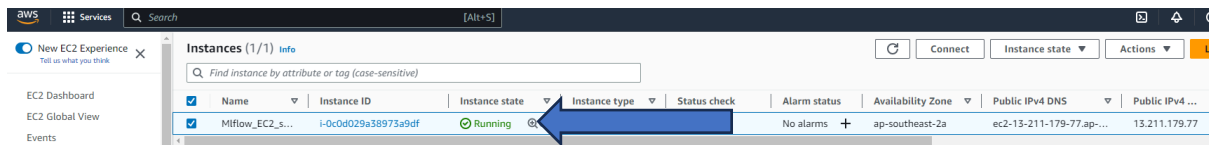


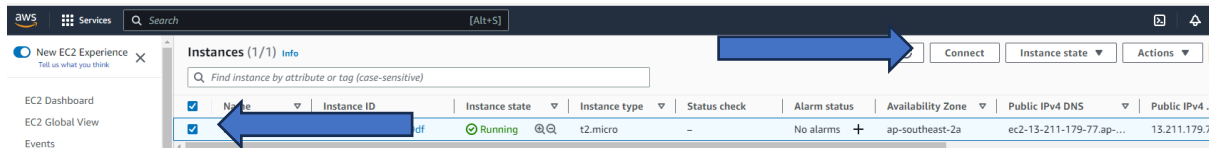
Before this, make sure the EC2 server you want to access is running



Your local PC stores the pem file that was created in Step 5.

AWS Step 7: How to connect to EC2 server from a local PC

Check the EC2 instance and click “Connect”



Select “SSH Client” and copy the example line.

EC2 > Instances > i-0c0d029a38973a9df > Connect to instance

Connect to instance Info

Connect to your instance i-0c0d029a38973a9df (Mlflow_EC2_server) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance ID
i-0c0d029a38973a9df (Mlflow_EC2_server)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is mlflow-ec2-server-key.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
chmod 400 mlflow-ec2-server-key.pem
4. Connect to your instance using its Public DNS:
ec2-13-211-179-77.ap-southeast-2.compute.amazonaws.com

Example:

```
ssh -i "mlflow-ec2-server-key.pem" ec2-user@ec2-13-211-179-77.ap-southeast-2.compute.amazonaws.com
```

Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

ec2-13-211-179-77.ap-southeast-2.compute.amazonaws.com

✓ Command copied

```
ssh -i "mlflow-ec2-server-key.pem" ec2-user@ec2-13-211-179-77.ap-southeast-2.compute.amazonaws.com
```

Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Open your terminal (cmd) on your local PC and change the direction where you save the pem file.

*In this guide, store the pem file on the Desktop.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows


PS C:\> cd .\Desktop
PS C:\Desktop>
```

Paste the line command you copied on AWS and execute it

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Desktop> ssh -i "mlflow-ec2-server-key.pem" ec2-user@ec2-13-211-179-77.ap-southeast-2.compute.amazonaws.com
```



Type "yes"

```
/Desktop
$ ssh -i "mlops-with-aws-ec2-server-key-pairs.pem" ec2-user@ec2-54-206-10-3.ap-southeast-2.compute.amazonaws.com
#_
~\_####_ Amazon Linux 2023
~~ \#####\
~~ \###|
~~ \#|_--- https://aws.amazon.com/linux/amazon-linux-2023
~~ V~' '->
~~~ /
~~~_/_/_/
~~~_/_/_/
~~~_/_/_/
Last login: Mon Jun 5 03:44:48 2023 from 193.56.253.98
[ec2-user@ip-172-31-8-122 ~]$ sudo apt update
```

Update the server in the following command (This server uses Amazon Linux)

sudo yum update: sudo yum upgrade -y : sudo yum install python : sudo yum install pip

```
[ec2-user@ip-172-31-8-122 ~]$ sudo yum update
Last metadata expiration check: 2:20:45 ago on Mon Jun 5 01:48:17 2023.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-8-122 ~]$ sudo yum upgrade -y
Last metadata expiration check: 2:23:41 ago on Mon Jun 5 01:48:17 2023.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-172-31-8-122 ~]$ sudo yum install python
Last metadata expiration check: 2:25:53 ago on Mon Jun 5 01:48:17 2023.
Dependencies resolved.
```

Type "aws s3 ls" (If you use a different OS, you need to install aws: pip install awscli)

```
[ec2-user@ip-172-31-8-122 ~]$ aws s3 ls
2023-06-05 01:07:51 mlops-with-aws-s3
2023-05-21 01:13:30 sagemaker-ap-southeast-2-897084694791
2023-05-21 03:55:37 sagemaker-project-p-wx6nlxws9bkk
2023-05-21 01:10:27 sagemaker-studio-897084694791-hzkbrxc7ylt
```

