
ED25519 key fingerprint is SHA256:BDJG4Ub7IAPISGZrvGdcMb3QKj3gYEPsDqvD3QeWg24.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

Passo 3: levantando servidor ssh local com sshd config porque o docker playground não ia de jeito nenhum.

```
lucas@laura-POS-EAA75DE: ~  
Arquivo  Editar  Ver  Pesquisar  Terminal  Ajuda  
lucas@laura-POS-EAA75DE:~$ sudo systemctl enable ssh  
Synchronizing state of ssh.service with SysV service script with /lib/systemd/sy  
stemd-sysv-install.  
Executing: /lib/systemd/systemd-sysv-install enable ssh  
lucas@laura-POS-EAA75DE:~$ sudo systemctl status ssh  
● ssh.service - OpenBSD Secure Shell server  
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: e  
   Active: active (running) since Thu 2024-11-14 15:29:25 -03; 28s ago  
     Docs: man:sshd(8)  
           man:sshd_config(5)  
  Main PID: 4550 (sshd)  
    Tasks: 1 (limit: 27405)  
  Memory: 1.7M  
    CPU: 29ms  
   CGroup: /system.slice/ssh.service  
           └─4550 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"  
  
Nov 14 15:29:25 laura-POS-EAA75DE systemd[1]: Starting OpenBSD Secure Shell ser  
Nov 14 15:29:25 laura-POS-EAA75DE sshd[4550]: Server listening on 0.0.0.0 port  
Nov 14 15:29:25 laura-POS-EAA75DE sshd[4550]: Server listening on :: port 22.  
Nov 14 15:29:25 laura-POS-EAA75DE systemd[1]: Started OpenBSD Secure Shell serv
```

Passo 4: conectando ao servidor inicialmente com senha

```
ssh lucas@192.168.40.113  
The authenticity of host '192.168.40.113 (192.168.40.113)' can't be established.  
ED25519 key fingerprint is SHA256:jBf5MNHAnBDE3sf17z8wCP9dCc7aquhspqzka2MwZCI.  
This key is not known by any other names.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '192.168.40.113' (ED25519) to the list of known hosts.  
lucas@192.168.40.113's password:  
lucas@laura-POS-EAA75DE:~$ neofetch  
  
...:~::~...  
.-MMMMMMMMMMMMMMMM-  
.-MMM`..:~::~..`MMM-  
.:MMM.:MMMMMMMMMMMMMMMM.:MMM:  
-MMM-M---MMMMMMMMMMMMMMMM.MMM-  
`:MMM:MM` :MMM:.....-MMM:MM`  
:MMM:MM` :MM` `` `:MMM:MM:  
MMM.MMMM` :MM. -MM. .MM- `MMMM.MMM.  
:MMM:MMM` :MM. -MM- .MM: `MMMM-MMM:  
MMM:MMM` :MM. -MM- .MM: `MMMM-MMM:  
MMM:MMM` :MM.--MM.--MM: `MMMM.MMM.  
:MMM:MM- `MMMMMMMMMMMMMM` -MMM-MMM:  
:MMM:MM: ` :MMM:MM:  
MMM.MMMM:-----MMM.MMM.  
'-MMM.-MMMMMMMMMMMMMM-'MMM-'  
'-MMM`-:~::~-`MMM-'  
'-MMMMMMMMMMMMMM-'  
`~::~`  
  
lucas@laura-POS-EAA75DE  
-----  
OS: Linux Mint 21.1 x86_64  
Host: POS-EAA75DE 2.0  
Kernel: 5.15.0-122-generic  
Uptime: 50 mins  
Packages: 2982 (dpkg), 46 (flatpak)  
Shell: bash 5.1.16  
Resolution: 1920x1080  
Terminal: /dev/pts/1  
CPU: AMD PRO A8-8650B R7 4C+6G (4) @ 3.200GHz  
GPU: AMD ATI Radeon R7 Graphics  
Memory: 2333MiB / 22976MiB  
  
Lucas@laura-POS-EAA75DE:~$
```

Passo 5: enviar a chave publica da minha maquina local para o servidor via scp e logar sem precisar usar senha novamente.

```
Connection to 192.168.40.113 closed.
❯ ssh-copy-id -i ~/.ssh/id_ed25519.pub lucas@192.168.40.113
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/lucas/.ssh/id_ed25519.pub"
/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
lucas@192.168.40.113's password:

Number of key(s) added: 1

Now try logging into the machine, with:  "ssh 'lucas@192.168.40.113'"
and check to make sure that only the key(s) you wanted were added.

❯ ssh lucas@192.168.40.113
Last login: Thu Nov 14 15:58:37 2024 from 192.168.40.116
lucas@laura-POS-EAA75DE:~$
```

Um novo arquivo foi adicionado ao servidor remoto Authorized_Keys.

