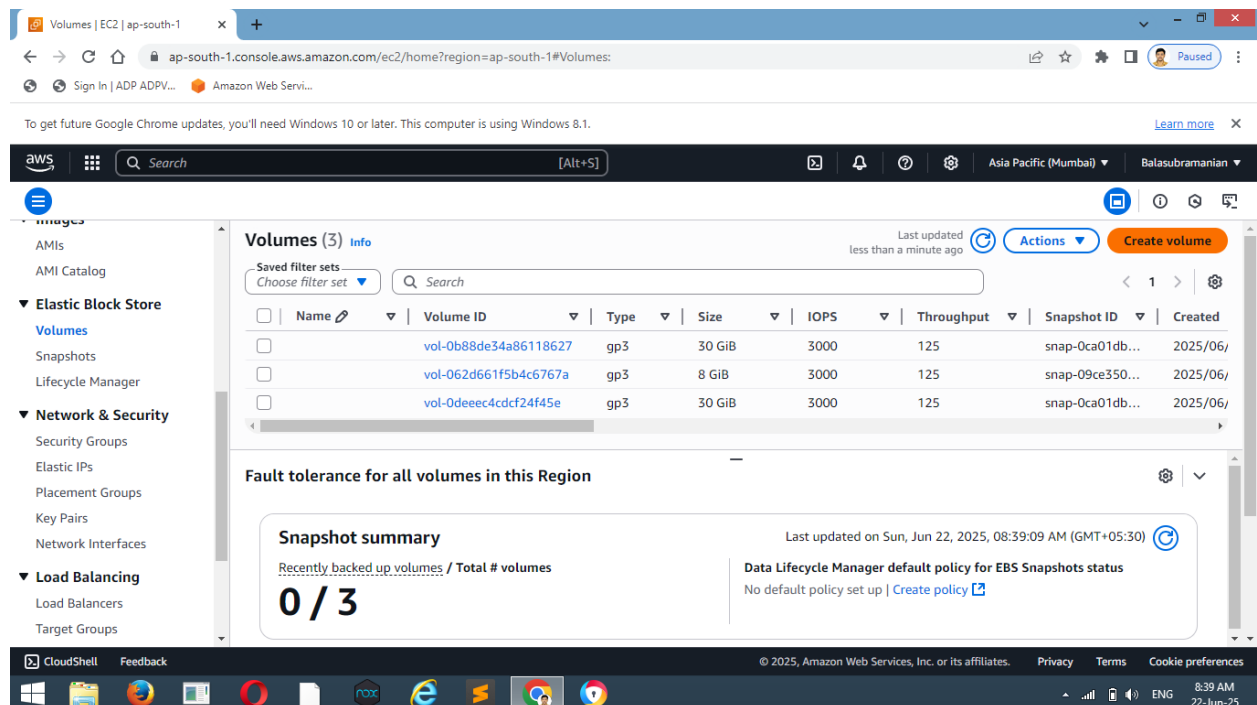
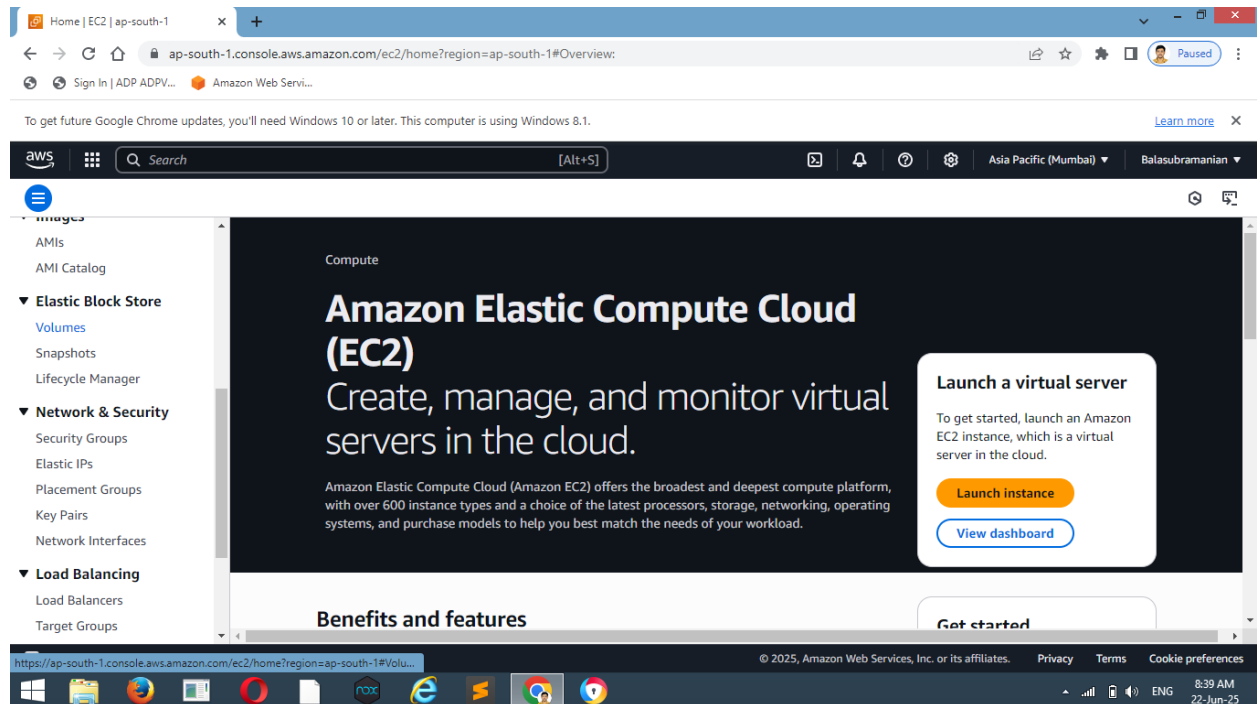


