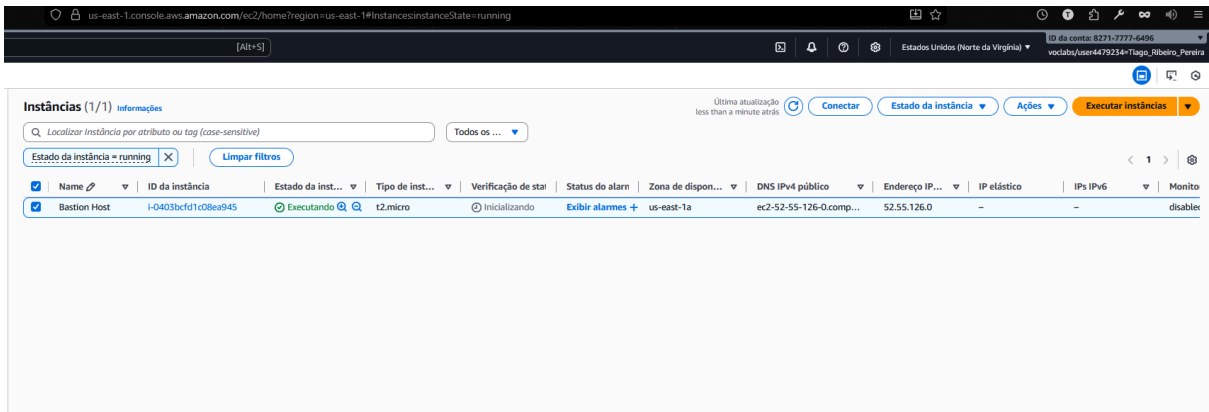


Nome: Tiago Ribeiro Pereira  
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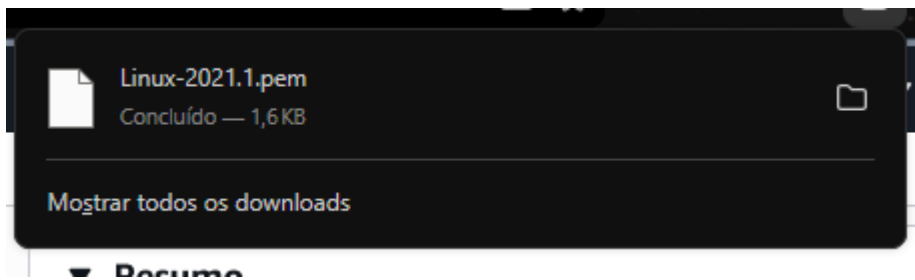
1) Executando instâncias:



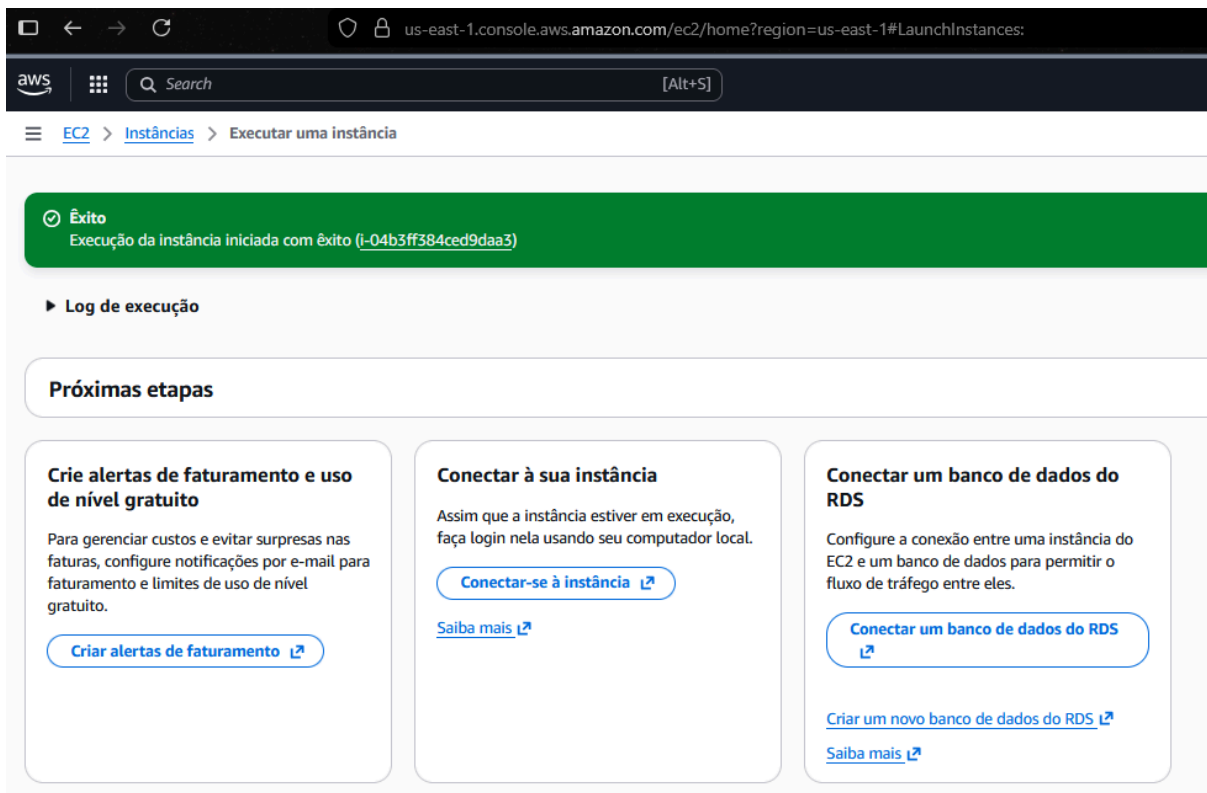
2) Criando instância:



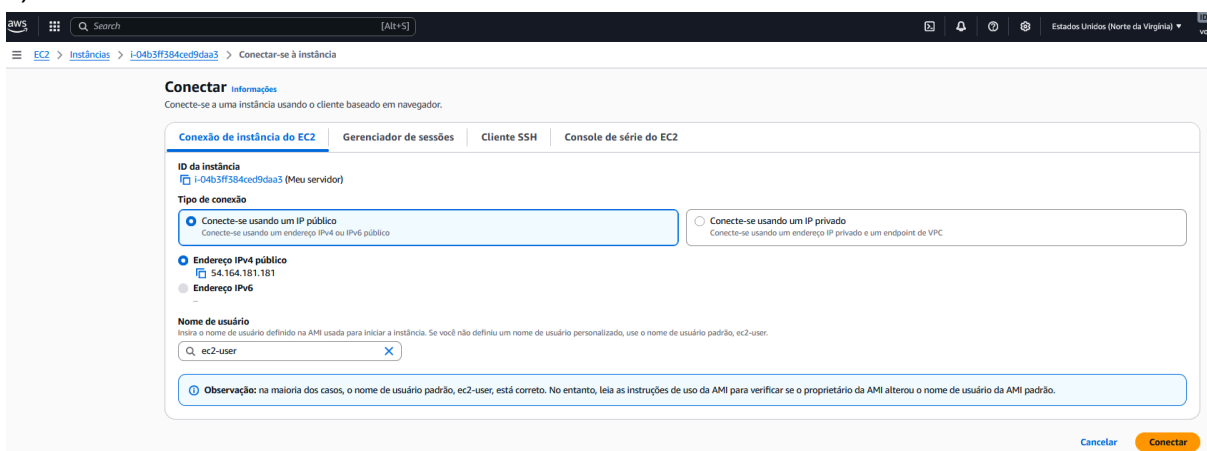
### 3) Criando um novo par de chaves:



### 4) Instância criada:



### 5) Conectando na instância:



6) Usando o CMD:

```
ec2-user@ip-172-31-19-125:~$ ssh -i "Linux-2021.1.pem" ec2-user@ec2-54-164-181-181.compute-1.amazonaws.com
Microsoft Windows [versão 10.0.26100.7171]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\tiago>cd Downloads

C:\Users\tiago\Downloads>ssh -i "Linux-2021.1.pem" ec2-user@ec2-54-164-181-181.compute-1.amazonaws.com
The authenticity of host 'ec2-54-164-181-181.compute-1.amazonaws.com (54.164.181.181)' can't be established.
ED25519 key fingerprint is SHA256:mQRnJuzOjppq2SPXkbMoNvtI93RYRmHtRipK1c6sbixM.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-54-164-181-181.compute-1.amazonaws.com' (ED25519) to the list of known hosts.

#_
##### Amazon Linux 2023
#####|
##### \#/ https://aws.amazon.com/linux/amazon-linux-2023
##### V~' -->
##### /
##### .-
##### _/m/'
```

