lab

lab title

Connecting to EC2

V1.03

Course title

BackSpace Academy
AWS Certified Associate

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About the Lab

Please note that not all AWS services are supported in all regions. Please use the US-East-1 (North Virginia) region for this lab.

These lab notes are to support the hands on instructional videos of the Identity and Access Management (IAM) section of the AWS Certified Associate Course.

Please note that AWS services change on a weekly basis and it is extremely important you check the version number on this document to ensure you have the lastest version with any updates or corrections.

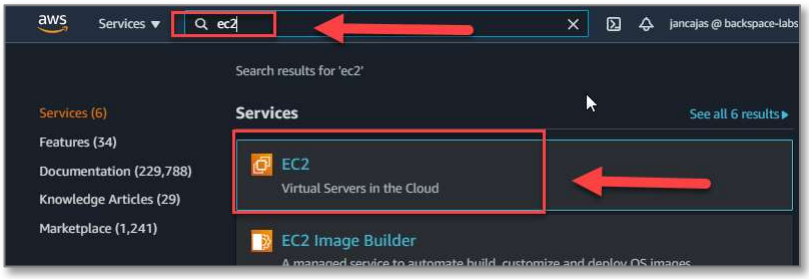
Connecting to EC2 Linux

In this section, we will use the EC2 Instance Connect service to connect to the Linux operating system of an EC2 instance.