## CREATE ELASTIC BLOCK STORE (EBS) AND ATTACHED TO EC2 INSTANCE

### STEP 1: GO TO EC2 AND CLICK ELASTIC BLOCK STORE VOLUME



**STEP 2: CREATE VOLUME, I WILL CHOOSE VOLUME TYPE AS **GENERAL PURPOSE SSD** TYPE AND SIZE 10GB THEN CHOOOSE AVAILABILE ZONE AS **AP-SOUTH-1B** AS SAME AS WHICH EC2 SERVER IS CONNECTED THAT AVAILABILIBTY ZONE ONLY WE CHOOSSED**

Create volume | EC2 | ap-south-1 x

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateVolume:

To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 8.1.

aws Search [Alt+S] Asia Pacific (Mumbai) Balasubramanian

EC2 > Volumes > Create volume

### Create volume [Info](#)

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

#### Volume settings

**Volume type** [Info](#)

General Purpose SSD (gp3)

**Size (GiB)** [Info](#)

10

Min: 1 GiB, Max: 16384 GiB.

**IOPS** [Info](#)

3000

Min: 3000 IOPS, Max: 16000 IOPS.

**Throughput (MiB/s)** [Info](#)

125

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Create volume | EC2 | ap-south-1 x

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateVolume:

To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 8.1.

aws Search [Alt+S] Asia Pacific (Mumbai) Balasubramanian

EC2 > Volumes > Create volume

### Create volume [Info](#)

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

3000

Min: 3000 IOPS, Max: 16000 IOPS.

**Throughput (MiB/s)** [Info](#)

125

Min: 125 MiB, Max: 1000 MiB. Baseline: 125 MiB/s.

**Availability Zone** [Info](#)

ap-south-1b

Q |

ap-south-1a

ap-south-1b ✓

ap-south-1c

☐ Encrypt this volume

#### Tags - optional [Info](#)

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### STEP 3: CREATED VOLUME SUCCESSFULLY

Successfully created volume **vol-09ff4e4a43c137097**.

**Volumes (3)** Info

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
	vol-0b88de34a86118627	gp3	30 GiB	3000	125	snap-0ca01db...	2025/06/
	vol-062d661f5b4c6767a	gp3	8 GiB	3000	125	snap-09ce350...	2025/06/
	vol-09ff4e4a43c137097	gp3	10 GiB	3000	125		

**Snapshot summary**

Recently backed up volumes / Total # volumes  
**0 / 3**

Last updated on Sun, Jun 22, 2025, 08:39:09 AM (GMT+05:30)

**Data Lifecycle Manager default policy for EBS Snapshots status**  
No default policy set up | [Create policy](#)

### STEP 4: CHOOSE CREATED VOLUME THAT IS ATTACHED TO THE EC2 INSTANCE

**Volumes (1/4)** Info

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
<input checked="" type="checkbox"/>	vol-09ff4e4a43c137097	gp3	10 GiB	3000	125		
<input type="checkbox"/>	vol-0b88de34a86118627	gp3	30 GiB	3000	125	01db...	2025/06/
<input type="checkbox"/>	vol-062d661f5b4c6767a	gp3	8 GiB	3000	125	350...	2025/06/
<input type="checkbox"/>	vol-09ff4e4a43c137097	gp3	10 GiB	3000	125	01db...	2025/06/

**Volume ID: vol-09ff4e4a43c137097**

**Details** | Status checks | Monitoring | Tags

Volume ID	Size	Type	Status check
vol-09ff4e4a43c137097	10 GiB	gp3	✓ Okay

**AWS Compute Optimizer finding**  
Opt-in to AWS Compute Optimizer for recommendations. [Learn more](#)

**Volume state**  
Available

**IOPS**  
3000

**Throughput**  
125

Attach volume | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#AttachVolume:volumeId=vol-09ff4e4a43c137097

To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 8.1.

aws Search [Alt+S]

EC2 > Volumes > vol-09ff4e4a43c137097 > Attach volume

### Basic details

**Volume ID**  
vol-09ff4e4a43c137097

**Availability Zone**  
ap-south-1b

**Instance** [Info](#)  
i-0c8877efc25d138c2  
(Create-Windows-server) (running)  
Only instances in the same Availability Zone as the selected volume are displayed.

**Device name** [Info](#)  
xvdb  
Recommended device names for Windows: /dev/sda1 for root volume, xvdf[f-p] for data volumes.

[Cancel](#) [Attach volume](#)

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Volumes | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Volumes:

To get future Google Chrome updates, you'll need Windows 10 or later. This computer is using Windows 8.1.

aws Search [Alt+S]

Images AMIs AMI Catalog

**Elastic Block Store**

- Volumes
- Snapshots
- Lifecycle Manager

**Network & Security**

- Security Groups
- Elastic IPs
- Placement Groups
- Key Pairs
- Network Interfaces

**Load Balancing**

- Load Balancers
- Target Groups

Successfully attached volume vol-09ff4e4a43c137097 to instance i-0c8877efc25d138c2.

