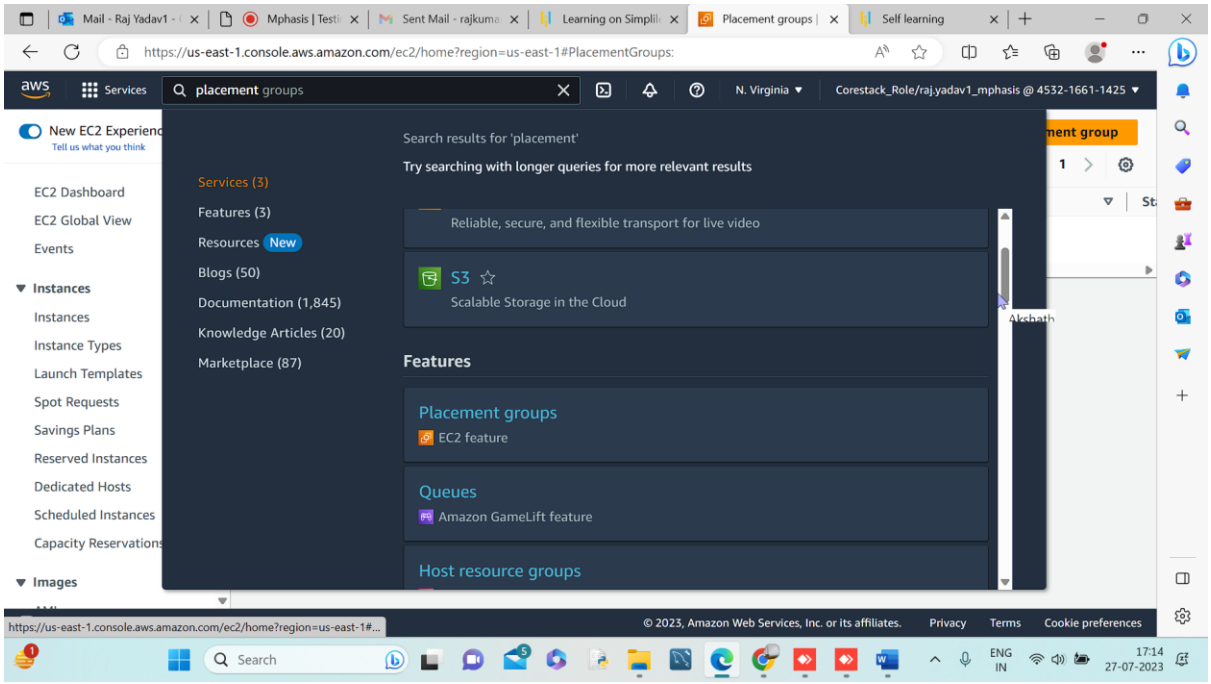
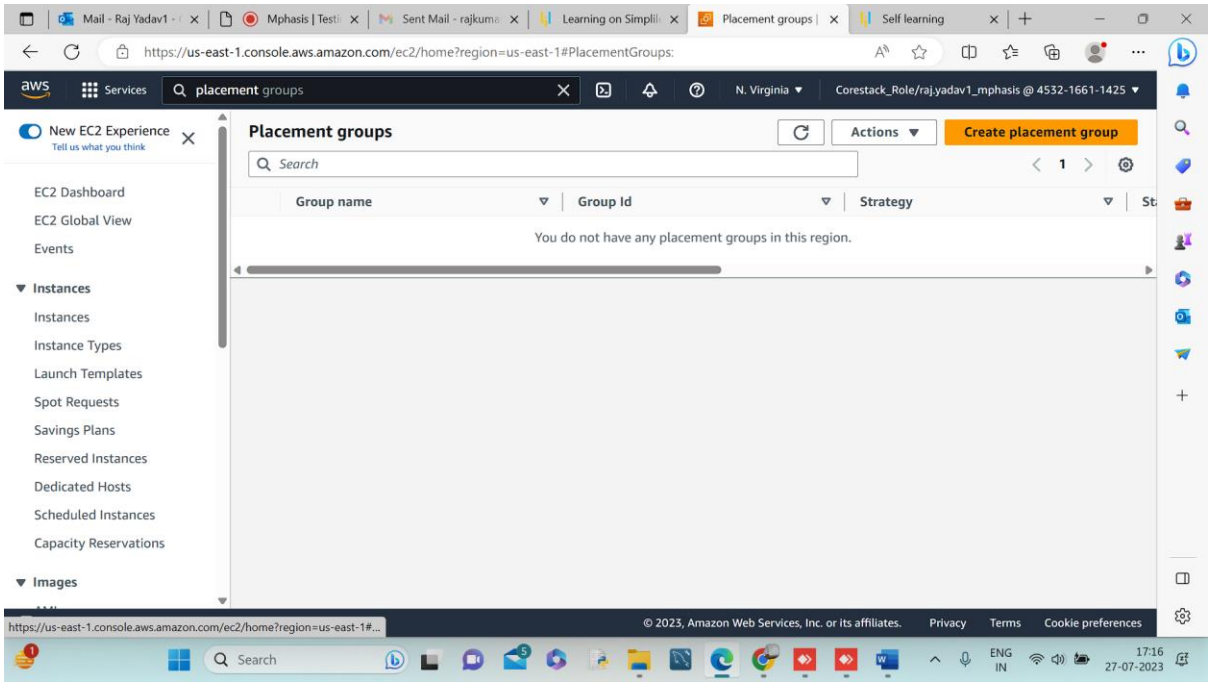
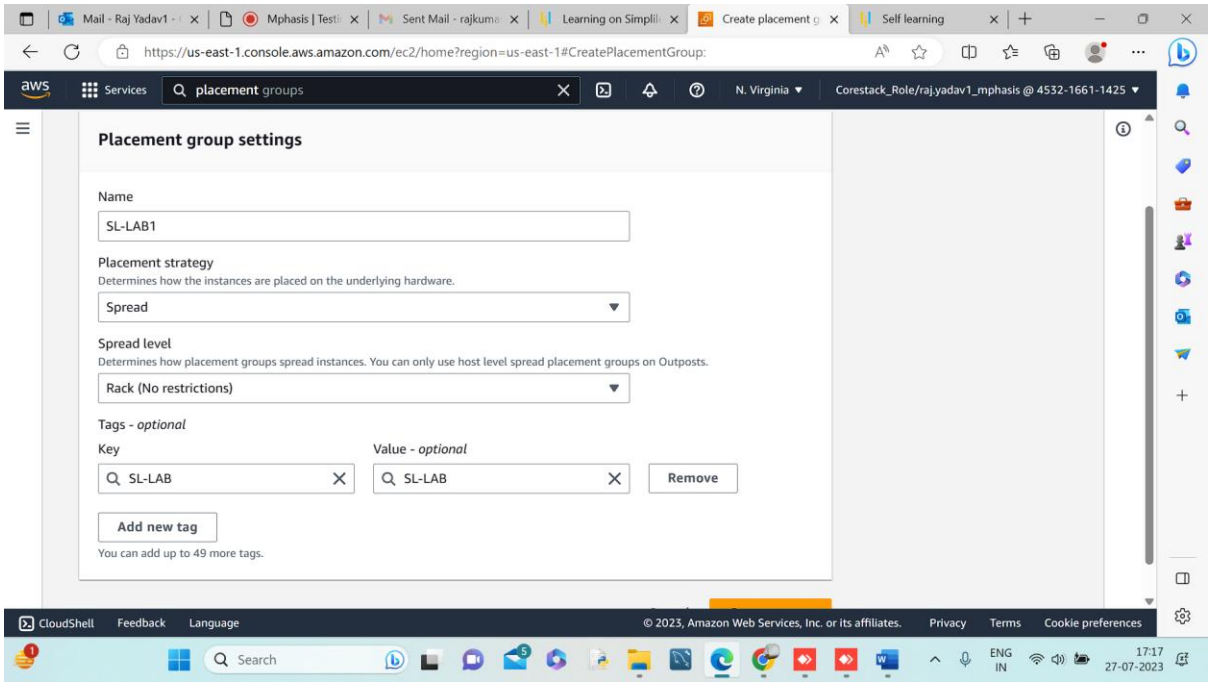
3-Launch an Instance in a Placement Group






https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreatePlacementGroup:
placement groups
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
Placement group settings
Name
SL-LAB1
Placement strategy
Determines how the instances are placed on the underlying hardware.