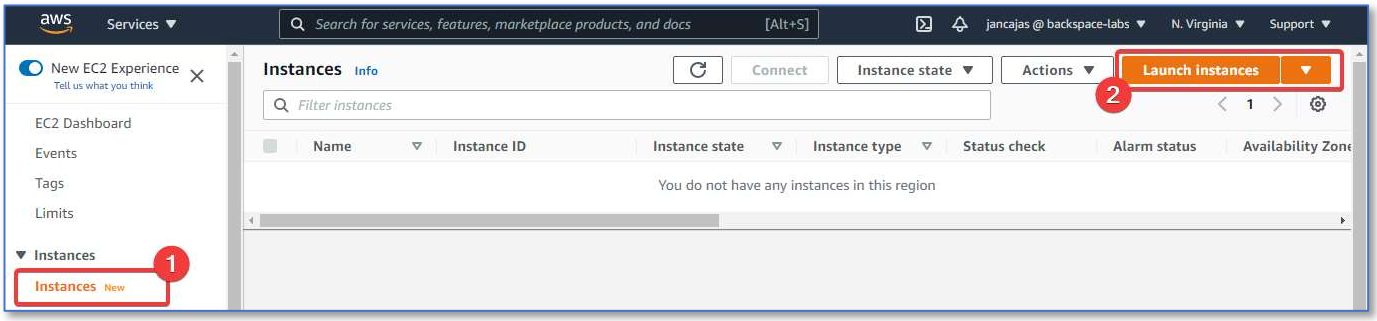
Launch an EC2 Instance

From the AWS console search *EC2*

Click *EC2*

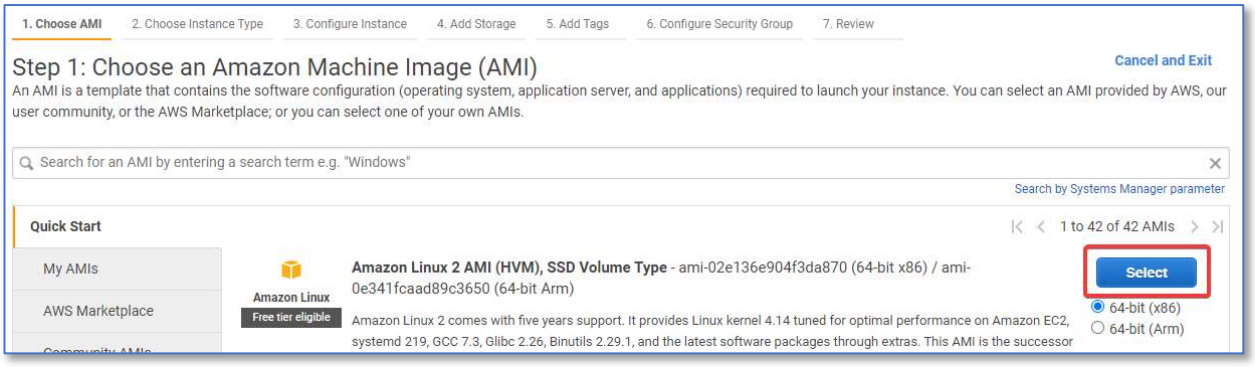


Select *Instances -> Launch Instances*



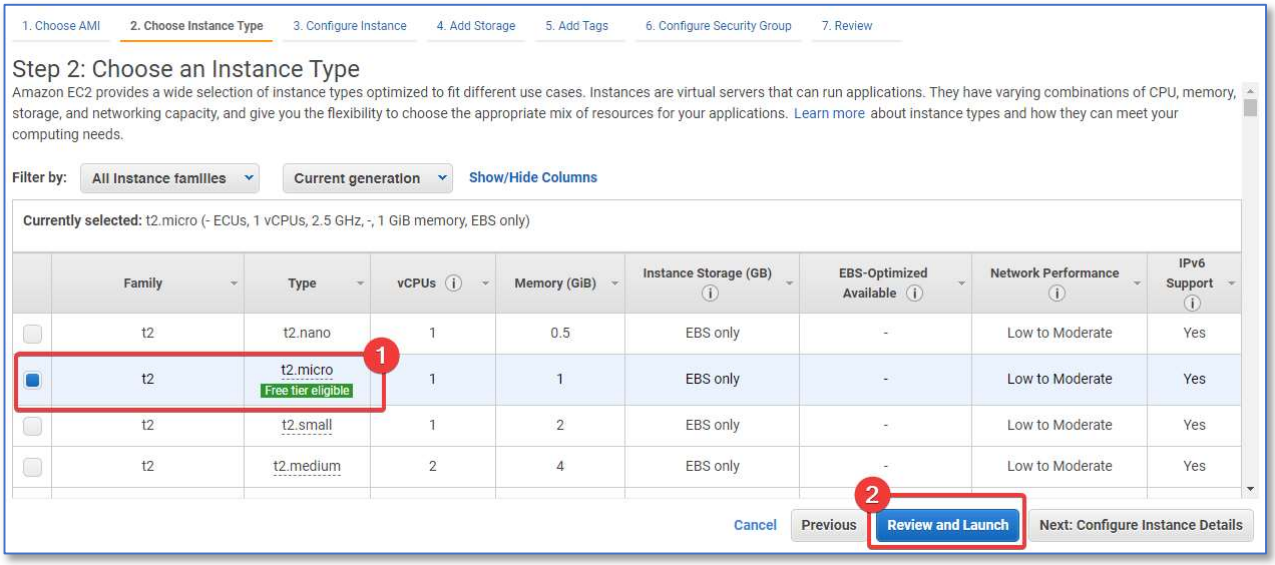
Select *Amazon Linux 2 AMI*

Please note not all AMI are set up for EC2 Instance Connect

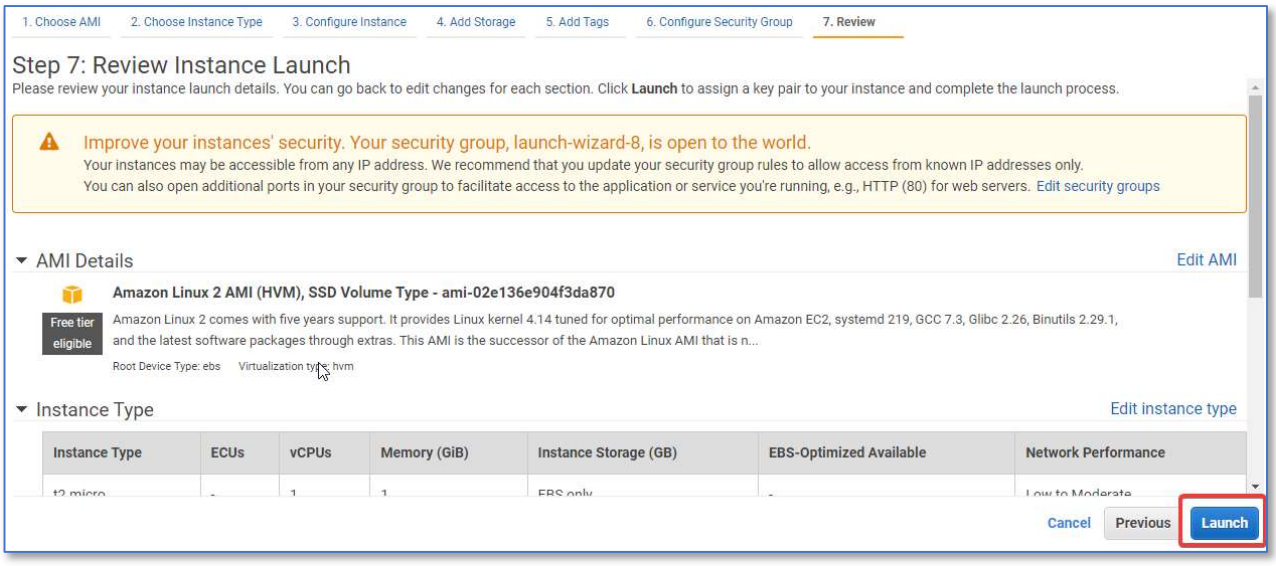


Select *t2.micro*

Click *Review and Launch*



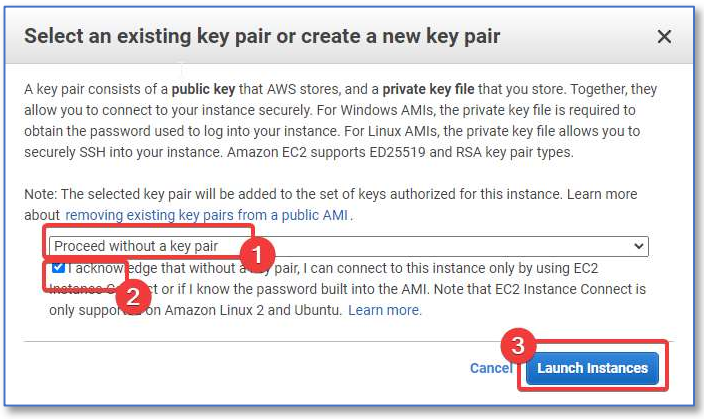
Click *Launch*