### Volumes (4) Info

Last updated less than a minute ago [Actions](#) [Create volume](#)

Saved filter sets Choose filter set Search

<input type="checkbox"/>	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
<input type="checkbox"/>		vol-09ff4e4a43c137097	gp3	10 GiB	3000	125	-	2025/06/
<input type="checkbox"/>		vol-0b88de34a86118627	gp3	30 GiB	3000	125	snap-0ca01db...	2025/06/

Fault tolerance for all volumes in this Region

### Snapshot summary

Recently backed up volumes / Total # volumes  
**0 / 3**

Last updated on Sun, Jun 22, 2025, 08:39:09 AM (GMT+05:30)

**Data Lifecycle Manager default policy for EBS Snapshots status**  
No default policy set up | [Create policy](#)

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## STEP 5: CONNECT EC2 INSTANCE ON REMOTE DESKTOP

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page displays a list of EC2 instances. The instance 'Create-Windows-s...' (ID: i-0c877efc25d138c2) is in the 'Running' state. The details for this instance are shown, including its public IPv4 address (13.201.82.93) and private IPv4 address (172.31.8.230). A tooltip indicates that the public IPv4 address has been copied.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
Create-Windows-s...	i-0c877efc25d138c2	Running	t3.micro	3/3 checks passed	View alarms +	ap-south-
create-linux-server	i-049361e33fc7c43c9	Stopped	t2.micro	-	View alarms +	ap-south-
bala-windows-pub...	i-0de613fd340790d05	Stopped	t3.micro	-	View alarms +	ap-south-

**i-0c877efc25d138c2 (Create-Windows-server)**

**Instance summary Info**

Instance ID: i-0c877efc25d138c2

Public IPv4 address: 13.201.82.93 | open address

Private IPv4 addresses: 172.31.8.230

IPv6 address: [empty]

Instance state: [empty]

Public DNS: [empty]

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The 'Instances' page displays a list of EC2 instances. The instance 'Create-Windows-s...' (ID: i-0c877efc25d138c2) is in the 'Running' state. The details for this instance are shown, including its public IPv4 address (13.201.82.93) and private IPv4 address (172.31.8.230). A Windows Security dialog box is overlaid, prompting for credentials to connect to the instance.

**Windows Security**

Enter your credentials

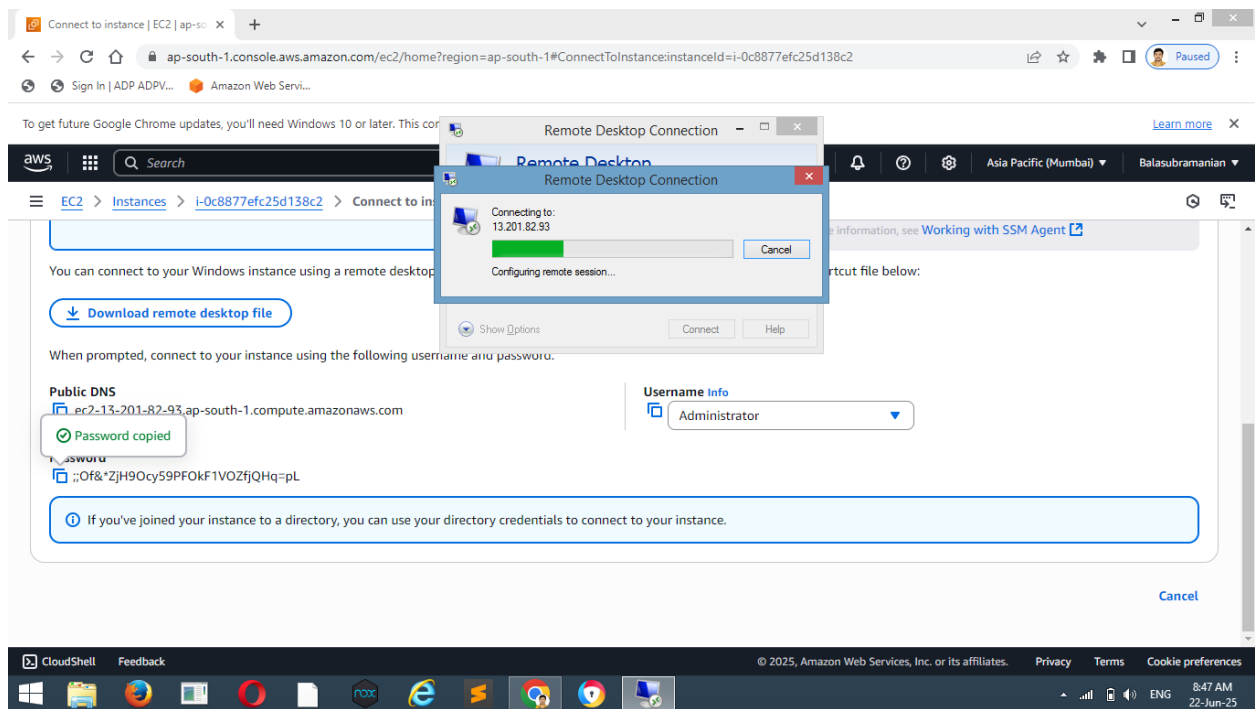
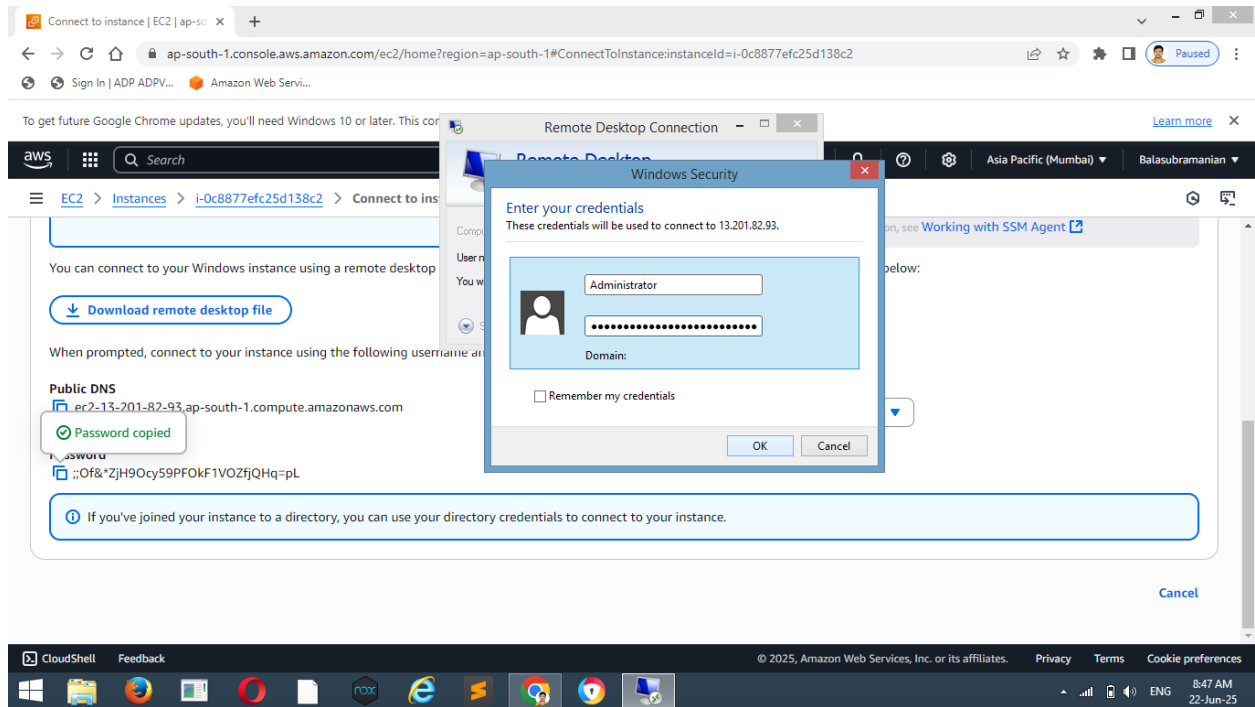
These credentials will be used to connect to 13.201.82.93.