Spread
Spread level
Determines how placement groups spread instances. You can only use host level spread placement groups on Outposts.
Rack (No restrictions)
Tags - optional
Key
Value - optional
SL-LAB
SL-LAB
Remove
Add new tag
You can add up to 49 more tags.
CloudShell
Feedback
Language
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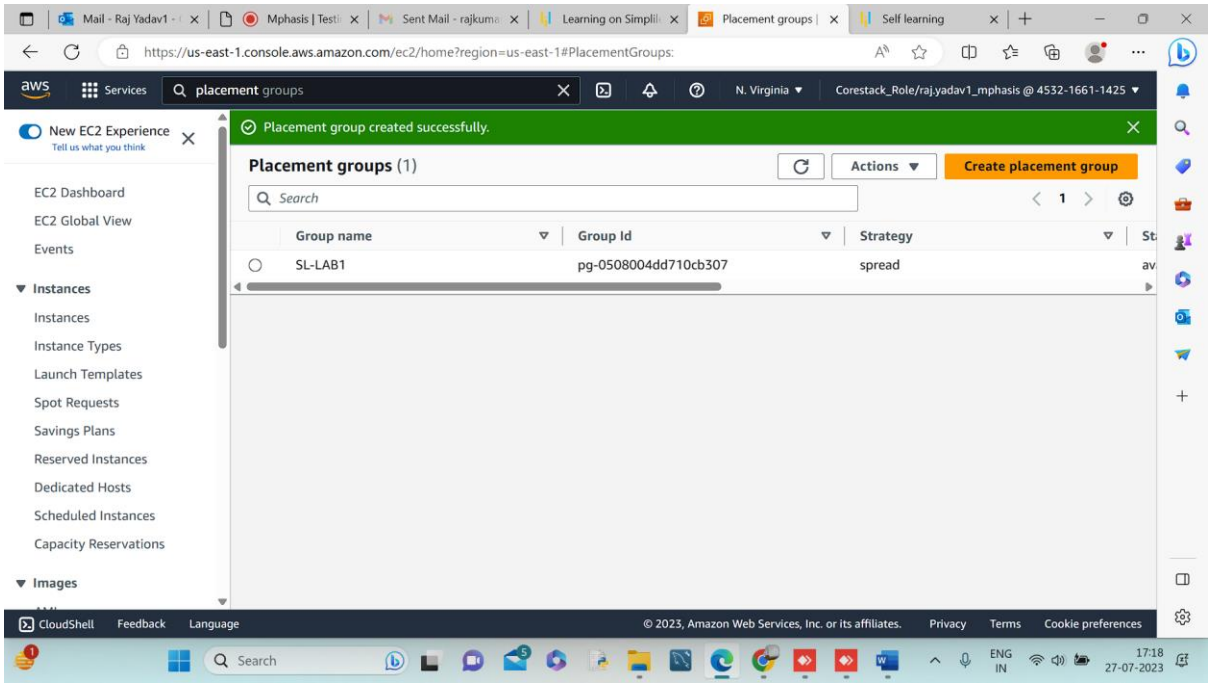
Privacy
Terms
Cookie preferences
Search
17:17
27-07-2023


https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#PlacementGroups:
placement groups
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
New EC2 Experience
Tell us what you think
Placement group created successfully.