Select *Proceed without a key pair*

Click *Acknowledge* check box

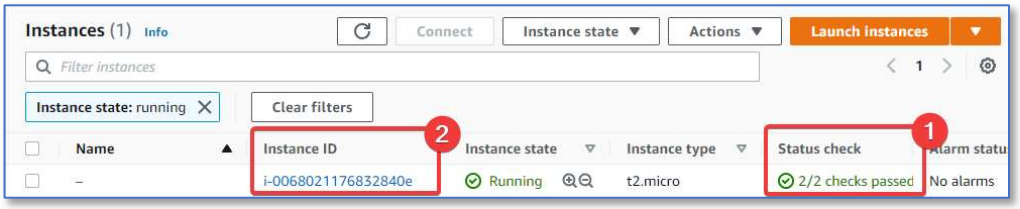
Click *Launch instances*



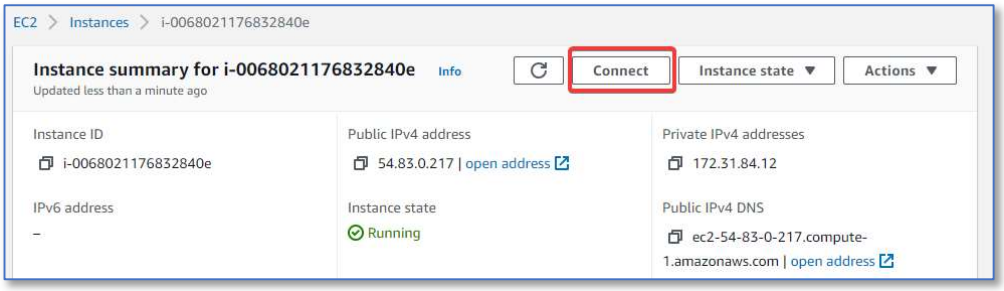
Connect to Instance

Wait for the Status checks to pass

Select the instance

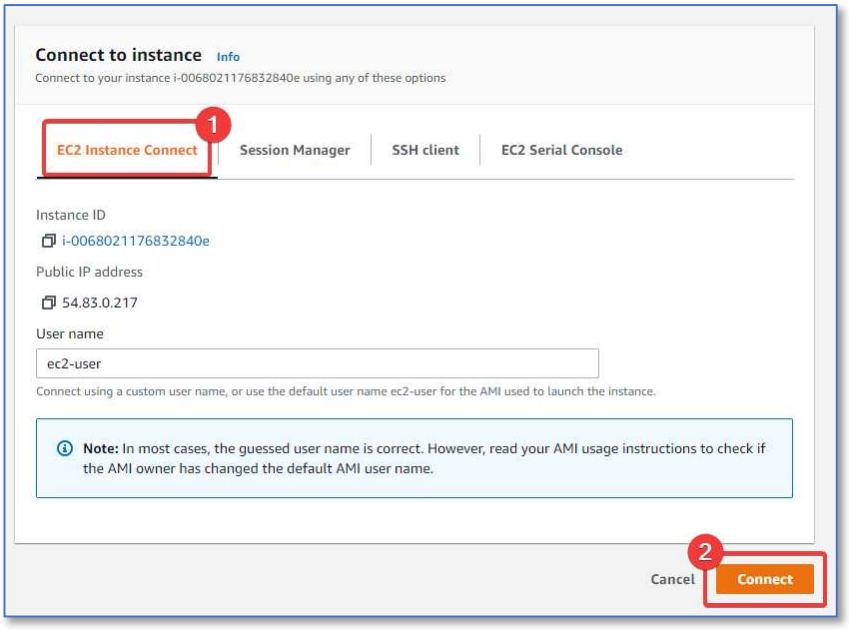


Click *Connect*

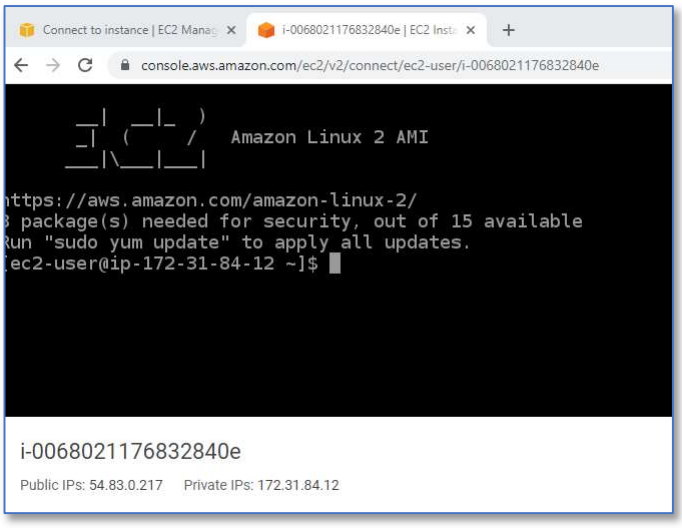


Select *EC2 Instance Connect*

Click *Connect*



You will now be connected to Linux operating system.