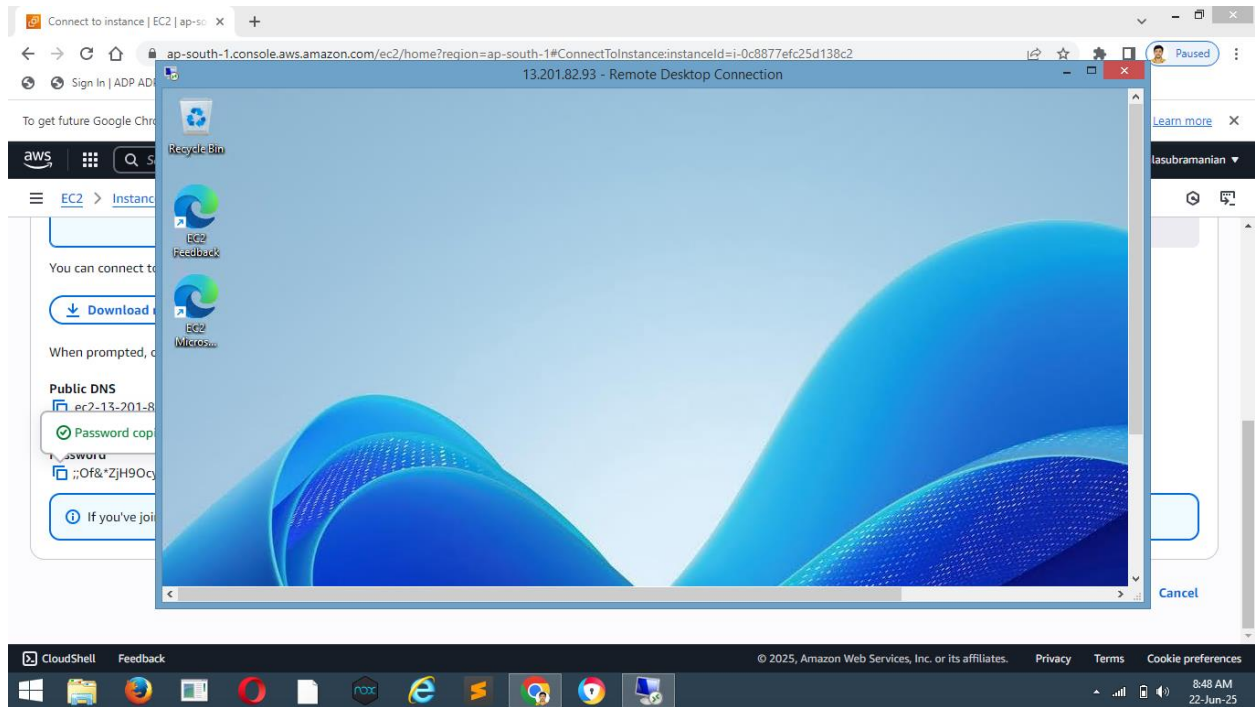
Just a moment

☐ Remember my credentials

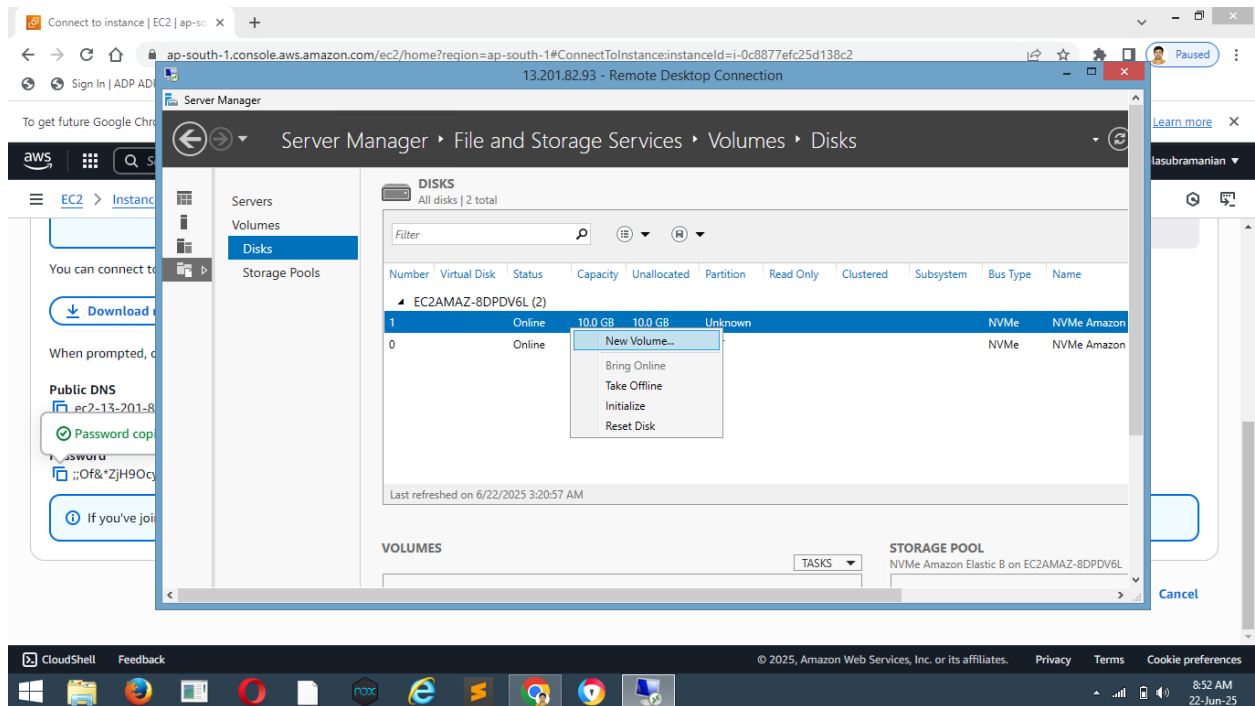
