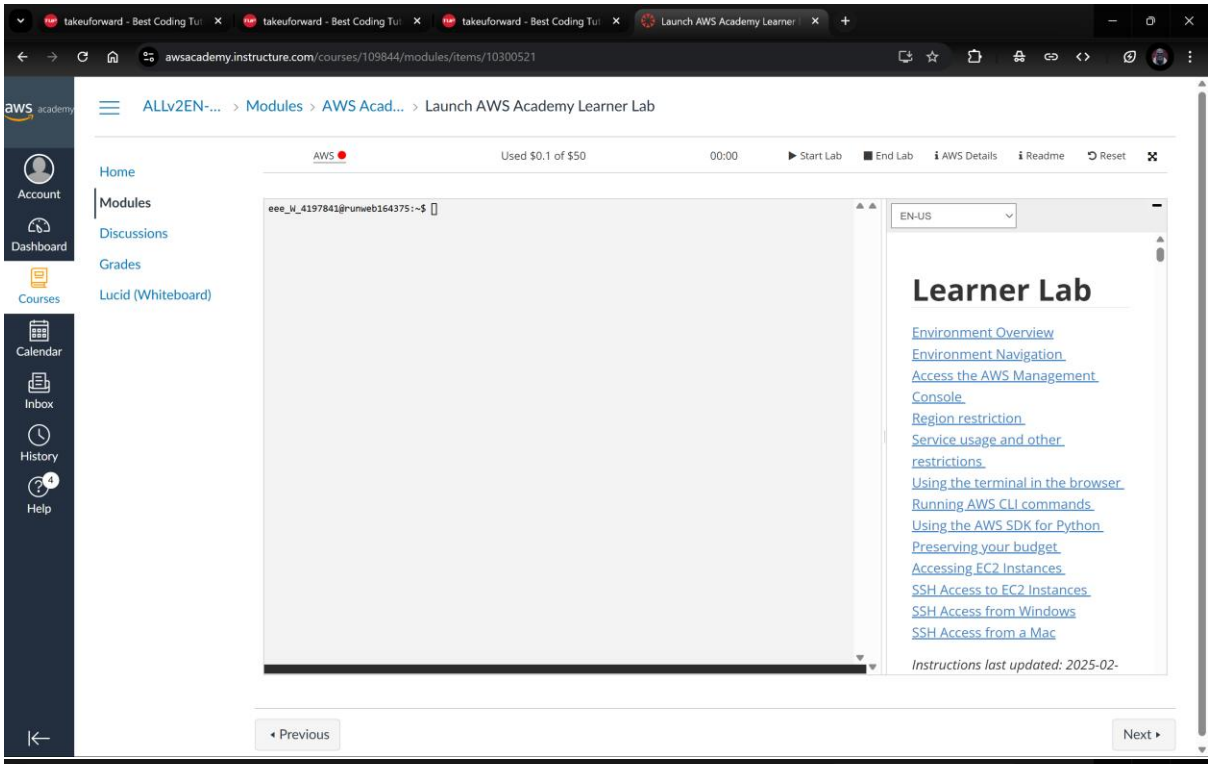
EBS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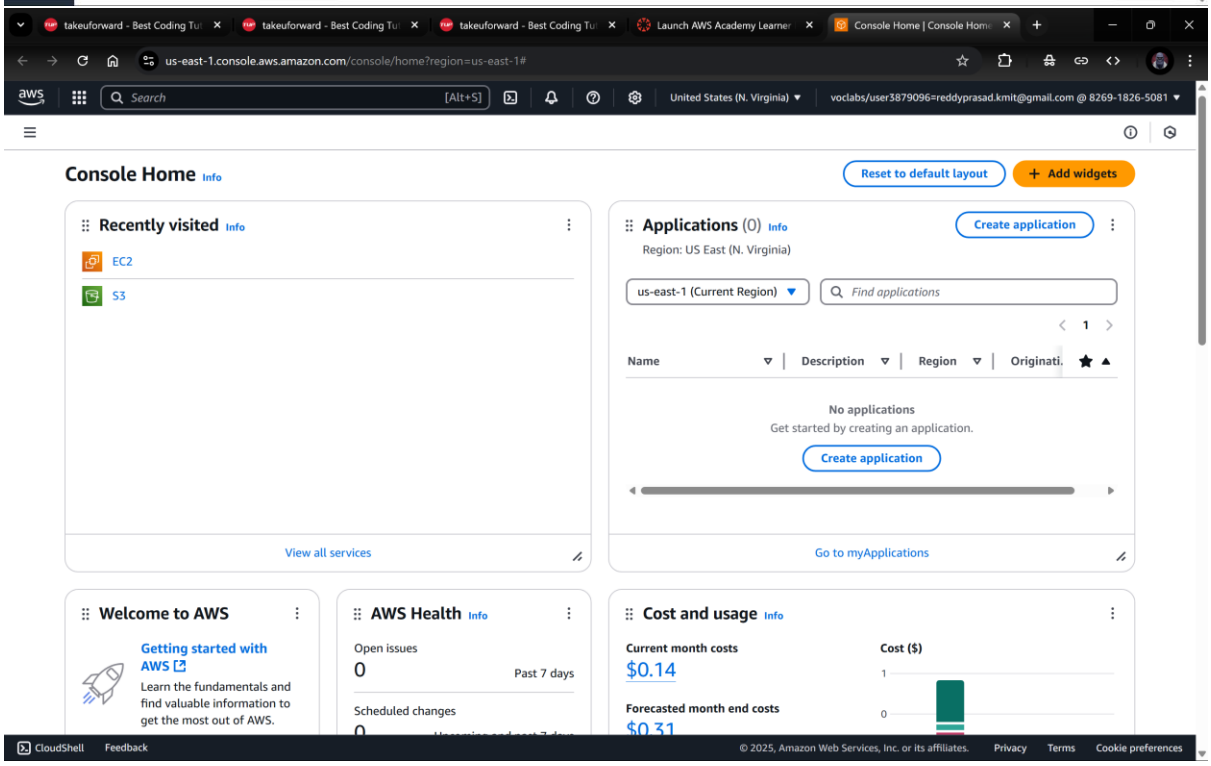
Launch AWS Academy Learner
awsacademy.instructure.com/courses/109844/modules/items/10300521
ALLv2EN-... > Modules > AWS Acad... > Launch AWS Academy Learner Lab
Account
Dashboard
Courses
Calendar
Inbox
History
Help
Home
Modules
Discussions
Grades
Lucid (Whiteboard)
AWS
Used $0.1 of $50
00:00
Start Lab
End Lab
AWS Details
Readme
Reset
eee_W_4197841@runweb164375:~$
EN-US
Learner Lab
Environment Overview
Environment Navigation
Access the AWS Management Console
Region restriction
Service usage and other restrictions
Using the terminal in the browser
Running AWS CLI commands
Using the AWS SDK for Python
Preserving your budget
Accessing EC2 Instances
SSH Access to EC2 Instances
SSH Access from Windows
SSH Access from a Mac
Instructions last updated: 2025-02-
Previous
Next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Launch AWS Academy Learner
Console Home | Console Home
us-east-1.console.aws.amazon.com/console/home?region=us-east-1#
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
Console Home Info
Reset to default layout
Add widgets
Recently visited Info
EC2
S3
View all services
Applications (0) Info
Region: US East (N. Virginia)
Create application
us-east-1 (Current Region)
Find applications
Name
Description
Region
Originati
No applications
Get started by creating an application.
Create application
Go to myApplications
Welcome to AWS
Getting started with AWS
Learn the fundamentals and find valuable information to get the most out of AWS.