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
Placement groups (1)
Actions
Create placement group
Search
Group name
Group Id
Strategy
SL-LAB1
pg-0508004dd710cb307
spread
CloudShell
Feedback
Language
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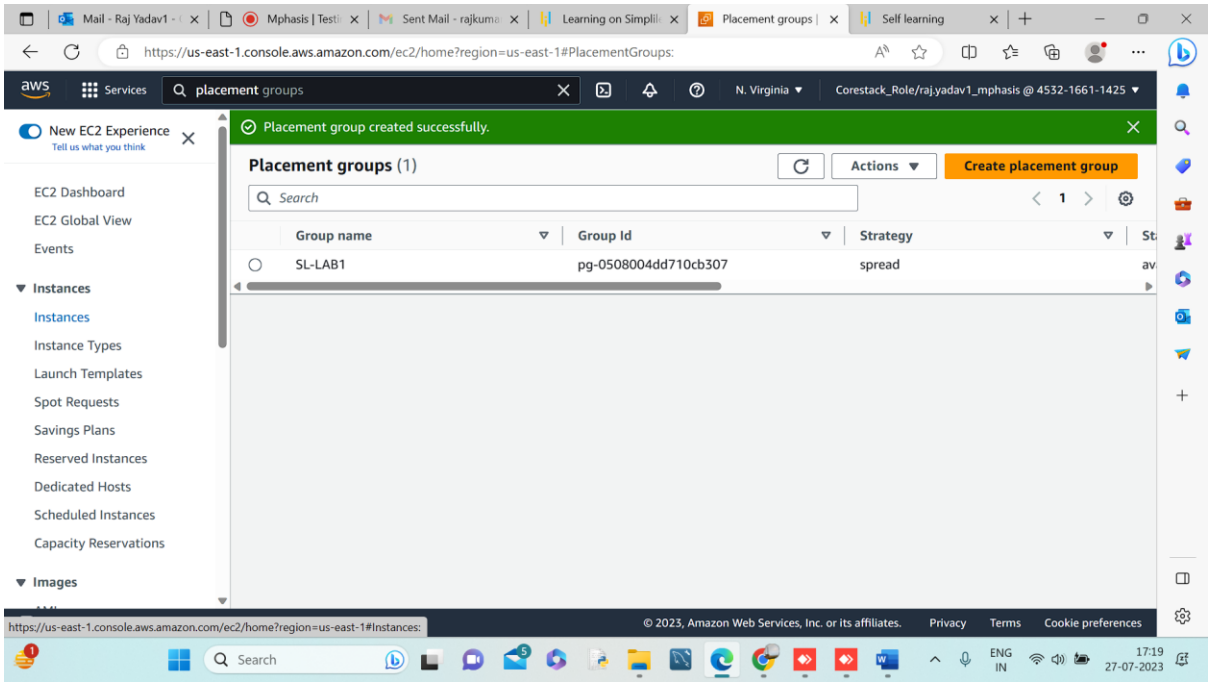
Search
17:18
27-07-2023


Placement group created successfully.
Placement groups (1)
Actions
Create placement group
Search
Group name
Group Id
Strategy
SL-LAB1
pg-0508004dd710cb307
spread
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
placement groups
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
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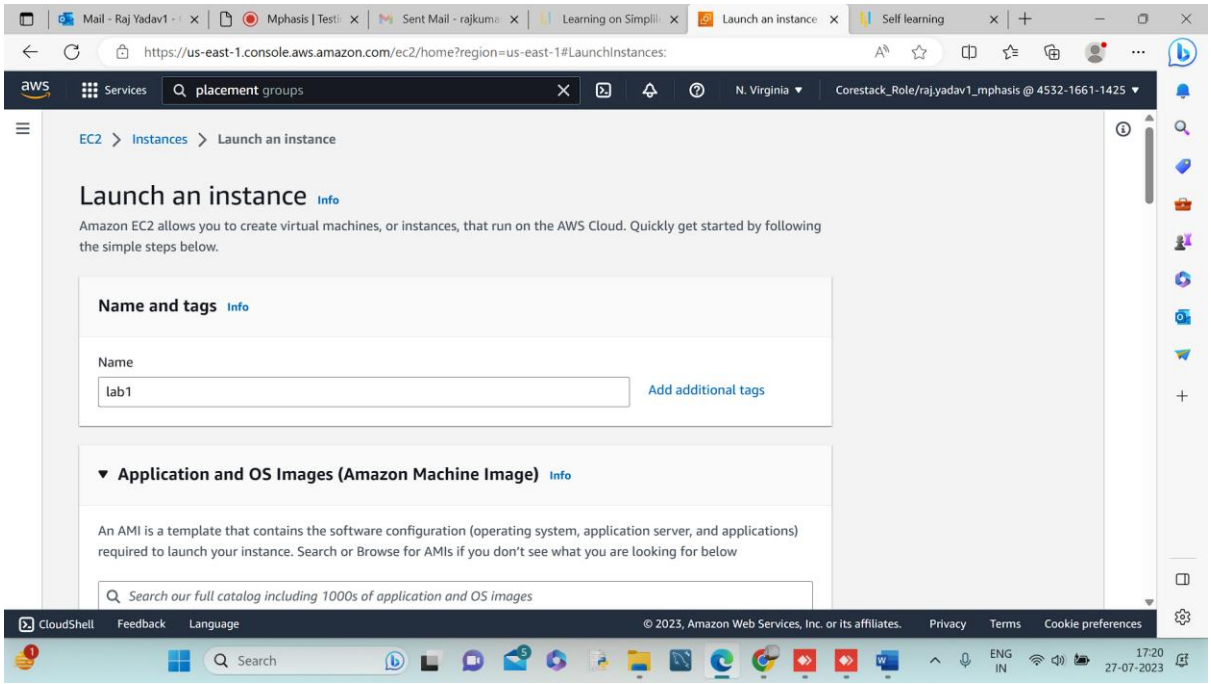