☐ Remember my credentials

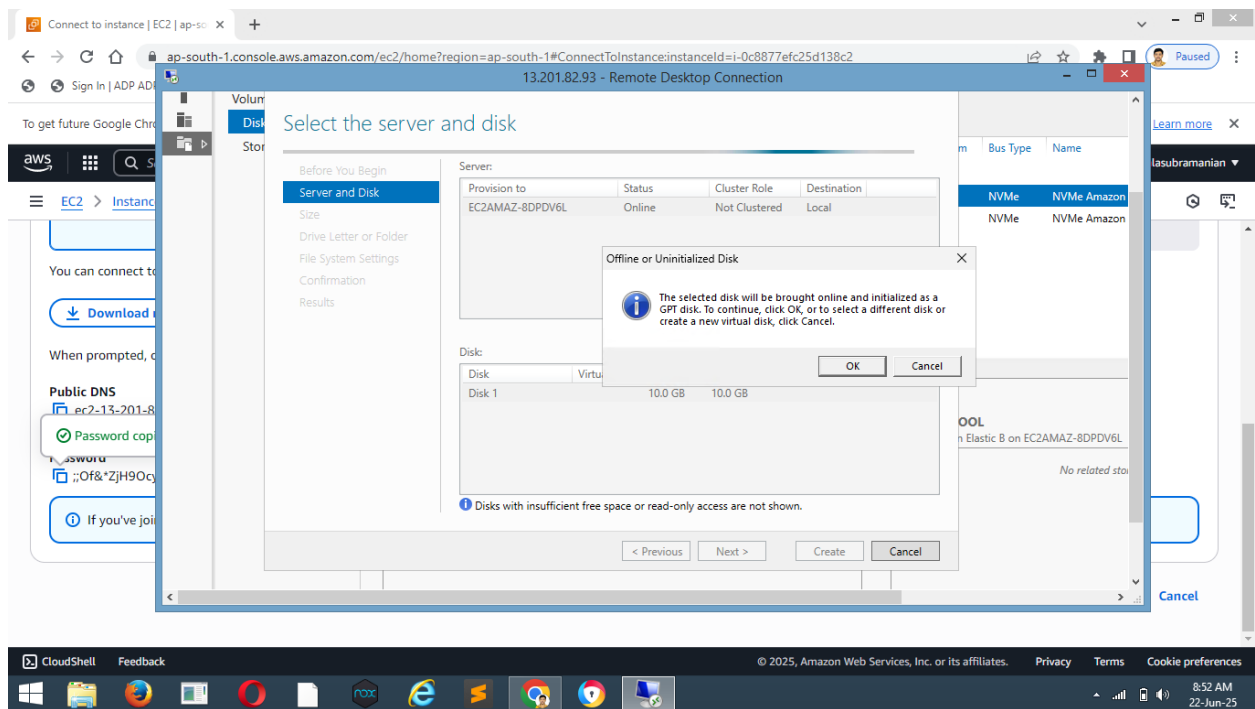
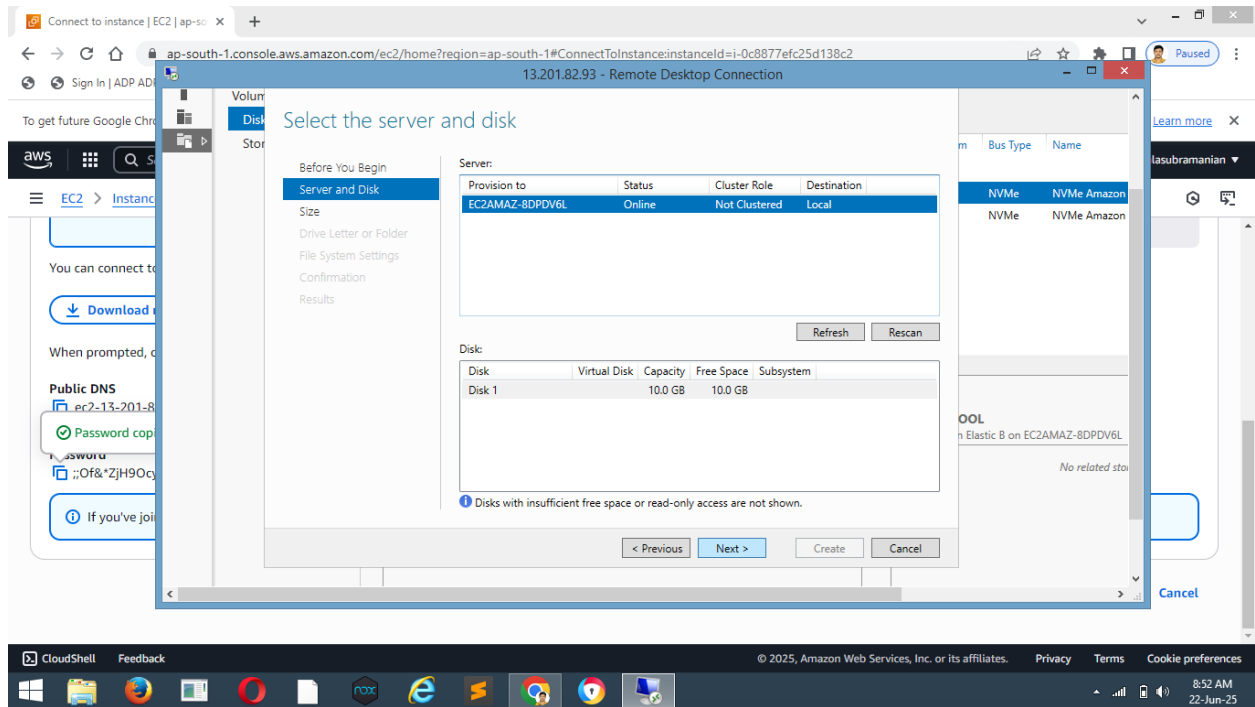
OK Cancel