7) Instalando htop:

```
[ec2-user@ip-172-31-19-125 ~]$ sudo yum install htop
Amazon Linux 2023 Kernel Livepatch repository                208 kB/s | 29 kB    00:00
Dependencies resolved.

=====
Package                Architecture          Version                               Repository          Size
=====
Installing:
 htop                  x86_64                3.2.1-87.amzn2023.0.3              amazonlinux          183 k
=====
Transaction Summary

Install 1 Package

Total download size: 183 k
Installed size: 432 k
Is this ok [y/N]: y
Downloading Packages:
htop-3.2.1-87.amzn2023.0.3.x86_64.rpm                        3.6 MB/s | 183 kB    00:00
=====
Total                                                                2.3 MB/s | 183 kB    00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing      :
  Installing     : htop-3.2.1-87.amzn2023.0.3.x86_64
  Running scriptlet: htop-3.2.1-87.amzn2023.0.3.x86_64
  Verifying      : htop-3.2.1-87.amzn2023.0.3.x86_64
  1/1
  1/1
  1/1
  1/1
```

## 8)HTOP:

```

ec2-user@ip-172-31-19-125:~
CPU[|||||] 11.5% Tasks: 30, 13 thr, 78 kthr; 1 running
Mem[|||||] 114M/956M Load average: 0.23 0.07 0.02
Swp[ ] 0K/0K Uptime: 01:18:44

Main I/O
PID USER PRI NI VIRT RES SHR S CPU% MEM% TIME+ Command
2320 systemd-ne 20 0 231M 9788 8480 S 0.0 1.0 0:00.04 /usr/lib/systemd/systemd-networkd
2343 dbus 20 0 5248 3012 2444 S 0.0 0.3 0:00.03 dbus-broker --log 4 --controller 9 --machine-id ec2e5
2345 root 20 0 2684 1840 1696 S 0.0 0.2 0:00.00 /usr/sbin/acpid -f
2346 root 20 0 275M 3712 2784 S 0.0 0.4 0:00.04 /usr/sbin/gssproxy -D
2347 root 20 0 275M 3712 2784 S 0.0 0.4 0:00.00 /usr/sbin/gssproxy -D
2348 root 20 0 275M 3712 2784 S 0.0 0.4 0:00.00 /usr/sbin/gssproxy -D
2349 root 20 0 275M 3712 2784 S 0.0 0.4 0:00.00 /usr/sbin/gssproxy -D
2350 root 20 0 275M 3712 2784 S 0.0 0.4 0:00.00 /usr/sbin/gssproxy -D
2351 root 20 0 275M 3712 2784 S 0.0 0.4 0:00.00 /usr/sbin/gssproxy -D
2474 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.51 /usr/bin/amazon-ssm-agent
2478 root 20 0 14376 8684 7476 S 0.0 0.9 0:00.01 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startu
2481 root 20 0 4764 2608 2416 S 0.0 0.3 0:00.00 /usr/sbin/atd -f
2486 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.02 /usr/bin/amazon-ssm-agent
2487 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.27 /usr/bin/amazon-ssm-agent
2488 root 20 0 216M 1884 1760 S 0.0 0.2 0:00.02 /sbin/agetty -o -p -- \u --noclear - linux
2489 root 20 0 216M 1960 1820 S 0.0 0.2 0:00.00 /sbin/agetty -o -p -- \u --keep-baud 115200,57600,384
2501 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.11 /usr/bin/amazon-ssm-agent
2502 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.03 /usr/bin/amazon-ssm-agent
2507 chrony 20 0 86328 3884 3196 S 0.0 0.4 0:00.11 /usr/sbin/chronyd -F 2
2513 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.00 /usr/bin/amazon-ssm-agent
2527 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.05 /usr/bin/amazon-ssm-agent
2546 root 20 0 1211M 19620 11156 S 0.0 2.0 0:00.00 /usr/bin/amazon-ssm-agent
F1Help F2Setup F3Search F4Filter F5Tree F6SortBy F7Nice -F8Nice +F9Kill F10Quit