AWS Health Info
Open issues
0
Past 7 days
Scheduled changes
Cost and usage Info
Current month costs
$0.14
Forecasted month end costs
$0.31
Cost ($)
CloudShell
Feedback
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Cookie preferences

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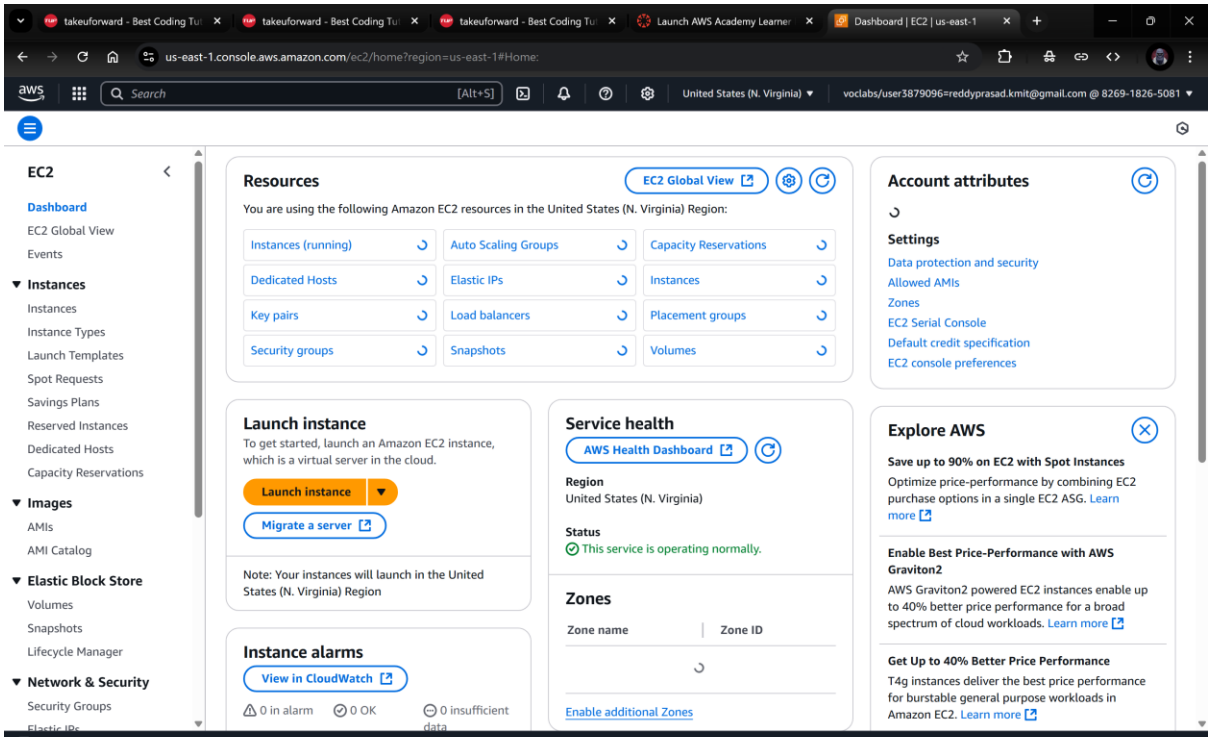
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Home:
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Resources
EC2 Global View
You are using the following Amazon EC2 resources in the United States (N. Virginia) Region:
Instances (running)
Auto Scaling Groups
Capacity Reservations
Dedicated Hosts
Elastic IPs
Instances
Key pairs
Load balancers
Placement groups
Security groups
Snapshots
Volumes
Account attributes
Settings
Data protection and security
Allowed AMIs
Zones
EC2 Serial Console
Default credit specification
EC2 console preferences
Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.
Launch instance
Migrate a server
Note: Your instances will launch in the United States (N. Virginia) Region
Service health
AWS Health Dashboard
Region
United States (N. Virginia)
Status
This service is operating normally.
Zones
Zone name
Zone ID
Enable additional Zones
Explore AWS
Save up to 90% on EC2 with Spot Instances
Optimize price-performance by combining EC2 purchase options in a single EC2 ASG. Learn more
