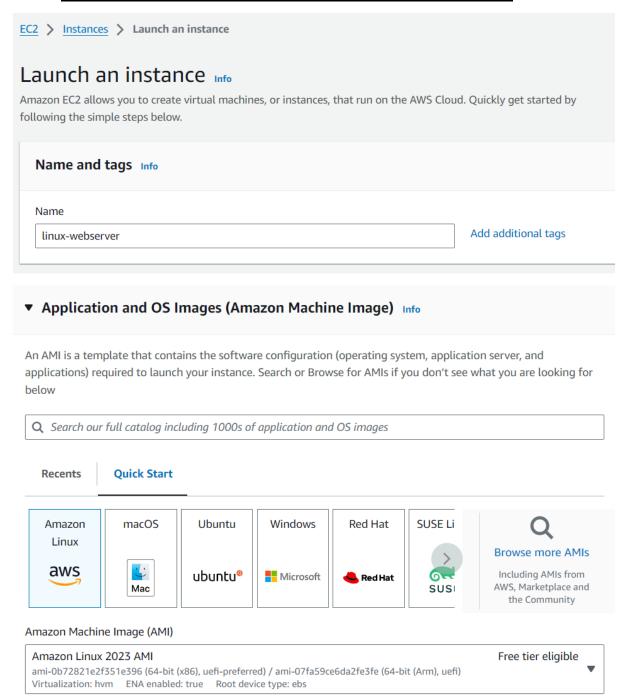
Task 13: Launch an EC2 instance (Linux and Windows) along with a web server. Then, create an EBS volume of 5 GB, attach it to an EC2 machine (Linux and Windows), and take a snapshot. Finally, create an EBS volume using the taken snapshot.

1. Launch an EC2 instance (amazon Linux) along with a web server:



▼ Network settings Info Network Info vpc-0b21781614914fdfd Subnet Info No preference (Default subnet in any availability zone) Auto-assign public IP Info Enable Additional charges apply when outside of free tier allowance Firewall (security groups) Info A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reac instance. Select existing security group Create security group We'll create a new security group called 'launch-wizard-5' with the following rules: ☐ Allow SSH traffic from Helps you connect to your instance ✓ Allow HTTPS traffic from the internet To set up an endpoint, for example when creating a web server ☐ Allow HTTP traffic from the internet To set up an endpoint, for example when creating a web server Edit inbound rules Info ound rules control the incoming traffic that's allowed to reach the instance Inbound rules Info Security group rule ID Description - optional Info Type Info Port range Source Info sgr-09d0483aba8f12676 ▼ TCP 443 HTTPS Custom ▼ Q Delete 0.0.0.0/0 🗙 Inbound rules (1) C Edit inbound rules Manage tags < 1 > @ Q Search

