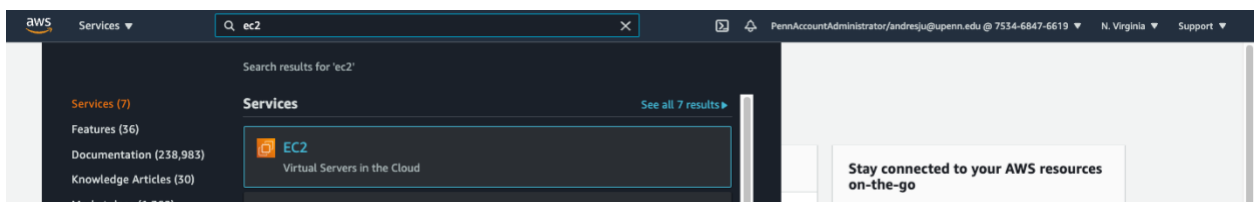


Connecting to Your EC2 Instance

Via Remote Desktop Protocol (RDP)

Initial Setup

1. Install the [AWS Secure Session Manager \(SSM\) plug-in](#). The installation page has instructions for all operating systems—follow the one for your local machine. Once installed, proceed with the instructions below.
2. If you're working on a non-Windows machine, download Microsoft Remote Desktop.
3. The system administrator will provide you with your EC2 username and password. After your initial login, you will be prompted to create a new password. Make sure to retain a copy of your username and your new password for your records.
4. On MS Remote Desktop, add a new PC with the following details:
 - PC name: localhost:55678
 - Username: username provided by system administrator
 - Password: password provided by system administrator or your new password (depending on if you've already set it or not)
5. Login to the AWS Console. Consult the **New User Guides** if you are unsure of how to do so.
6. Once logged in, type EC2 in the service search bar at the top of the screen and click EC2.



7. Scroll down to your instance and take note of your EC2's Instance ID. Retain this information elsewhere so you wouldn't need to do this every time you connect to your instance.

Connecting to EC2

1. Login via AWS CLI. Consult the **New User Guides** if you are unsure of how to do so.
2. Once logged in (if Penn user) or configured (if non-Penn user), start your instance using the ec2 command start-instances.

```
aws ec2 start-instances --instance-ids [your instance ID]
```

e.g., `aws ec2 start-instances --instance-ids i-9d83nf0a1ac5hor`

- Alternatively, you can start your instance in the AWS Console. See instructions on how to do this in the **Connecting to EC2-SSH** guide.

3. Give it a minute or two to boot up.
4. Once running, establish a connection to your instance via AWS Secure Session Manager (SSM) using the following command:

```
aws ssm start-session --target [your instance ID] --document-name
```

```
AWS-StartPortForwardingSession --parameters
```

```
"localPortNumber=55678,portNumber=3389"
```

5. Once connection is established, return to MS Remote Desktop and connect to the new PC you created.
6. You're now connected!
7. Once you're done, if you do not need to leave your machine running, please remember to shut it down.
8. Alternatively, you can stop your instance via AWS CLI using the following command:

```
aws ec2 stop-instances --instance-ids [your instance ID]
```