Enable Best Price-Performance with AWS Graviton2
AWS Graviton2 powered EC2 instances enable up to 40% better price performance for a broad spectrum of cloud workloads. Learn more
Get Up to 40% Better Price Performance
T4g instances deliver the best price performance for burstable general purpose workloads in Amazon EC2. Learn more
Instance alarms
View in CloudWatch
0 in alarm
0 OK
0 insufficient data
CloudShell
Feedback
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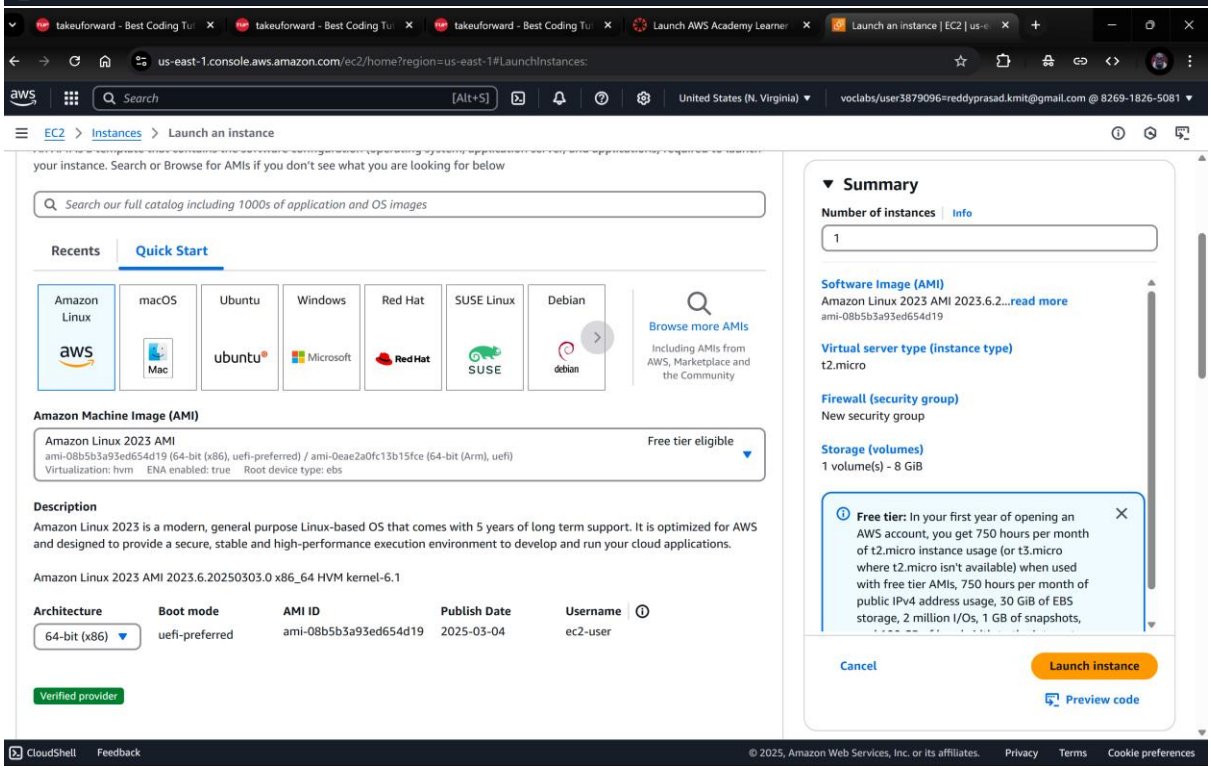
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
EC2 > Instances > Launch an instance
your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Recents
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
SUSE Linux
Debian
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Amazon Linux 2023 AMI
ami-08b5b3a93ed654d19 (64-bit (x86), uefi-preferred) / ami-0eae2a0fc13b15fce (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs
Free tier eligible
Description
Amazon Linux 2023 is a modern, general purpose Linux-based OS that comes with 5 years of long term support. It is optimized for AWS and designed to provide a secure, stable and high-performance execution environment to develop and run your cloud applications.
Amazon Linux 2023 AMI 2023.6.20250303.0 x86_64 HVM kernel-6.1
Architecture
Boot mode
AMI ID
Publish Date