Type

Protocol

TCP

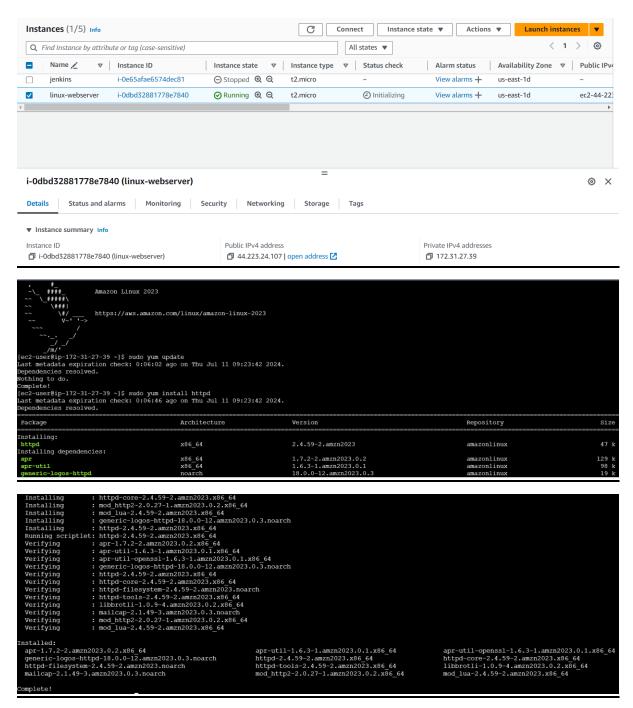
Port range

443

Name

▼ Security group rule... ▼ IP version

sgr-09d0483aba8f12676

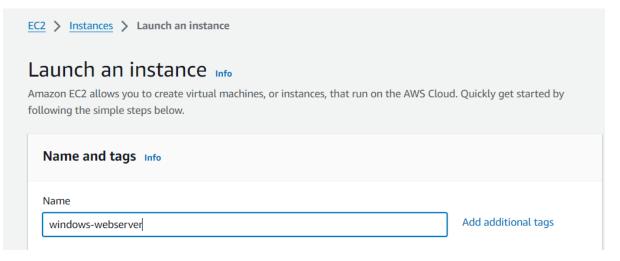


[ec2-user@ip-172-31-27-39 ~]\$ sudo service httpd start Redirecting to /bin/systemctl start httpd.service



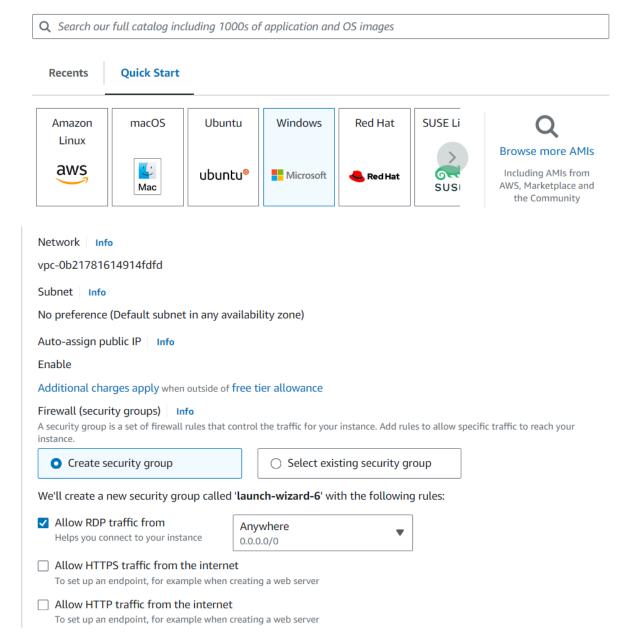
It works!

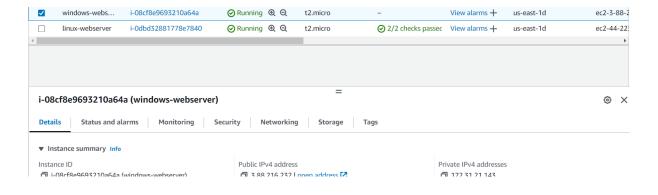
2. Launch an EC2 instance (windows) along with a web server:

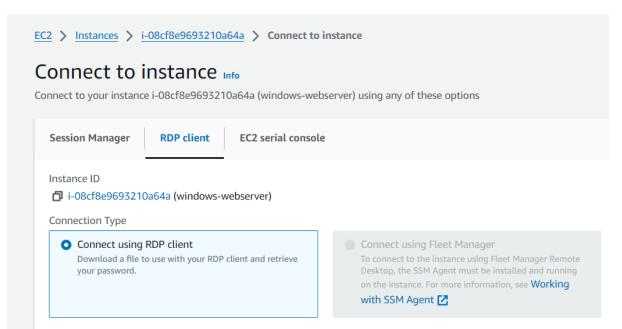


▼ Application and OS Images (Amazon Machine Image) Info

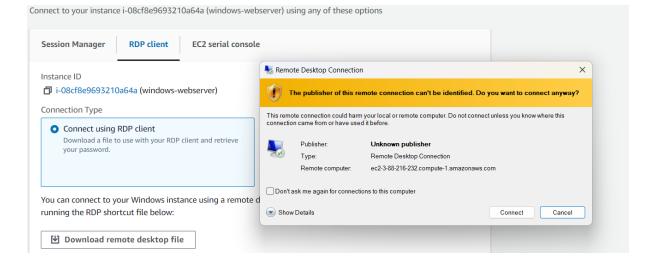
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below



