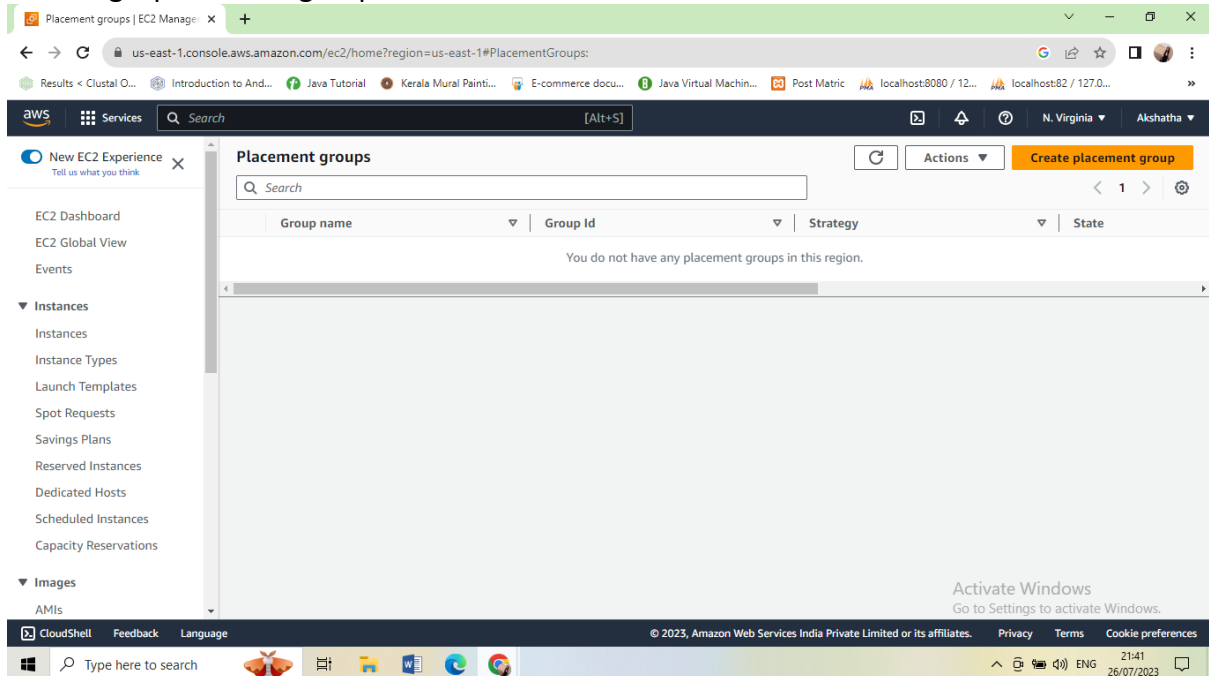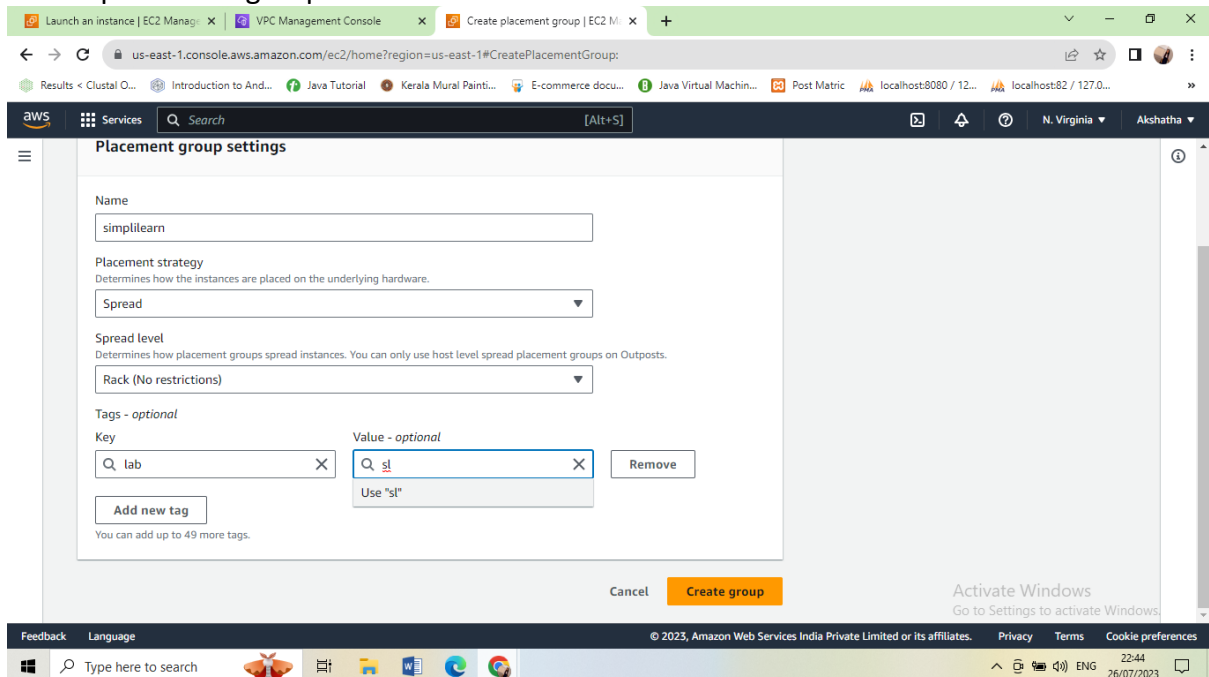