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
lab1
Add additional tags
Application and OS Images (Amazon Machine Image) 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
Search our full catalog including 1000s of application and OS images
CloudShell
Feedback
Language
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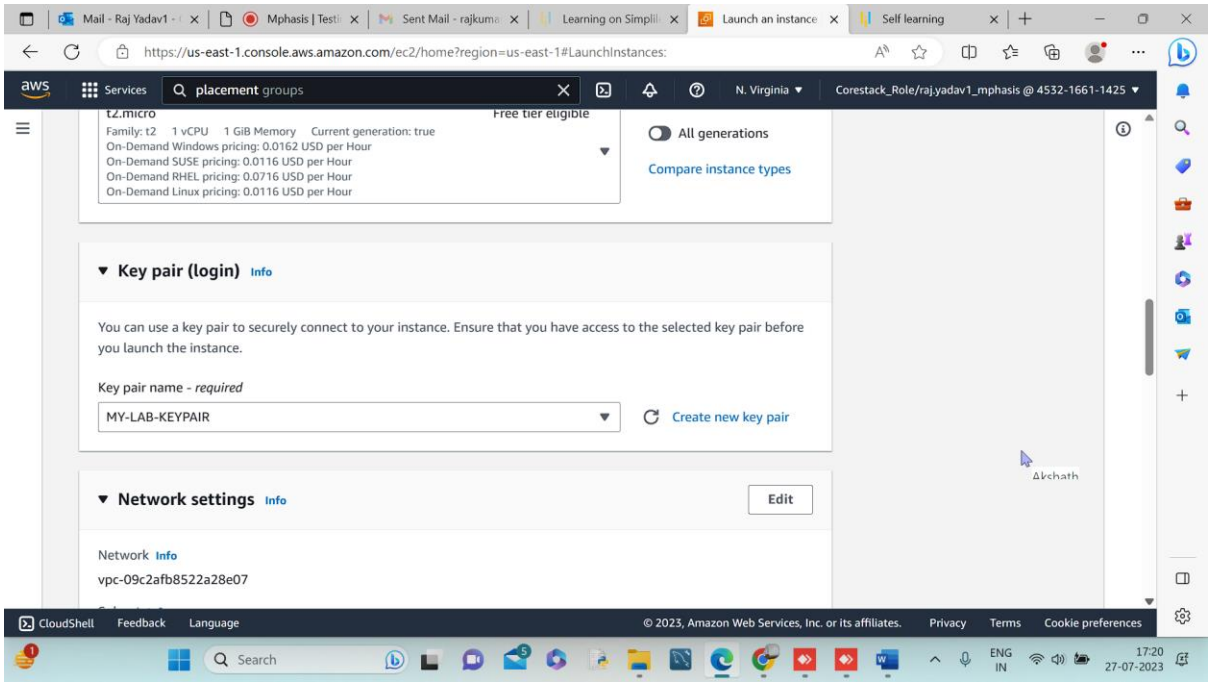
Launch an instance
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
placement groups
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows pricing: 0.0162 USD per Hour
On-Demand SUSE pricing: 0.0116 USD per Hour
On-Demand RHEL pricing: 0.0716 USD per Hour
On-Demand Linux pricing: 0.0116 USD per Hour