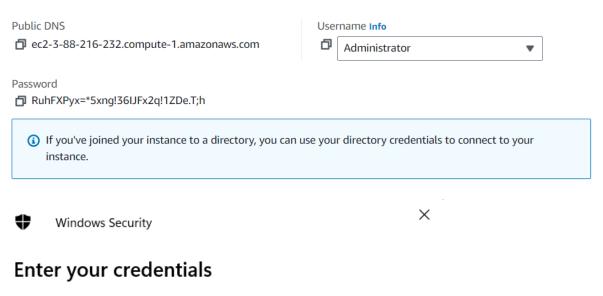




You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:



When prompted, connect to your instance using the following username and password:



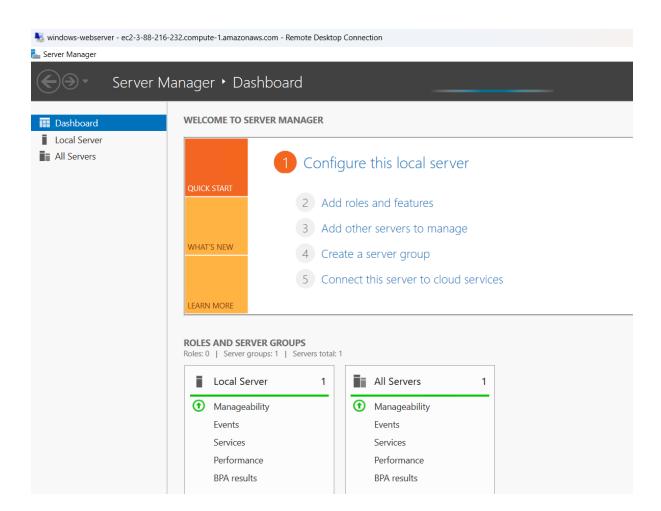
These credentials will be used to connect to ec2-3-88-216-232.compute-1.amazonaws.com.