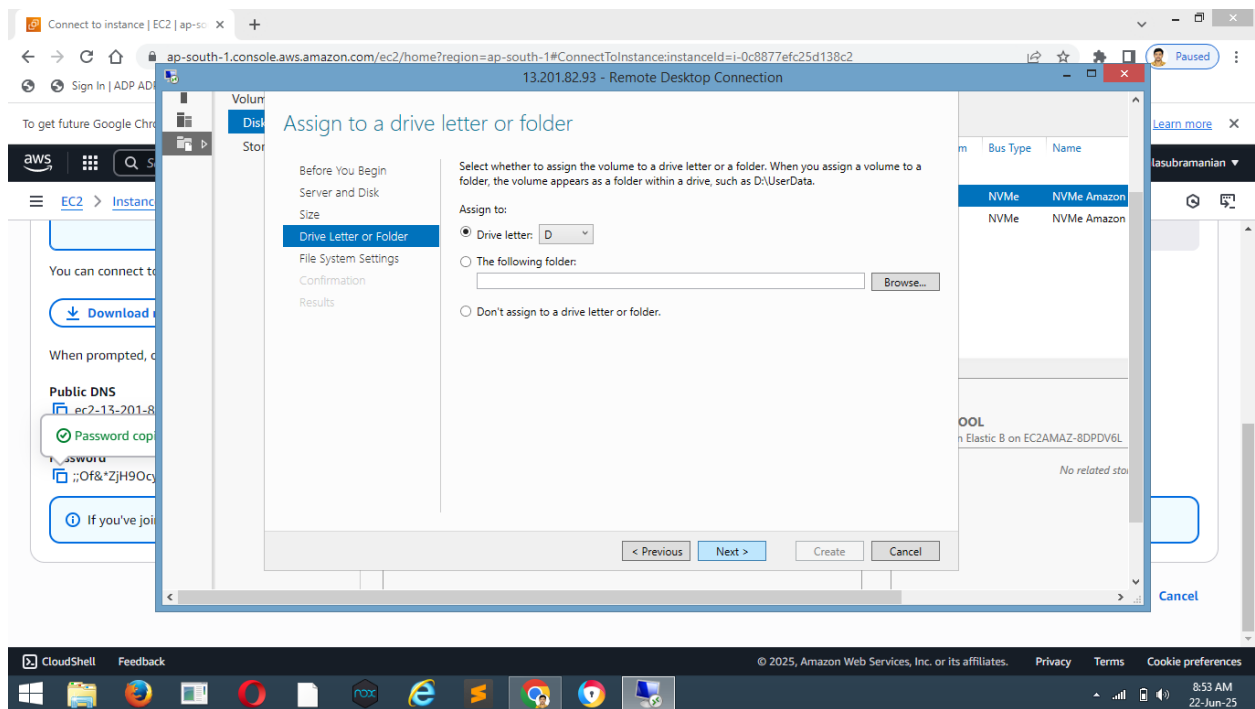
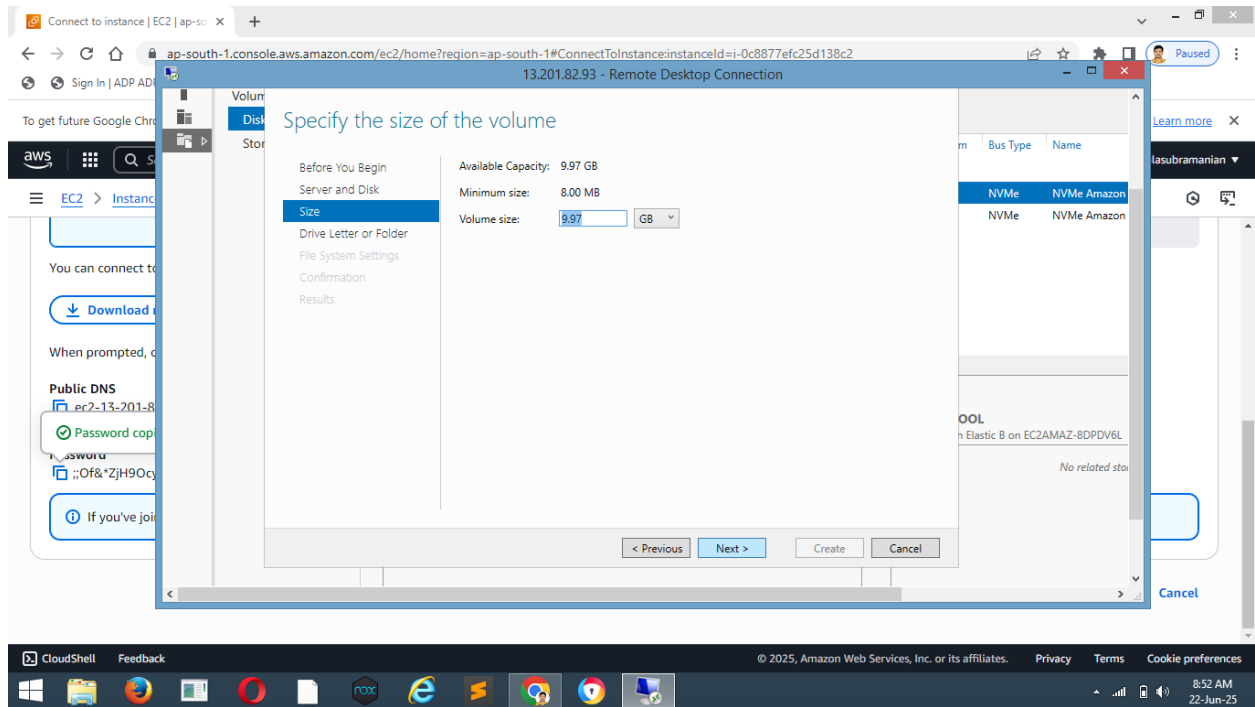


