

ssh to the jump host

```
this PC:\Users\ahmed>ssh -i C:\Users\ahmed\Desktop\aws-xls\sprints_keyPair.pem ubuntu@44.200.6.249
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1026-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Wed Jan  4 22:08:54 UTC 2023

System load:  0.0               Processes:           103
Usage of /:   20.0% of 7.57GB   Users logged in:    1
Memory usage: 22%              IPv4 address for eth0: 10.0.0.24
Swap usage:   0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

Last login: Wed Jan  4 21:53:06 2023 from 18.206.107.27
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-10-0-0-24:~$
```

ssh from bastion to the private machine

```
ubuntu@ip-10-0-0-24:~$ ssh -i sprints_keyPair.pem ubuntu@10.0.0.10
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1026-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Wed Jan  4 22:06:07 UTC 2023

System load:  0.0               Processes:           99
Usage of /:   19.9% of 7.57GB   Users logged in:    0
Memory usage: 20%              IPv4 address for eth0: 10.0.0.10
Swap usage:   0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
```

the instances Ips

Find instance by attribute or tag (case-sensitive)

< 1 >

Name	Instance ID	Instance state
<input checked="" type="checkbox"/> public	i-0a840fcf710517ac1	Running

Instance: i-0a840fcf710517ac1 (public)

Security

Networking

Storage

Status check

▼ Instance summary Info

Instance ID

i-0a840fcf710517ac1 (public)

Public IPv4 address

44.200.6.249 | [open address](#)

Private IPv4 addresses

10.0.0.24

IPv6 address

–

Instance state

Running

Public IPv4 DNS

–

Hostname type

Private IP DNS name (IPv4 only)

IP name: ip-10-0-0- ip-10-0-0-24.ec2.internal

EC2 GLOBAL VIEW

Events

Tags

Limits

▼ Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Scheduled Instances

Capacity Reservations

▼ Images

AMIs

AMI Catalog

Name	Instance ID	Instance state
<input type="checkbox"/> public	i-0a840fcf710517ac1	Running
<input checked="" type="checkbox"/> private	i-025cd6ec405ffea63	Running

Instance: i-025cd6ec405ffea63 (private)

Details

Security

Networking

Storage

▼ Instance summary Info

Instance ID

i-025cd6ec405ffea63 (private)

Public IPv4 address

–

Private IPv4 addresses

10.0.0.10

IPv6 address

–

Instance state

Running

Public IPv4 DNS

–

Hostname type

Private IP DNS name (IPv4 only)

IP name: ip-10-0-0- ip-10-0-0-10.ec2.internal