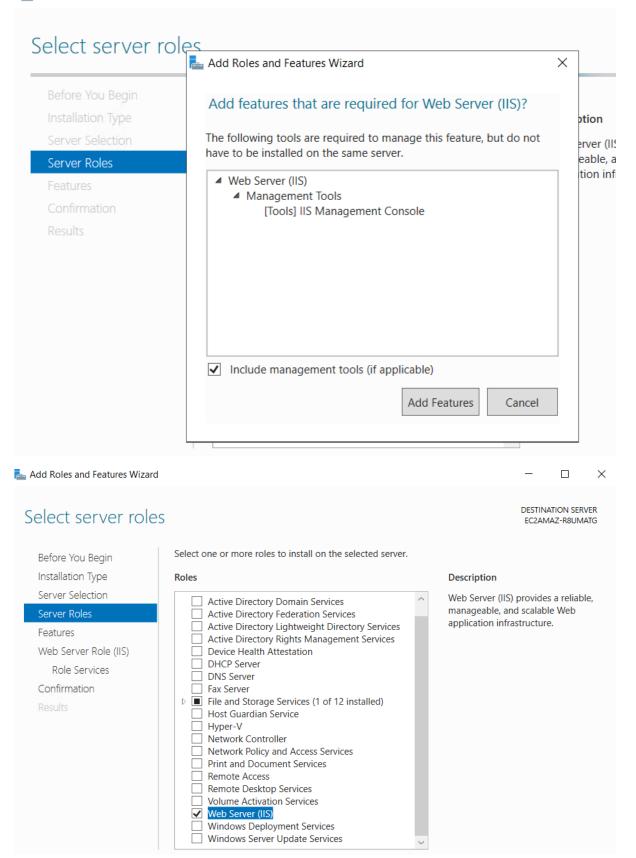
More choices

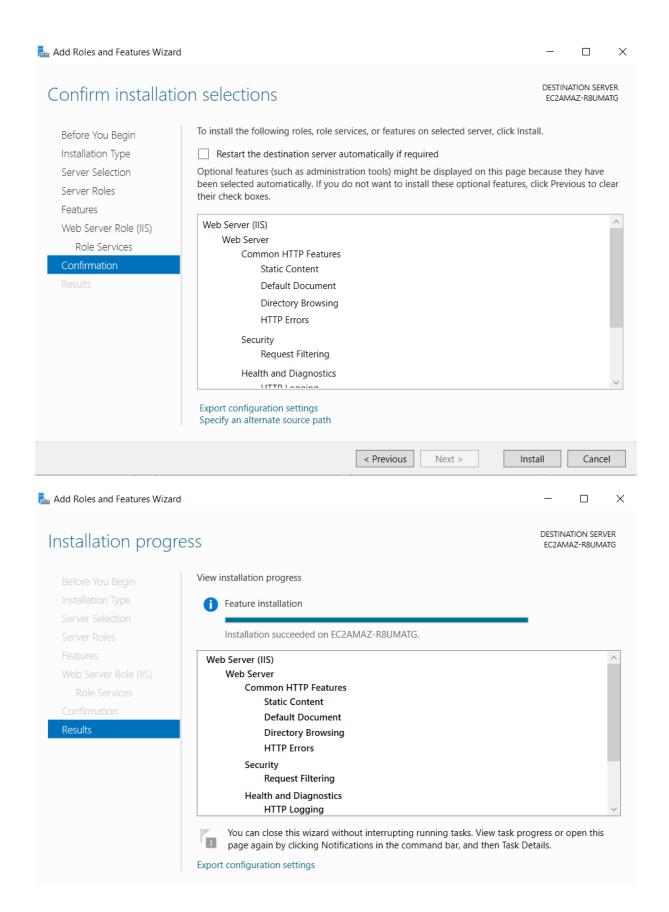


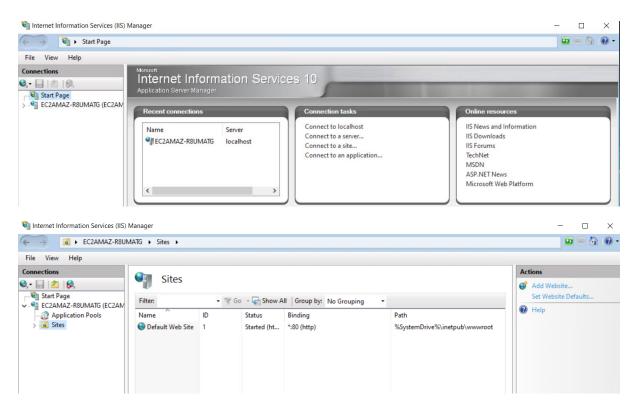




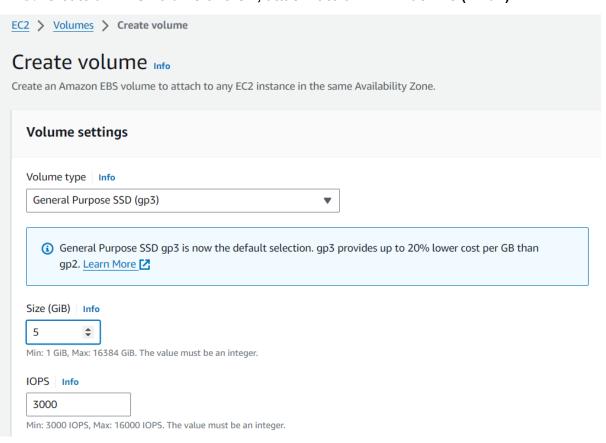


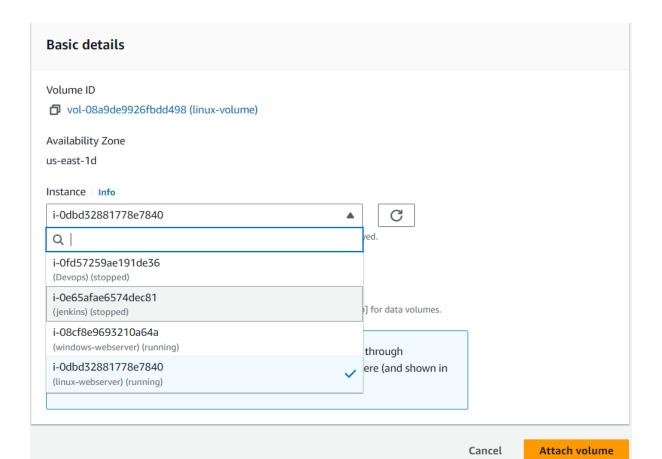






3. create an EBS volume of 5 GB, attach it to an EC2 machine (Linux):





Volume ID
 vol-08a9de9926fbdd498 (linux-volume)

Availability Zone
us-east-1d

Instance Info
i-0dbd32881778e7840

