INSTITUTO FEDERAL
Ceará
Campus Fortaleza

Telemática
Administração de Serviços de Rede
Professor: Ricardo Duarte Taveira
Aluno: Luan Victor Santiago Sobrinho
Atividade 02 | SSH

1. **Instalação do SSH:**

```
luan@luan-VirtualBox:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/luan/.ssh/id_rsa):
Created directory '/home/luan/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/luan/.ssh/id_rsa
Your public key has been saved in /home/luan/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:nQATNSCOw2LL3qNaWomVeHfltJC2bDYqG7EICDNnvuA luan@luan-VirtualBox
The key's randomart image is:
+---[RSA 3072]----+
|     . =+o       |
| . o . + .       |
|=.* . + +        |
|=0.o o * + .     |
|=o* . B S o      |
|+*.* = .         |
|oEOo.            |
| +.+.            |
|+..              |
+----[SHA256]-----+
luan@luan-VirtualBox:~$
```

2. **Criação das chaves:**

```
luan@luan-VirtualBox:~$ ssh-copy-id -i ~/.ssh/id_rsa.pub luan@localhost
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/luan/.ssh/id_rsa.pub"
The authenticity of host 'localhost (127.0.0.1)' can't be established.
ED25519 key fingerprint is SHA256:HMBBtKpjLQk1onOpq850srD6fwYcIPOvBEi9fLu6PD0.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? y
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
luan@localhost's password:
Permission denied, please try again.
luan@localhost's password:

Number of key(s) added: 1

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

luan@luan-VirtualBox:~$
```

3. **Visualização da chave no diretório:**

```
luan@luan-VirtualBox:~$ cat ~/.ssh/authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQDREVwep5Z62npWmVKKqZbNMli+vfBX2o77UIMaDv9dFzcDiCfDjzMta+JxP4fLBqKXSsc1arjlzbrDqzp+0+cdDVOzn9PFx
pxLcgjOznpctdajoT/4sdFowfYyjO5n5jPlWL3yQ7NgGAEXgJAJeaofTD7oEvjTH9PuoMZVeOvEbM40RnuF618IRf8+lWZrey0Z3qjIioU4VO0MhpyfRca2nc9o1BJ6tTCp2G
qTH5X2P4t+xszFGxG8AmtPhf0lYzEkBtMvfxzsiS+QsvnB7I6rBP8PFlAiCojusLy8E9OJLMrmbxNkelGa7PmEVqxAk6SGf8o/+hG0UNBFUlx26IlJBdRvzAY31buFhxNkiMF
QKweyGxlQ1G9WN/9IKLlq+krPqZfpmoucGlUaaZVkSOUG48qbEgm0FVaZxEJ74rsCkJH0hbRHNNeMK3JV2wDcTDrVFetQBwyiTvDwh8MBhwV0Ovuzqq3uLsh+i5oMTVQTlWEv
h6glqp+7b5ASCLYFMH8= luan@luan-VirtualBox
luan@luan-VirtualBox:~$
```

4. Teste de conexão:

```
luan@luan-VirtualBox:~$ cat ~/.ssh/authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABgQDREVwep5Z62npWmVKKqZbNMli+vfBX2o77UIMaDv9dFzcDiCfDjzMta+JxP4f
pxLcgjOznpctdajoT/4sdFowfYyjO5n5jPlWL3yQ7NgGAEXgJAJeaofTD7oEvjTH9PuoMZVeOvEbM40RnuF618IRf8+lWZreyOZ
qTH5X2P4t+xszFGxG8AmtPhf0lYzEkBtMvfxzsiS+QsvnB7I6rBP8PFlAiCojusLy8E9OJLMrmbxNkelGa7PmEVqxAk6SGf8o/+
QKweyGxlQ1G9WN/9IKLlq+krPqZfpmoucGlUaaZVkSOUG48qbEgm0FVaZxEJ74rsCkJH0hbRHNNeMK3JV2wDcTDrVFetQBwyiTv
h6glqp+7b5ASCLYFMH8= luan@luan-VirtualBox
luan@luan-VirtualBox:~$ ssh luan@localhost
Enter passphrase for key '/home/luan/.ssh/id_rsa':
```