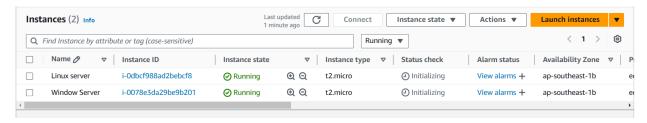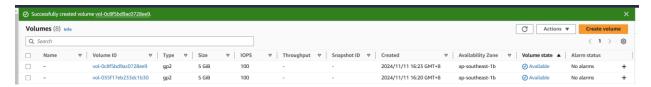# AWS Task-4

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 (Linux and Windows) along with a web server.
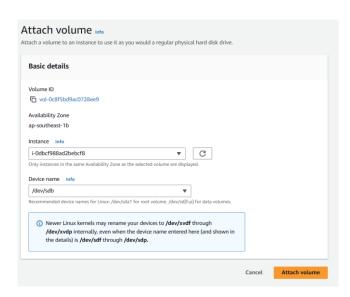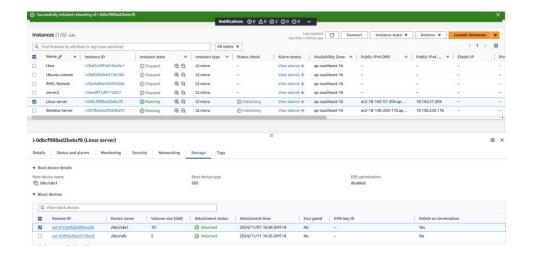   - EC2 (Linux)
   - EC2(Windows)

2. create an EBS volume of 5 GB, attach it to an EC2 machine (Linux and Windows)
   - 5GB EBS volume
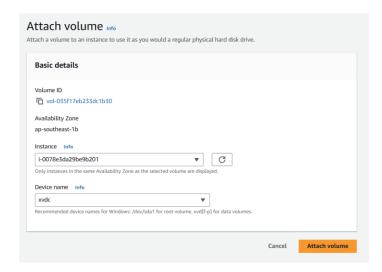

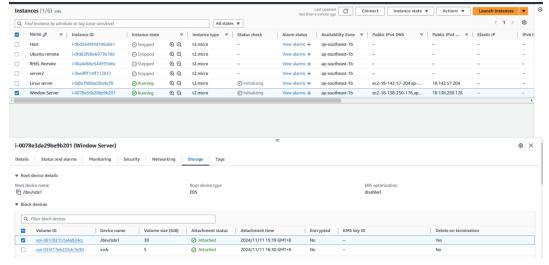   - Attached to EC2 machine (Linux and Windows)
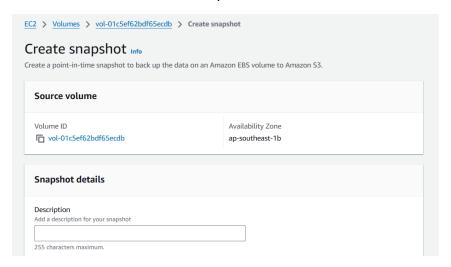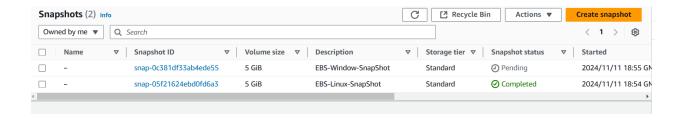   - Action – Attached Volume

Linux

Notifications ⊗0 ⚠0 ⊘2 ⊙0 ⊖0 ⌄

Instances (1/6) Info

Last updated less than a minute ago | Connect | Instance state ▾ | Actions ▾ | **Launch instances** ▾