Username
64-bit (x86)
uefi-preferred
ami-08b5b3a93ed654d19
2025-03-04
ec2-user
Verified provider
Summary
Number of instances
Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-08b5b3a93ed654d19
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots,
Cancel
Launch instance
Preview code
CloudShell
Feedback
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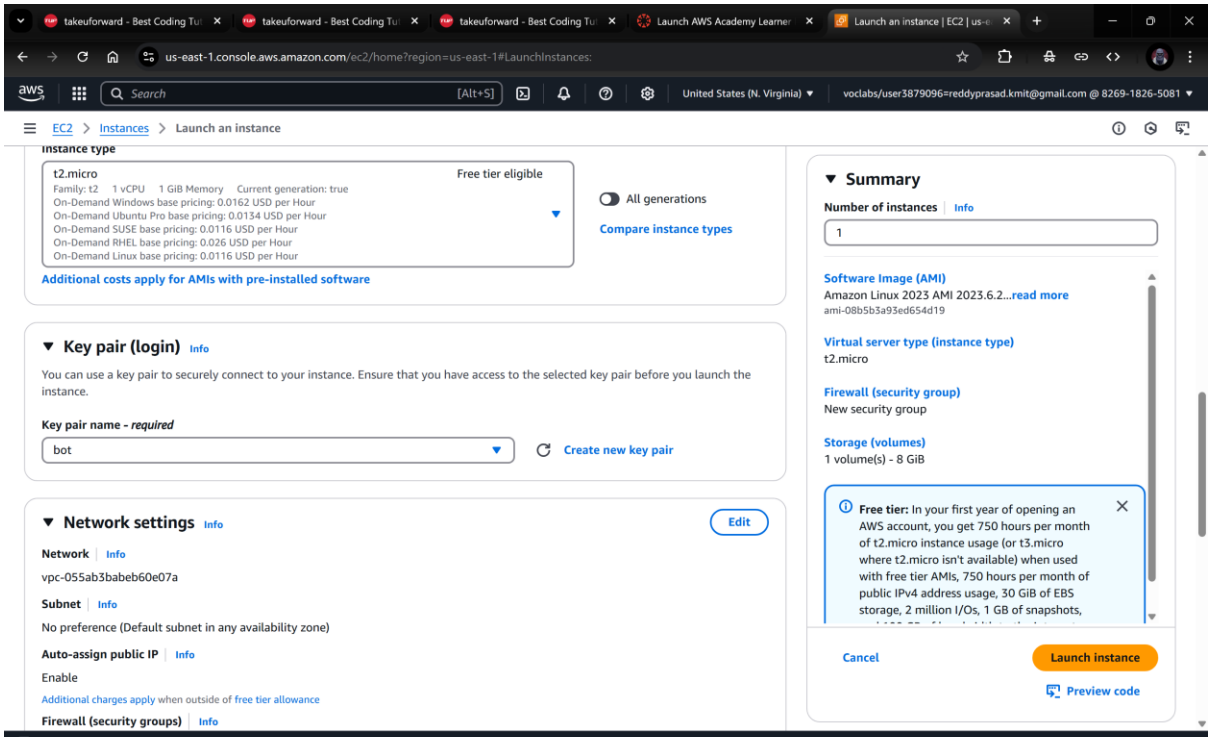
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Launch AWS Academy Learner
Launch an instance | EC2 | us-e
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2 > Instances > Launch an instance
Instance type
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour
On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.026 USD per Hour
On-Demand Linux base pricing: 0.0116 USD per Hour
All generations
Compare instance types
Additional costs apply for AMIs with pre-installed software
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
bot
Create new key pair
Network settings Info
Edit
Network Info
vpc-055ab3babeb60e07a
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
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-08b5b3a93ed654d19
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots,
Cancel
Launch instance
Preview code
CloudShell
Feedback
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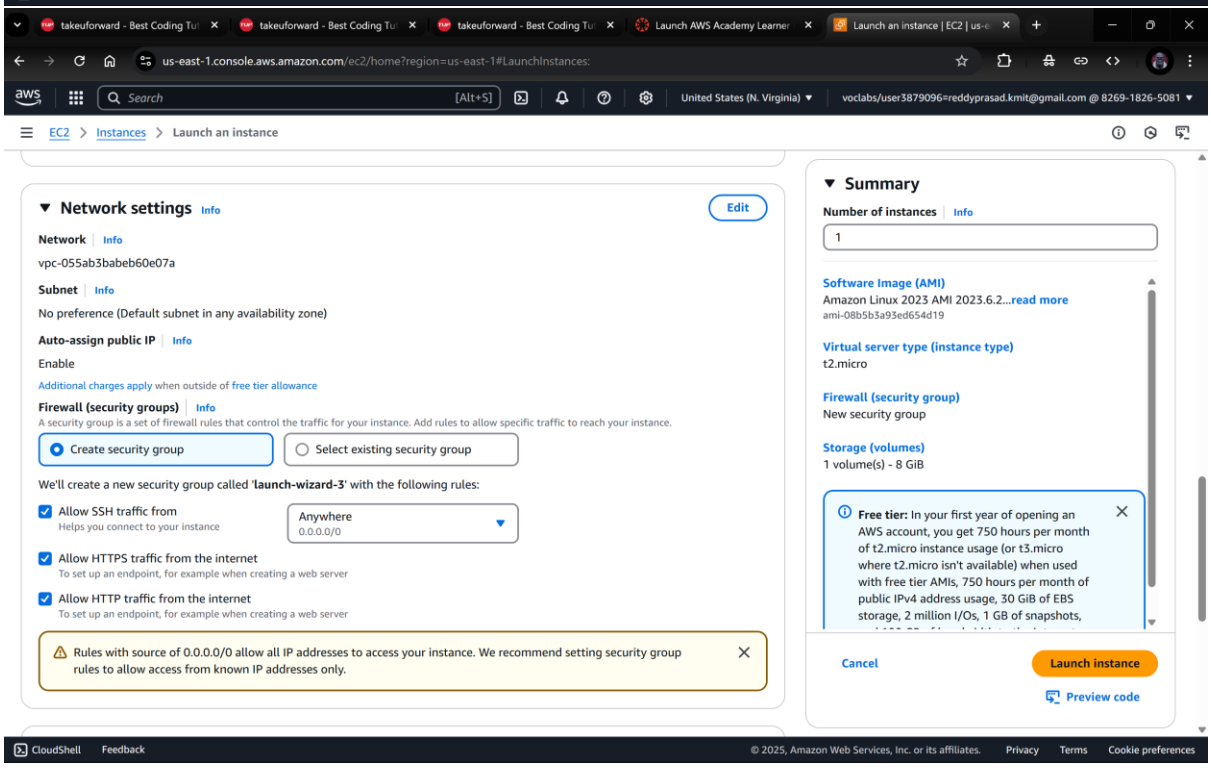