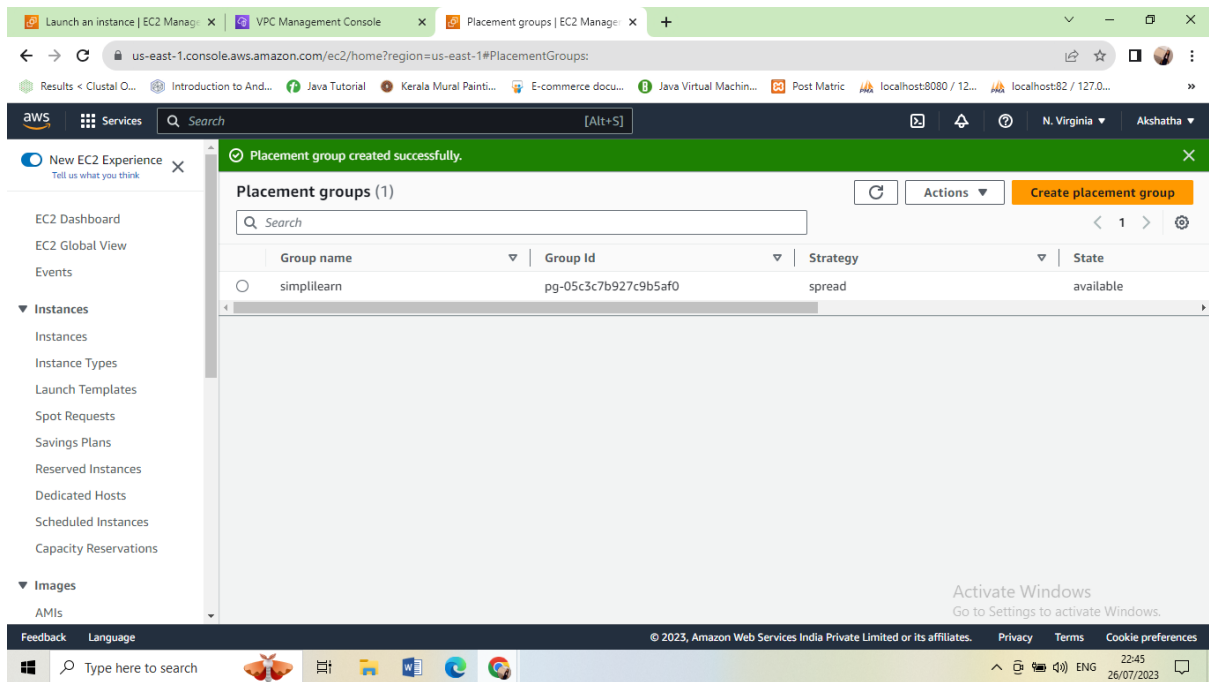# Phase5-3 Launch an Instance in a Placement Group