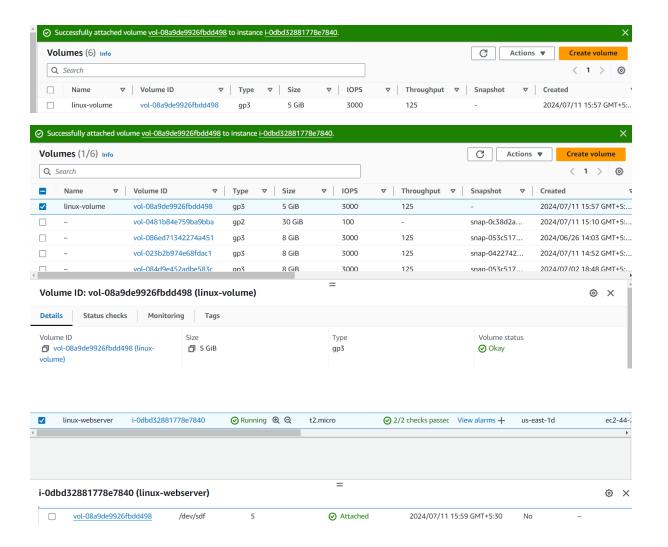
Only instances in the same Availability Zone as the selected volume are displayed.

Device name Info

/dev/sdf

Recommended device names for Linux: /dev/xvda for root volume. /dev/sd[f-p] for data volumes.

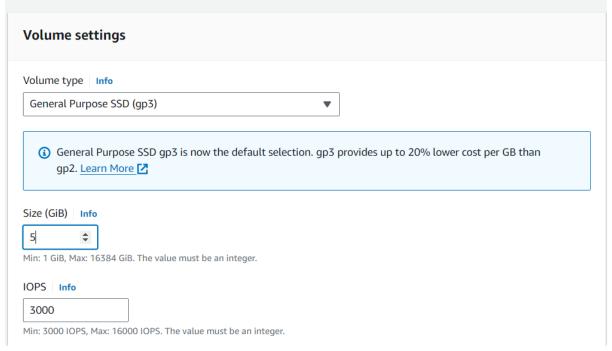
③ Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdp internally, even when the device name entered here (and shown in the details) is /dev/sdf through /dev/sdp.