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Launch AWS Academy Learner
Launch an instance | EC2 | us-e
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2 > Instances > Launch an instance
Network settings Info
Edit
Network Info
vpc-055ab3babeb60e07a
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 reach your instance.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-3' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
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
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-08b5b3a93ed654d19
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots,
Cancel
Launch instance
Preview code
CloudShell
Feedback
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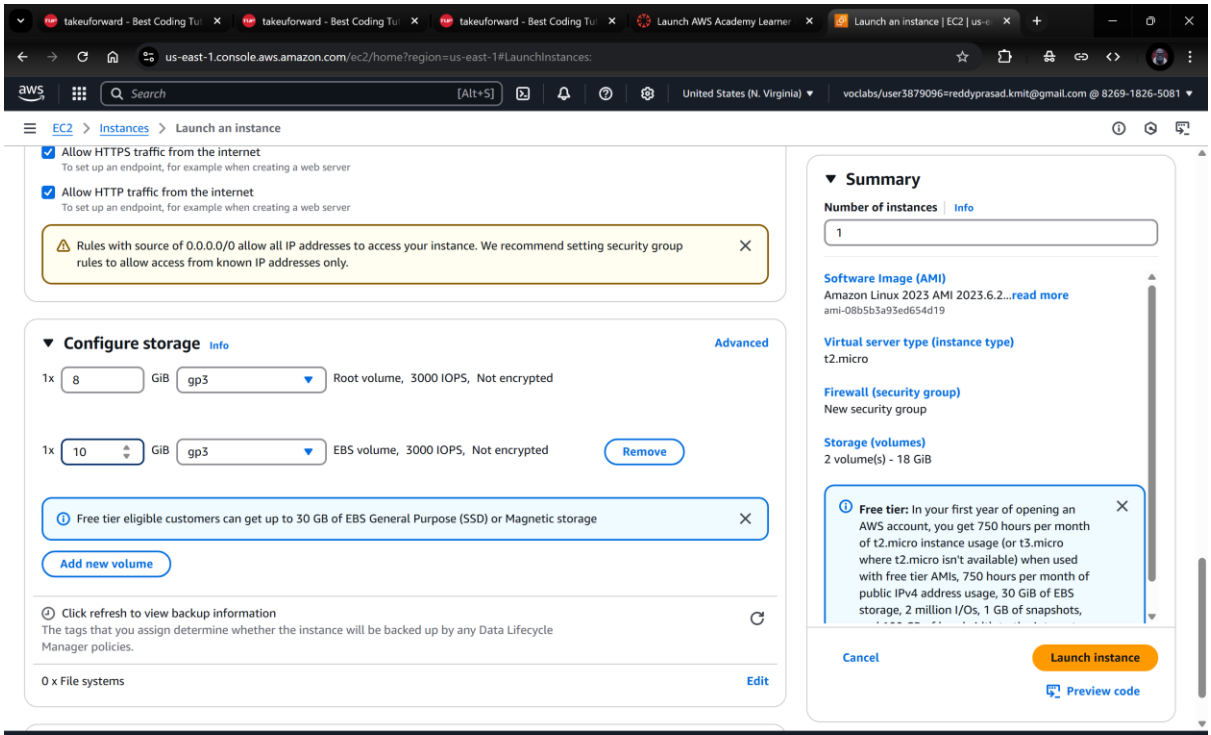
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Launch AWS Academy Learner
Launch an instance | EC2 | us-e
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Search [Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2 > Instances > Launch an 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
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Configure storage Info
Advanced
1x 8 GiB gp3 Root volume, 3000 IOPS, Not encrypted
1x 10 GiB gp3 EBS volume, 3000 IOPS, Not encrypted
Remove
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.