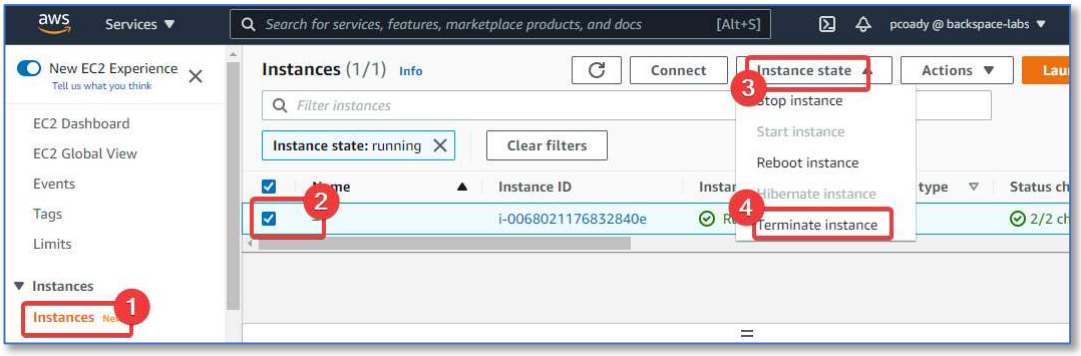


Clean Up

Go back to the *Instances* Page

Select *Instance state*

Click *Terminate instance*



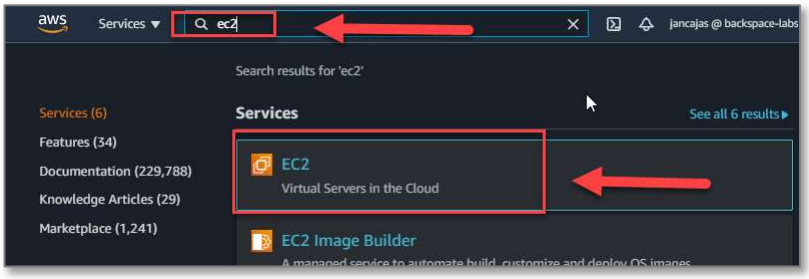
Connecting to EC2 Windows

In this section, we will use an RDP client to connect to the Windows operating system of an EC2 instance.