All generations
Compare instance types
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
MY-LAB-KEYPAIR
Create new key pair
Network settings Info
Edit
Network Info
vpc-09c2afb8522a28e07
CloudShell
Feedback
Language
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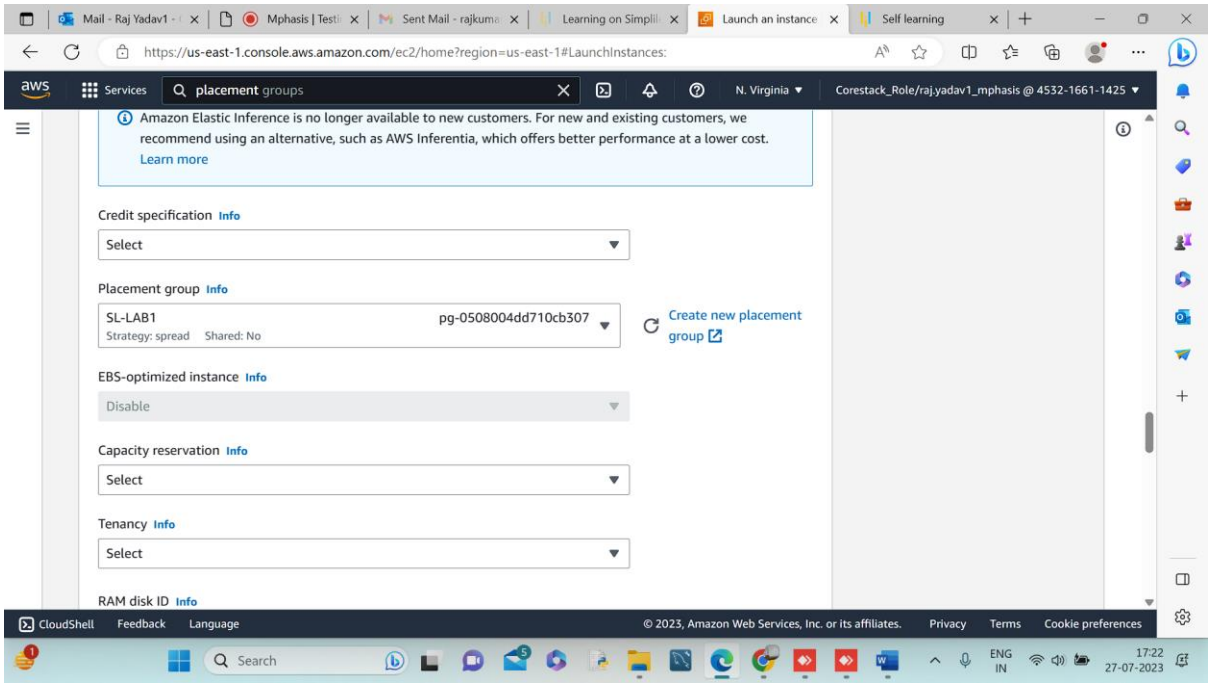
ENG
IN
17:20
27-07-2023


Launch an instance
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
placement groups
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
Amazon Elastic Inference is no longer available to new customers. For new and existing customers, we recommend using an alternative, such as AWS Inferentia, which offers better performance at a lower cost.