Find Instance by attribute or tag (case-sensitive) | All states ▾

⟨ 1 ⟩ ⚙

	Name ✏	Instance ID	Instance state		Instance type		Status check	Alarm status	Availability Zone		Public IPv4 DNS		Public IPv4 ...		Elastic IP		IPv
☐	Host	i-0bd5449f4d746a0e1	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☐	Ubuntu remote	i-0fd82fb8e6973b78d	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☐	RHEL Remote	i-06a4d66e544935b6c	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☐	server2	i-0eedfff1dff712837	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☑	Linux server	i-0dbcf988ad2bebcf8	⊘ Running	⊕⊖	t2.micro		⊘ Initializing	View alarms +	ap-southeast-1b		ec2-18-142-57-204.ap-...		18.142.57.204		–		–
☐	Window Server	i-0078e3da29be9b201	⊘ Running	⊕⊖	t2.micro		⊘ Initializing	View alarms +	ap-southeast-1b		ec2-18-138-250-176.ap...		18.138.250.176		–		–

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i-0dbcf988ad2bebcf8 (Linux server) ⚙ ✕

Details | Status and alarms | Monitoring | Security | Networking | **Storage** | Tags

▼ Root device details

Root device name
⎘ /dev/sda1

Root device type
EBS

EBS optimization
disabled

▼ Block devices

Filter block devices

	Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID	Delete on termination
☑	vol-01c5ef62bdf65ecdb	/dev/sda1	10	⊘ Attached	2024/11/07 16:48 GMT+8	No	–	Yes
☐	vol-0c8f5bd9ac0728ee9	/dev/sdb	5	⊘ Attached	2024/11/11 16:26 GMT+8	No	–	No

Window

Attach volume Info

Attach a volume to an instance to use it as you would a regular physical hard disk drive.

Basic details

Volume ID
⎘ vol-035f17eb233dc1b30

Availability Zone
ap-southeast-1b

Instance   Info

i-0078e3da29be9b201 ▾ | ⟳

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

Device name   Info

xvdc ▾

Recommended device names for Windows: /dev/sda1 for root volume. xvd[f-p] for data volumes.

Cancel | **Attach volume**

Instances (1/6) Info

Last updated less than a minute ago | ⟳ | Connect | Instance state ▾ | Actions ▾ | **Launch instances** ▾

Find Instance by attribute or tag (case-sensitive) | All states ▾

⟨ 1 ⟩ ⚙

	Name ✏	Instance ID	Instance state		Instance type		Status check	Alarm status	Availability Zone		Public IPv4 DNS		Public IPv4 ...		Elastic IP		IPv6 I
☐	Host	i-0bd5449f4d746a0e1	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☐	Ubuntu remote	i-0fd82fb8e6973b78d	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☐	RHEL Remote	i-06a4d66e544935b6c	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☐	server2	i-0eedfff1dff712837	⊘ Stopped	⊕⊖	t2.micro		–	View alarms +	ap-southeast-1b		–		–		–		–
☐	Linux server	i-0dbcf988ad2bebcf8	⊘ Running	⊕⊖	t2.micro		⊘ Initializing	View alarms +	ap-southeast-1b		ec2-18-142-57-204.ap-...		18.142.57.204		–		–
☑	Window Server	i-0078e3da29be9b201	⊘ Running	⊕⊖	t2.micro		⊘ Initializing	View alarms +	ap-southeast-1b		ec2-18-138-250-176.ap...		18.138.250.176		–		–

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i-0078e3da29be9b201 (Window Server) ⚙ ✕

Details | Status and alarms | Monitoring | Security | Networking | **Storage** | Tags

▼ Root device details

Root device name
⎘ /dev/sda1

Root device type
EBS

EBS optimization
disabled

▼ Block devices

Filter block devices

	Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KMS key ID	Delete on termination
☑	vol-061c92151a4a924cc	/dev/sda1	30	⊘ Attached	2024/11/11 15:19 GMT+8	No	–	Yes
☐	vol-035f17eb233dc1b30	xvdc	5	⊘ Attached	2024/11/11 16:30 GMT+8	No	–	No

3. take a snapshot.
   - Volume – create SnapShot

4. create an EBS volume using the taken snapshot.
   - Action – create volume from snapshot.