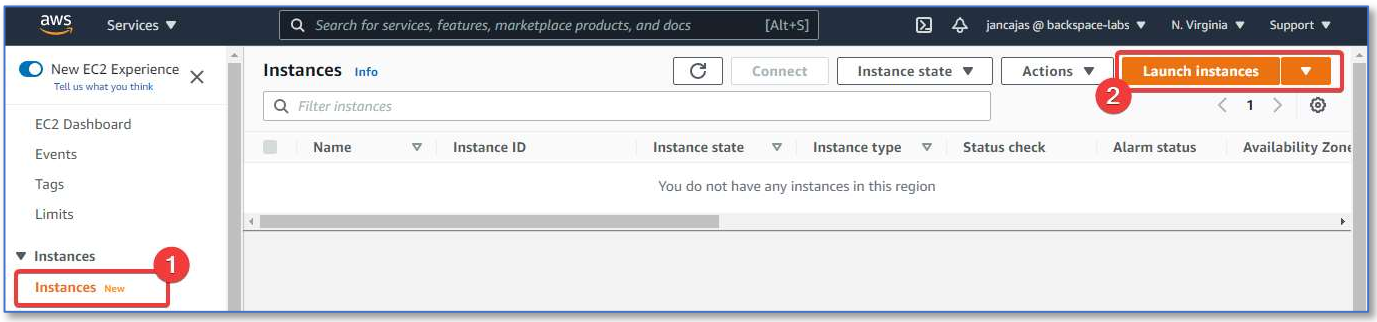
Launch an EC2 Instance

From the AWS console search *EC2*

Click *EC2*

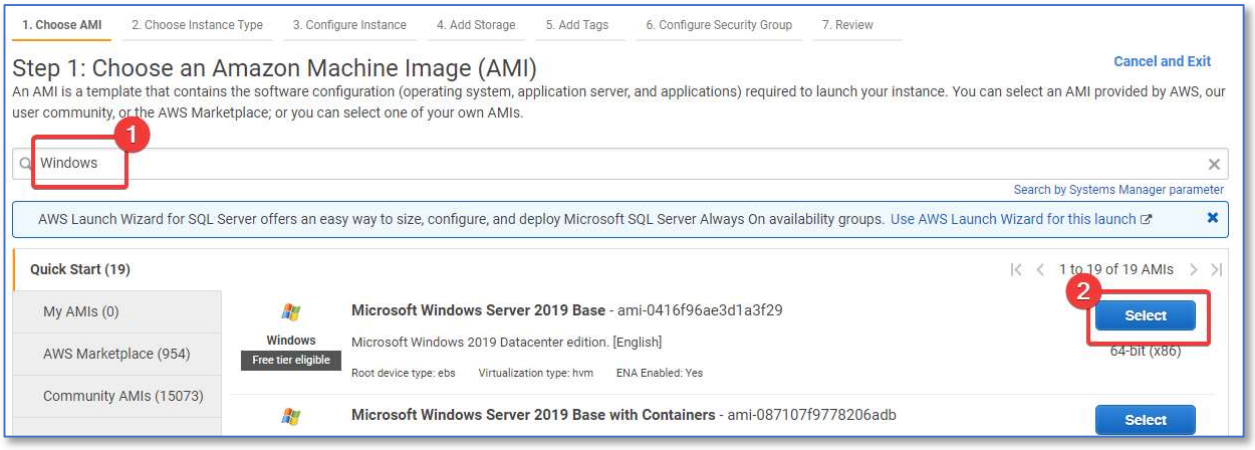


Select *Instances -> Launch Instances*



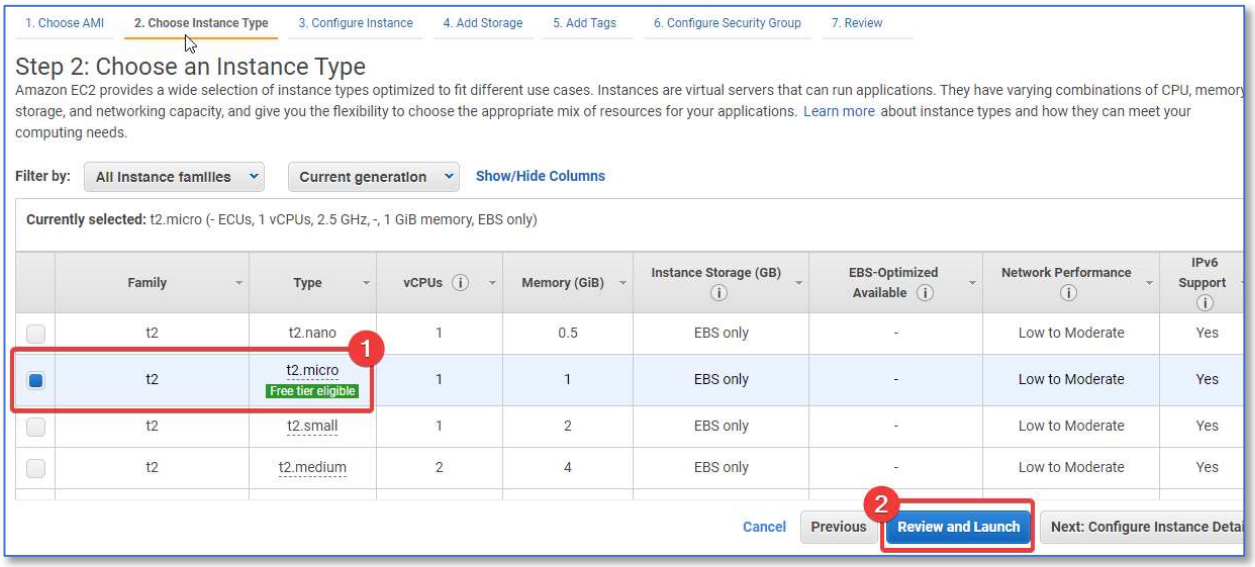
Search for Windows AMI

Click *Select*



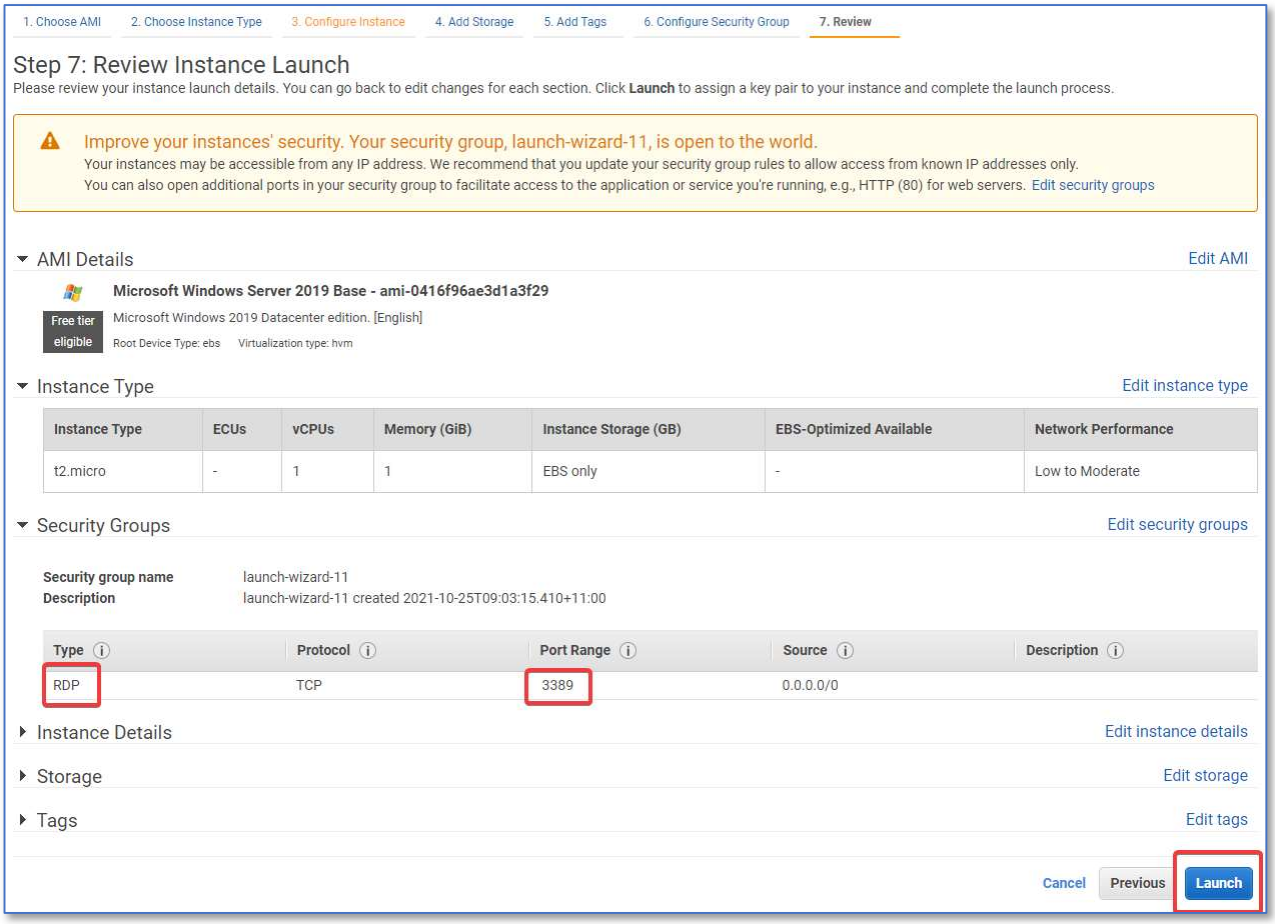
Select a *t2.micro* instance type

Click *Review and Launch*



Check that an inbound security group rule for RDP on port 3389 has been created automatically for us.