Learn more
Credit specification Info
Select
Placement group Info
SL-LAB1
pg-0508004dd710cb307
Strategy: spread Shared: No
Create new placement group
EBS-optimized instance Info
Disable
Capacity reservation Info
Select
Tenancy Info
Select
RAM disk ID Info
CloudShell
Feedback
Language
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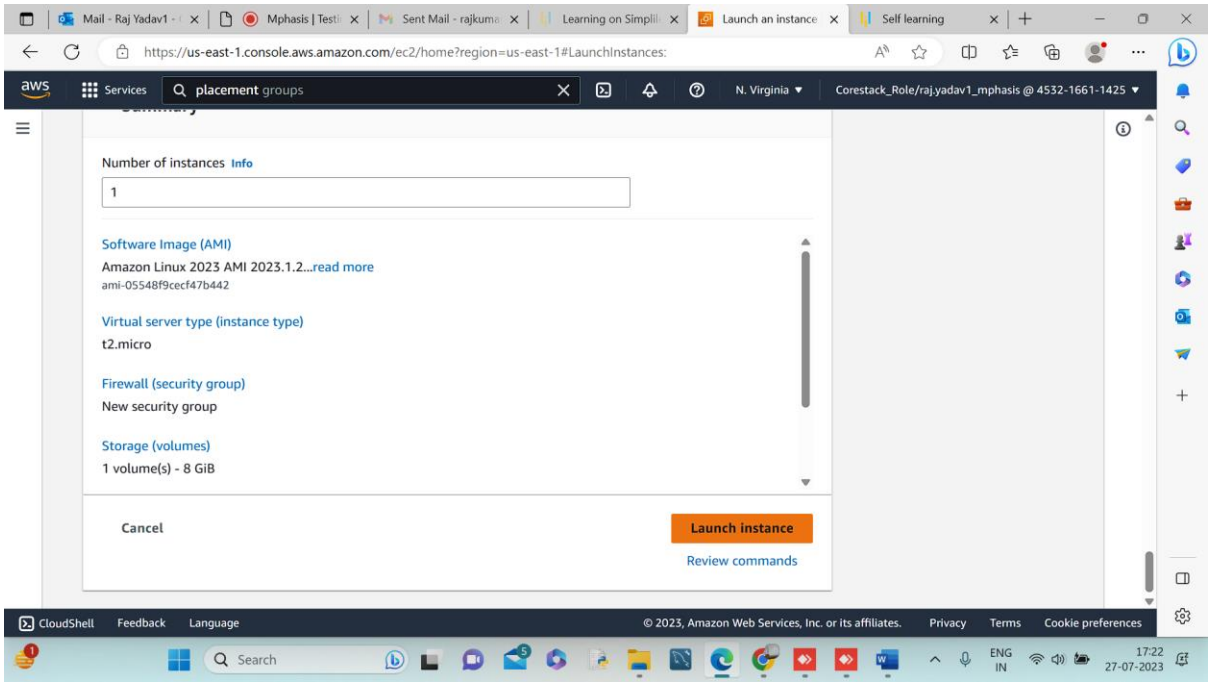
27-07-2023


Launch an instance
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
placement groups
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
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
CloudShell
Feedback
Language
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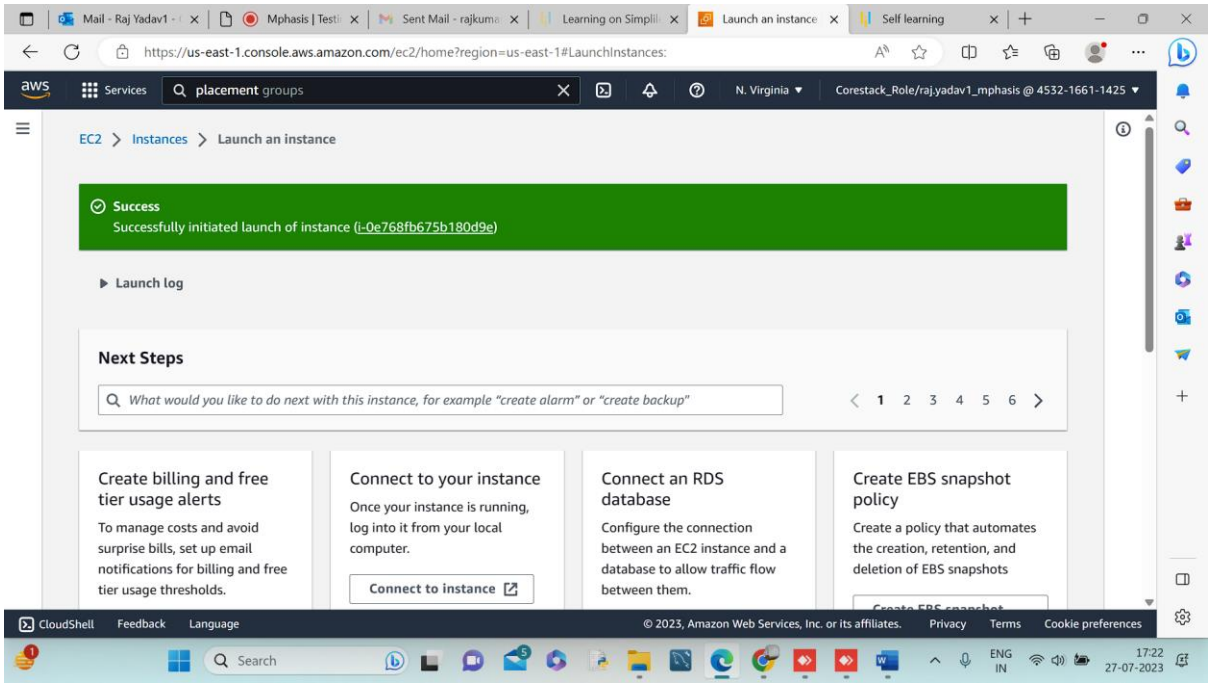
17:22
27-07-2023


Launch an instance
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
placement groups
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-0e768fb675b180d9e)
Launch log
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.
Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance
Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Create EBS snapshot policy
Create a policy that automates the creation, retention, and deletion of EBS snapshots
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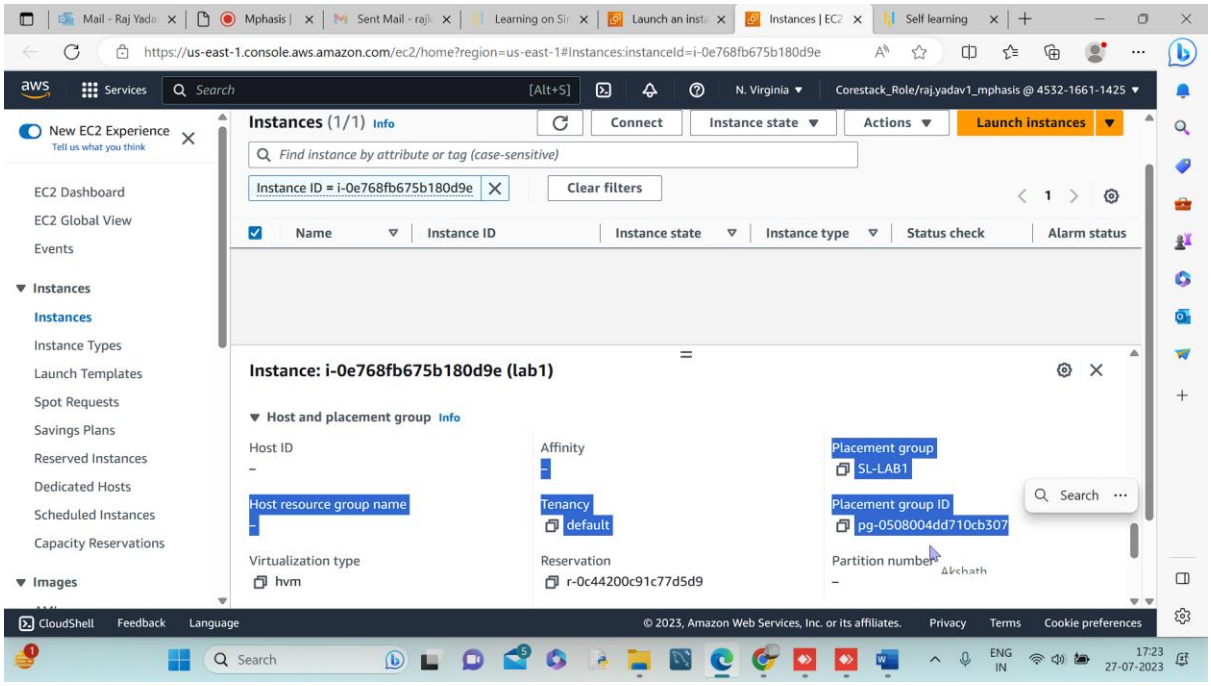
Mail - Raj Yada
Mphasis |
Sent Mail - rajk
Learning on Sir
Launch an inst
Instances | EC2
Self learning
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceId=i-0e768fb675b180d9e
aws
Services
Search
[Alt+S]
N. Virginia
Corestack_Role/raj.yadav1_mphasis @ 4532-1661-1425
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Instance ID = i-0e768fb675b180d9e
Clear filters
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Instance: i-0e768fb675b180d9e (lab1)
Host and placement group Info
Host ID
–
Affinity
–
Placement group
SL-LAB1
Host resource group name
–
Tenancy
default
Placement group ID
pg-0508004dd710cb307
Search
Virtualization type
hvm
Reservation
r-0c44200c91c77d5d9
Partition number
–
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