Creating a placement group

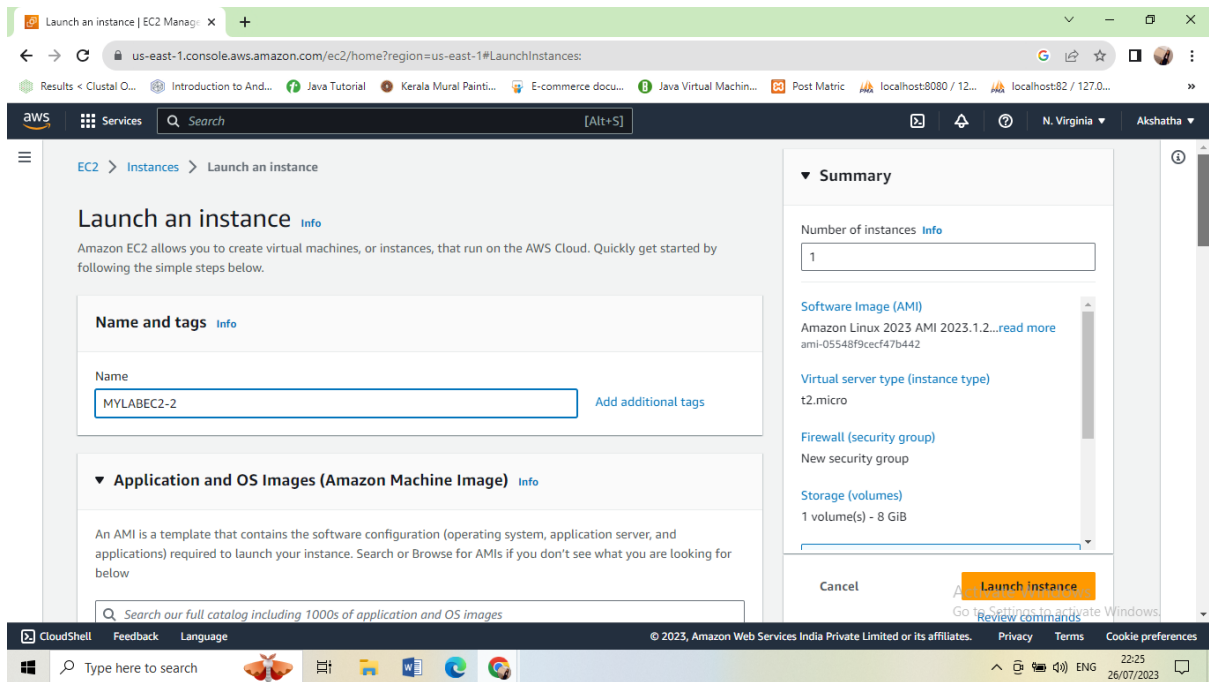
Create placement group

Launching an instance in the placement group

- Launch the new EC2 instance

Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

MYLAB-KEY-PAIR

Create new key pair

Network settings Info
Edit

Network Info
vpc-0fe7f1f45a39d88dd

Subnet Info
No preference (Default subnet in any availability zone)

Auto-assign public IP Info
Enable

Firewall (security groups) Info

Summary

Number of instances Info

1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-05548f9cecf47b442

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Cancel
Launch instance

Review commands

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Network Info
vpc-0fe7f1f45a39d88dd

Subnet Info
No preference (Default subnet in any availability zone)

Auto-assign public IP Info
Enable

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 reach your instance.

○ Create security group   ● Select existing security group

Common security groups Info

Select security groups

launch-wizard-1 sg-08dd33b39d60d8e58 ✕
VPC: vpc-0fe7f1f45a39d88dd

Compare security group rules

Security groups that you add or remove here will be added to or removed from all your network interfaces.

Configure storage Info
Advanced

Summary

Number of instances Info

1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.1.2...read more
ami-05548f9cecf47b442

Virtual server type (instance type)
t2.micro

Firewall (security group)
launch-wizard-1

Storage (volumes)
1 volume(s) - 8 GiB

Cancel
Launch instance

Review commands

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Select placement group

Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"   1 2 3 4 5 6

Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts

Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Learn more

Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database

Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots.

Create EBS snapshot policy

https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateLifecyclePolicy:policyType=EBS_SNAPSHOT_MANAGEMENT

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Click on (i-052c3cc0037606198)

Instances (1) Info

Instance state ▼   Actions ▼   Launch instances ▼

Find instance by attribute or tag (case-sensitive)

Instance ID = i-052c3cc0037606198 ✕   Clear filters   1

☐	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
☐	MYLABEC2-2	i-052c3cc0037606198	⊘ Running	t2.micro	⊘ Initializing	No alarms ✛	us-east-1c

Select an instance

CloudShell   Feedback   Language   © 2023, Amazon Web Services India Private Limited or its affiliates.   Privacy   Terms   Cookie preferences

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceId=i-052c3cc0037606198

aws Services Search [Alt+S] N. Virginia ▾ Akshatha ▾

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  Savings Plans
  Reserved Instances
  Dedicated Hosts
  Scheduled Instances
  Capacity Reservations

▼ Images
  AMIs

Instance ID = i-052c3cc0037606198   Clear filters   1

	Name ▽	Instance ID	Instance state ▽	Instance type ▽	Status check	Alarm status	Availability Zone

Instance: i-052c3cc0037606198 (MYLABEC2-2)

Host ID
–

Host resource group name
–

Virtualization type
hvm

Number of vCPUs
1

Affinity
–

Tenancy
default

Reservation
r-00ac698ab7883ff9d

Placement group
simplilearn

Placement group ID
pg-05c3c7b927c9b5af0

Partition number
–

Activate Windows
Go to Settings to activate Windows.

Type here to search ENG 22:50 26/07/2023