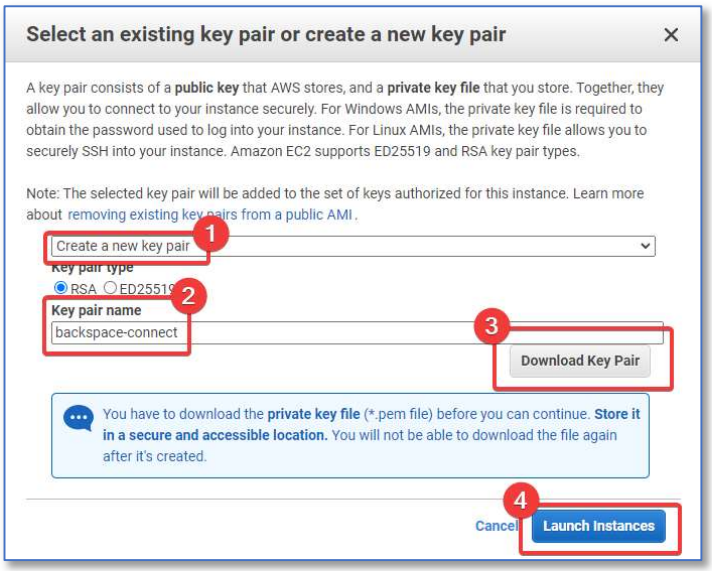
Click *Launch*



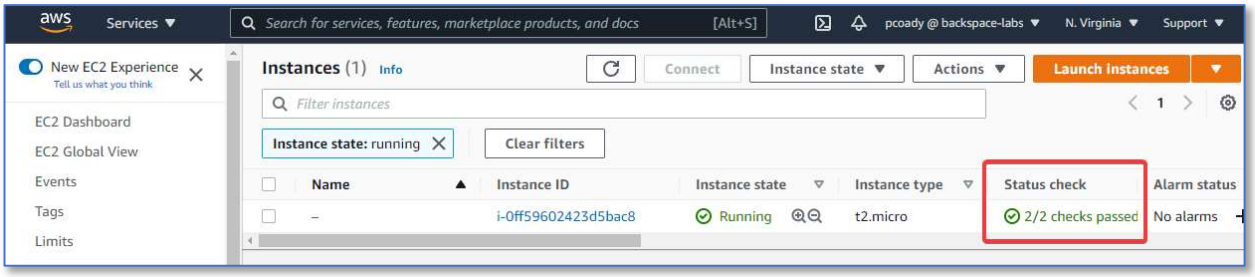
Select a *Create a new key pair*

Click *Download key pair*

Click *Launch instances*



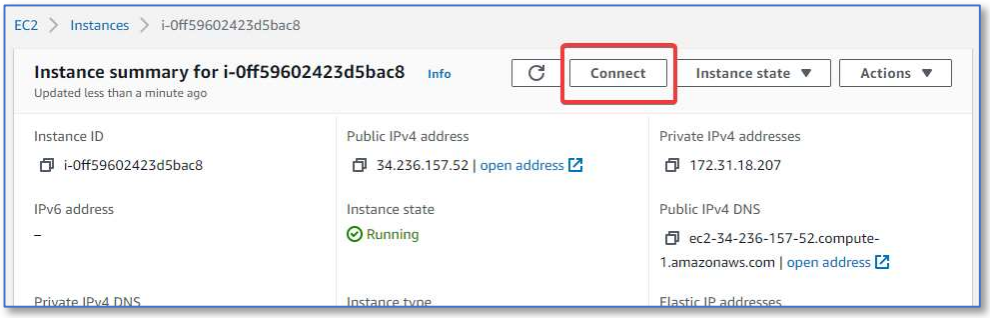
Wait until *Status checks* have passed



Connect to Instance

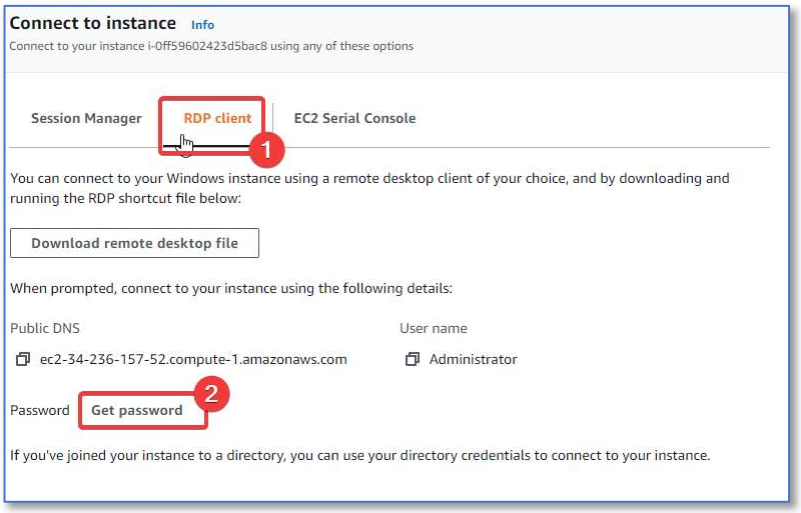
Select the instance

Click *Connect*



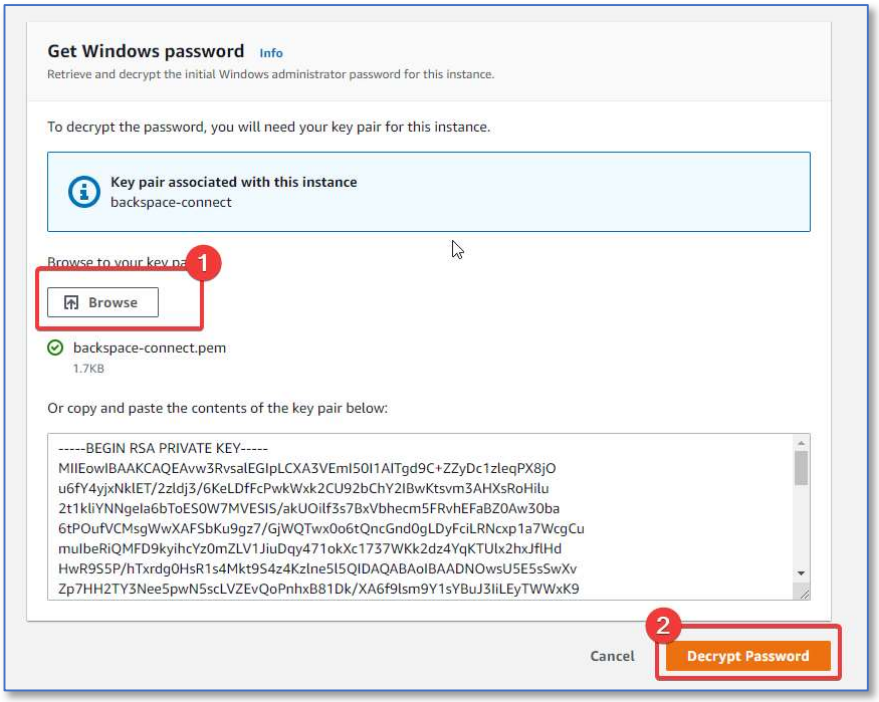
Select *RDP client*

Click *Get password*