```

## 9) Instalando compilador C:

```

Transaction Summary
=====
Install 14 Packages

Total download size: 57 M
Installed size: 182 M
Is this ok [y/N]: y
Downloading Packages:
(1/14): annobin-docs-12.69-1.amzn2023.0.1.noarch.rpm                2.0 MB/s | 93 kB      00:00
(2/14): annobin-plugin-gcc-12.69-1.amzn2023.0.1.x86_64.rpm         17 MB/s | 974 kB     00:00
(3/14): gc-8.0.4-5.amzn2023.0.2.x86_64.rpm                         2.3 MB/s | 105 kB     00:00
(4/14): gcc-plugin-annobin-11.5.0-5.amzn2023.0.5.x86_64.rpm        1.2 MB/s | 38 kB      00:00
(5/14): glibc-devel-2.34-231.amzn2023.0.1.x86_64.rpm              1.4 MB/s | 38 kB      00:00
(6/14): cpp-11.5.0-5.amzn2023.0.5.x86_64.rpm                      48 MB/s | 11 MB       00:00
(7/14): glibc-headers-x86-2.34-231.amzn2023.0.1.noarch.rpm         4.0 MB/s | 444 kB     00:00
(8/14): guile22-2.2.7-2.amzn2023.0.3.x86_64.rpm                   57 MB/s | 6.4 MB      00:00
(9/14): libmpc-1.2.1-2.amzn2023.0.2.x86_64.rpm                     2.8 MB/s | 62 kB      00:00
(10/14): libtool-ltdl-2.4.7-1.amzn2023.0.3.x86_64.rpm             1.7 MB/s | 38 kB      00:00
(11/14): kernel6.12-headers-6.12.55-74.119.amzn2023.x86_64.rpm    12 MB/s | 1.5 MB      00:00
(12/14): libxcrypt-devel-4.4.33-7.amzn2023.x86_64.rpm              1.5 MB/s | 32 kB      00:00
(13/14): make-4.3-5.amzn2023.0.2.x86_64.rpm                       13 MB/s | 534 kB     00:00
(14/14): gcc-11.5.0-5.amzn2023.0.5.x86_64.rpm                     44 MB/s | 36 MB       00:00
-----
Total                                     63 MB/s | 57 MB       00:00
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.

```

10) Acessando nano:

```
ec2-user@ip-172-31-19-125:~  
GNU nano 8.3  
New Buffer  
[ Welcome to nano. For basic help, type Ctrl+G. ]  
^G Help    ^O Write Out  ^F Where Is  ^K Cut       ^T Execute   ^C Location  M-U Undo    M-A Set Mark  
^X Exit    ^R Read File  ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line M-E Redo    M-6 Copy
```

11) Criando arquivo white out:

```
ec2-user@ip-172-31-19-125:~  
GNU nano 8.3  
New Buffer  
Modified  
#include <stdio.h>  
#include <stdlib.h>  
int main()  
{  
printf("\nHello world!\n");  
return 0;  
}  
File Name to Write: teste.c  
^G Help    ^C Cancel    M-D DOS Format  M-N Mac Format  M-A Append      M-P Prepend    M-B Backup File  ^T Browse
```

12) Testando e executando a compilação:

```
[ec2-user@ip-172-31-19-125 ~]$ ls
teste.c
[ec2-user@ip-172-31-19-125 ~]$ gcc teste.c -o teste
[ec2-user@ip-172-31-19-125 ~]$ chmod ./teste
chmod: missing operand after './teste'
Try 'chmod --help' for more information.
[ec2-user@ip-172-31-19-125 ~]$ chmod 777 ./teste
[ec2-user@ip-172-31-19-125 ~]$ ./teste

Hello world!
[ec2-user@ip-172-31-19-125 ~]$ |
```

13) Desligando a máquina:

```
[ec2-user@ip-172-31-19-125 ~]$ sudo shutdown -h now

Broadcast message from root@localhost on pts/1 (Tue 2025-11-18 00:49:37 UTC):

The system will power off now!

Connection to ec2-54-164-181-181.compute-1.amazonaws.com closed by remote host.
Connection to ec2-54-164-181-181.compute-1.amazonaws.com closed.

C:\Users\tiago\Downloads>
```

14) Terminando o Lab:

```
End Lab
Region: us-east-1
Lab ID: arn:aws:cloudformation:us-east-1:82717776496:stack/c183209a4717025112032108t1w82717776496/e5a099b0-c40a-11f0-b509-0afff216bc71
Creation Time: 2025-11-17T15:12:33-0800
You may close this message box now. Lab resources are terminating ...
```