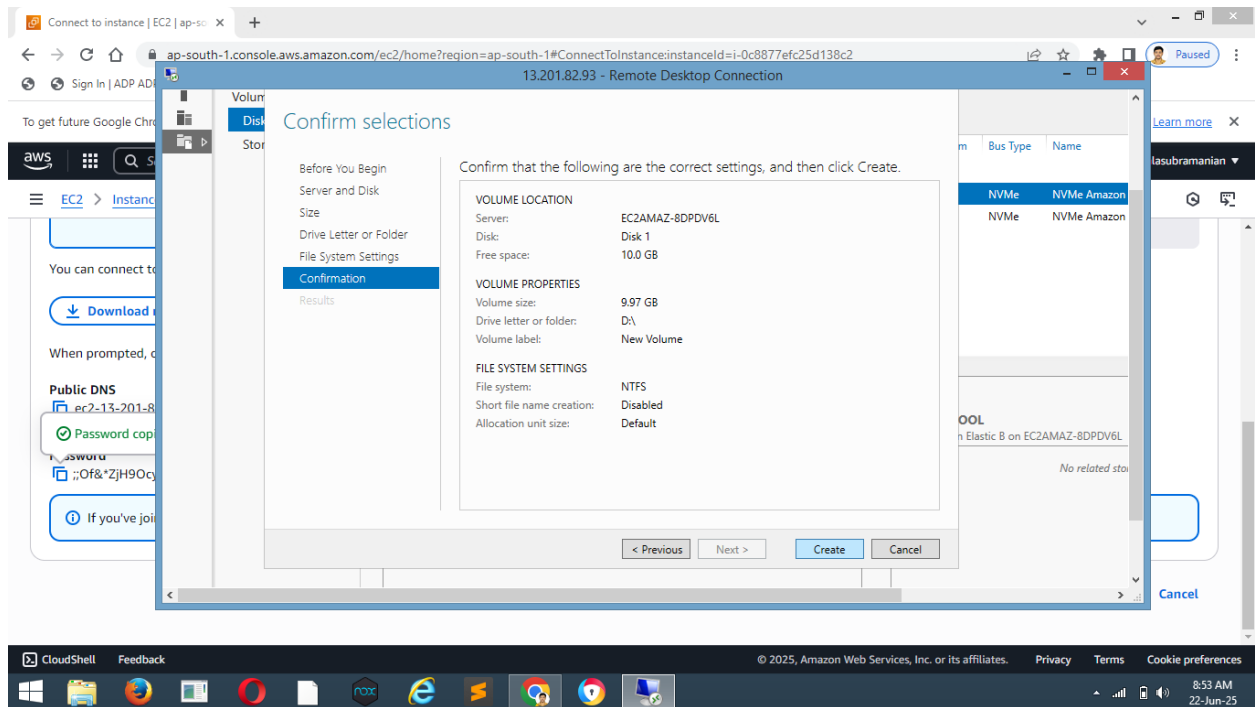
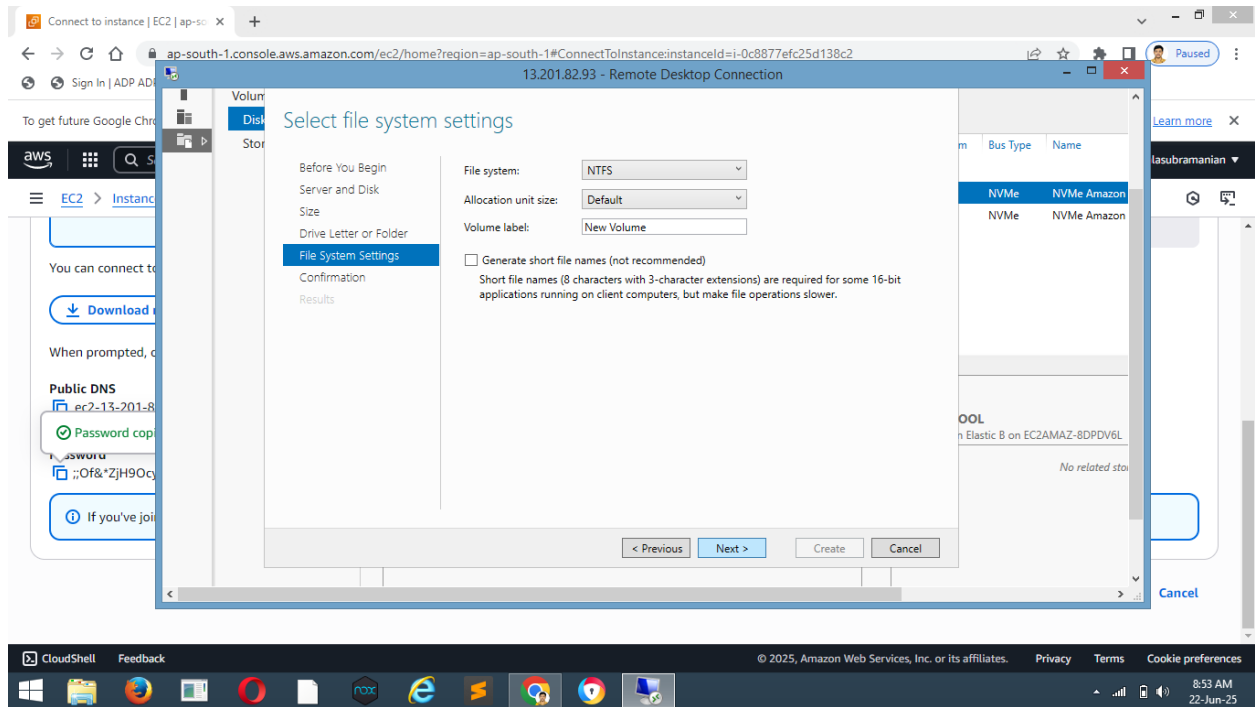
**STEP 6: ATTACHED DISK IS NOT SHOWING ON REMOTE SYSTEM SO WE HAVE TO RIGHT CLICK ON THIS PC FOLDER AND GO TO DISKS OPTION AND CHOOSE NEW VOLUME TO INITIALISING PROCESS, ONCE COMPLETED THAT PROCESS THEN ONLY SHOWING DISK VOLUME.**











## STEP 7: FINALLY SUCCESSFULLY SHOWING THE DISK VOLUME ON REMOTE SERVER