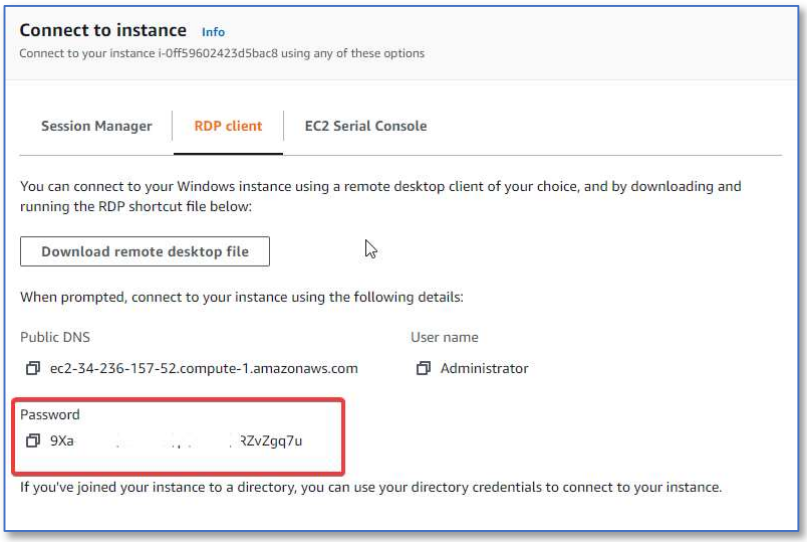


Browse for the PEM file you created when launching the instance.

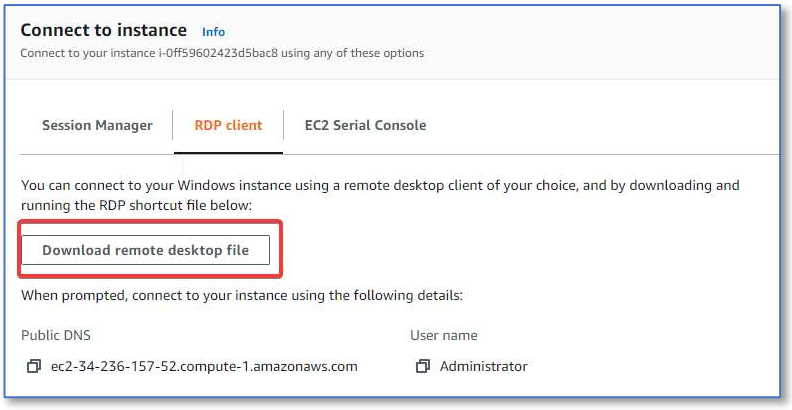
Click *Decrypt Password*



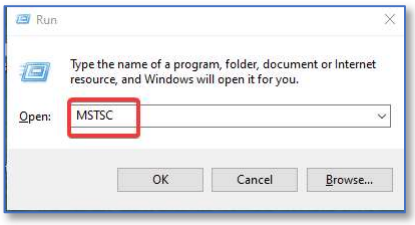
Your password has now been decrypted



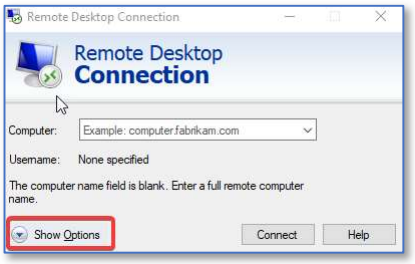
Click *Download remote desktop file*



From your Windows computer run *MSTSC* (or search *MSTSC* from the task bar) to open the Remote Desktop Connection app