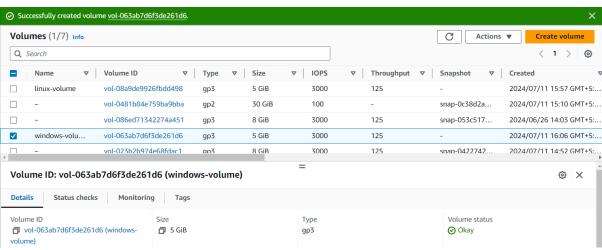


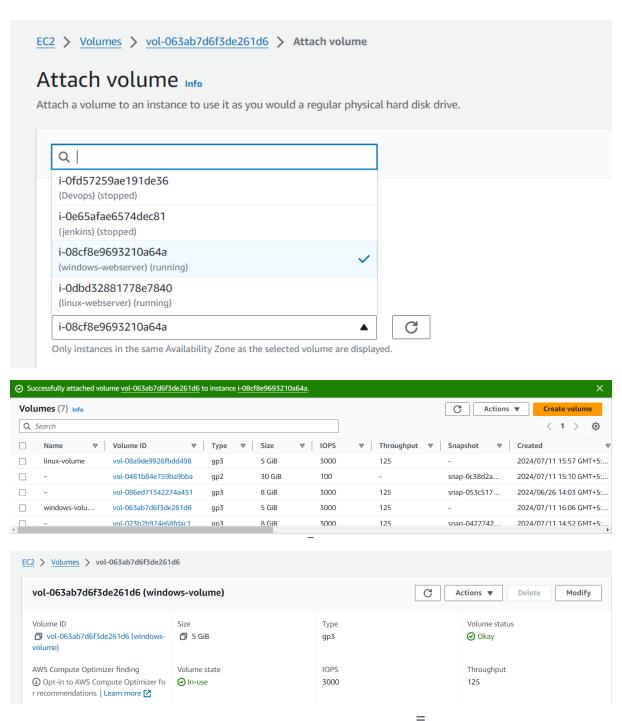
4. create an EBS volume of 5 GB, attach it to an EC2 machine (windows):

Create volume Info

Create an Amazon EBS volume to attach to any EC2 instance in the same Availability Zone.

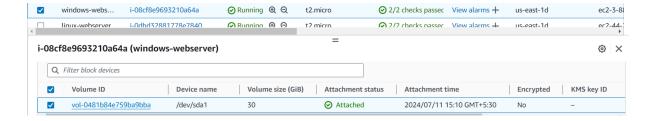




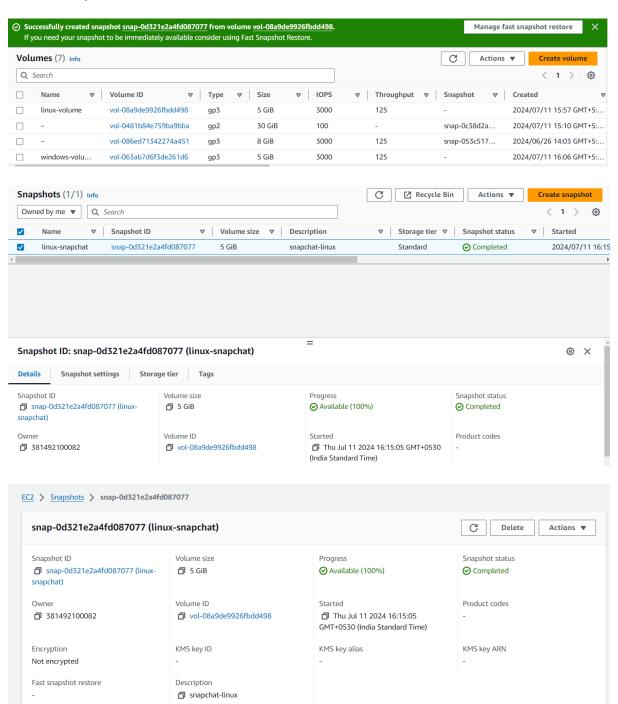


Volume ID: vol-063ab7d6f3de261d6 (windows-volume)

Details Status checks Monitoring Tags		
Volume ID To vol-063ab7d6f3de261d6 (windows-volume)	Size 5 GiB	Type gp3



5. snapshot for Linux:



6. snapshot for windows:

Create snapshot Info

Create a point-in-time snapshot to back up the data on an Amazon EBS volume to Amazon S3.