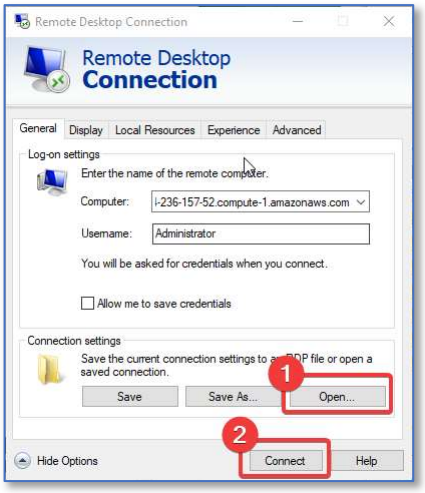
Click *Show Options*



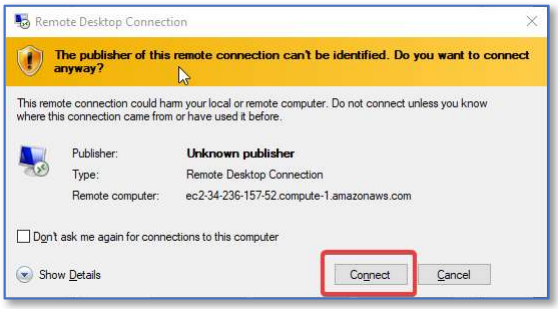
Click *Open*

Select the RDP file you just downloaded

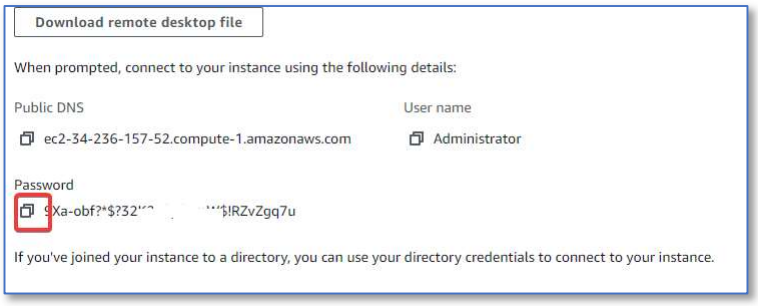
Click *Connect*



Click *Connect*

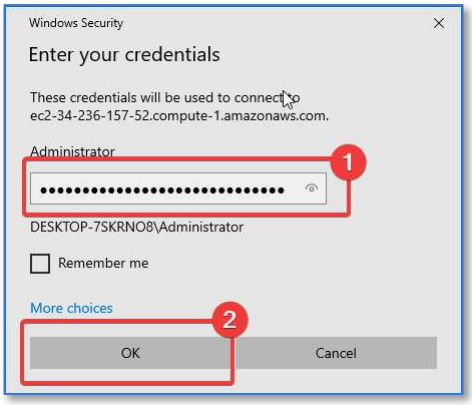


Go back to the EC2 console and copy the administrator password



Go back to then RDP app and paste in the password

Click *OK*

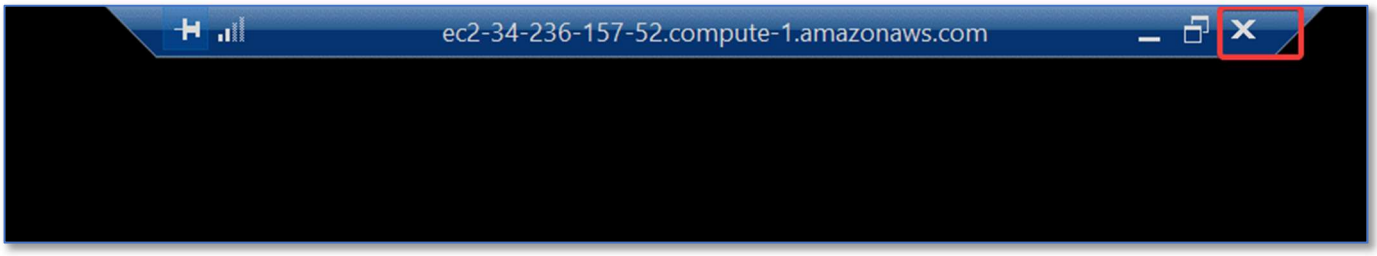


Click *Yes*

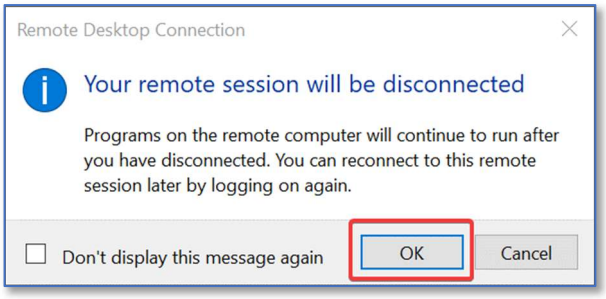
After about 5 minutes your remote desktop environment will have been created.

Clean Up

Close out of the RDP environment



You can now disconnect from the session



Go back to the EC2 console and terminate the instance