0 x File systems
Edit
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-08b5b3a93ed654d19
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
2 volume(s) - 18 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots,
Cancel
Launch instance
Preview code
CloudShell
Feedback
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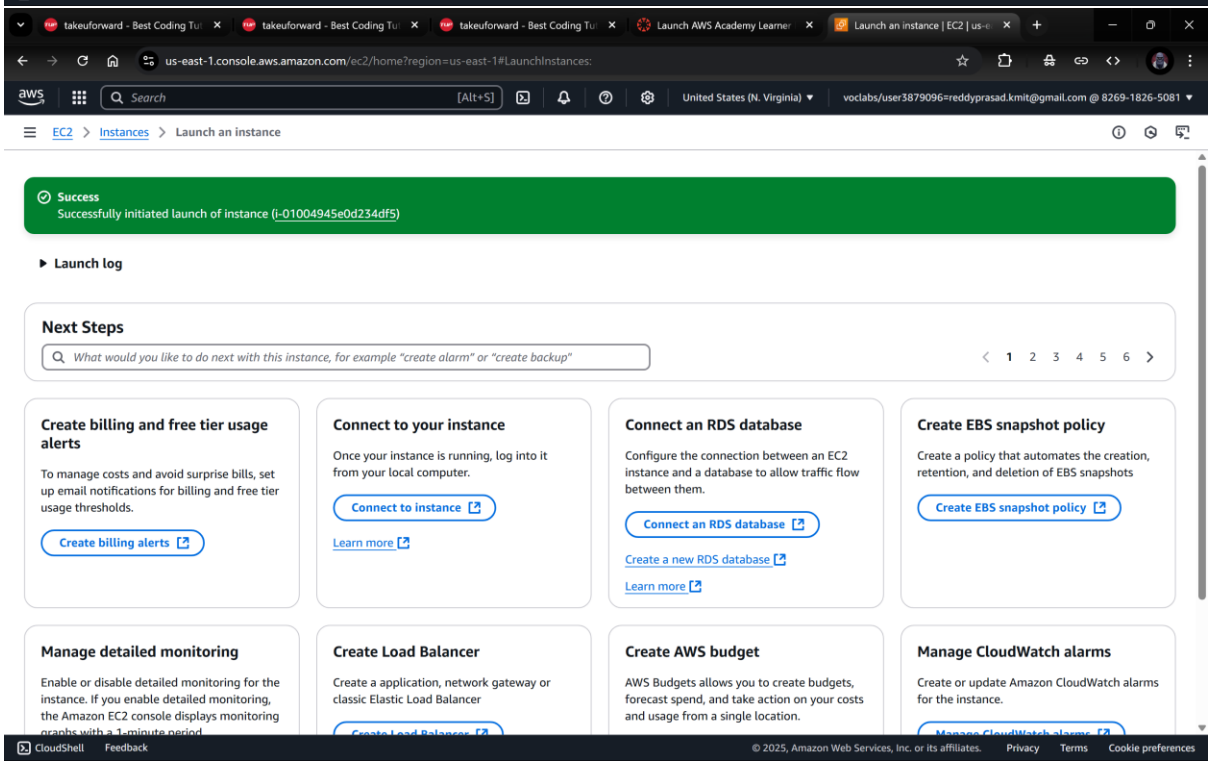
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Launch AWS Academy Learner
Launch an instance | EC2 | us-e
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Search [Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-01004945e0d234df5)
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.
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 a new RDS database
Learn more
Create EBS snapshot policy
Create a policy that automates the creation, retention, and deletion of EBS snapshots
Create EBS snapshot policy
Manage detailed monitoring
Enable or disable detailed monitoring for the instance. If you enable detailed monitoring, the Amazon EC2 console displays monitoring
Create Load Balancer
Create a application, network gateway or classic Elastic Load Balancer
Create AWS budget
AWS Budgets allows you to create budgets, forecast spend, and take action on your costs and usage from a single location.
Manage CloudWatch alarms
Create or update Amazon CloudWatch alarms for the instance.
CloudShell
Feedback
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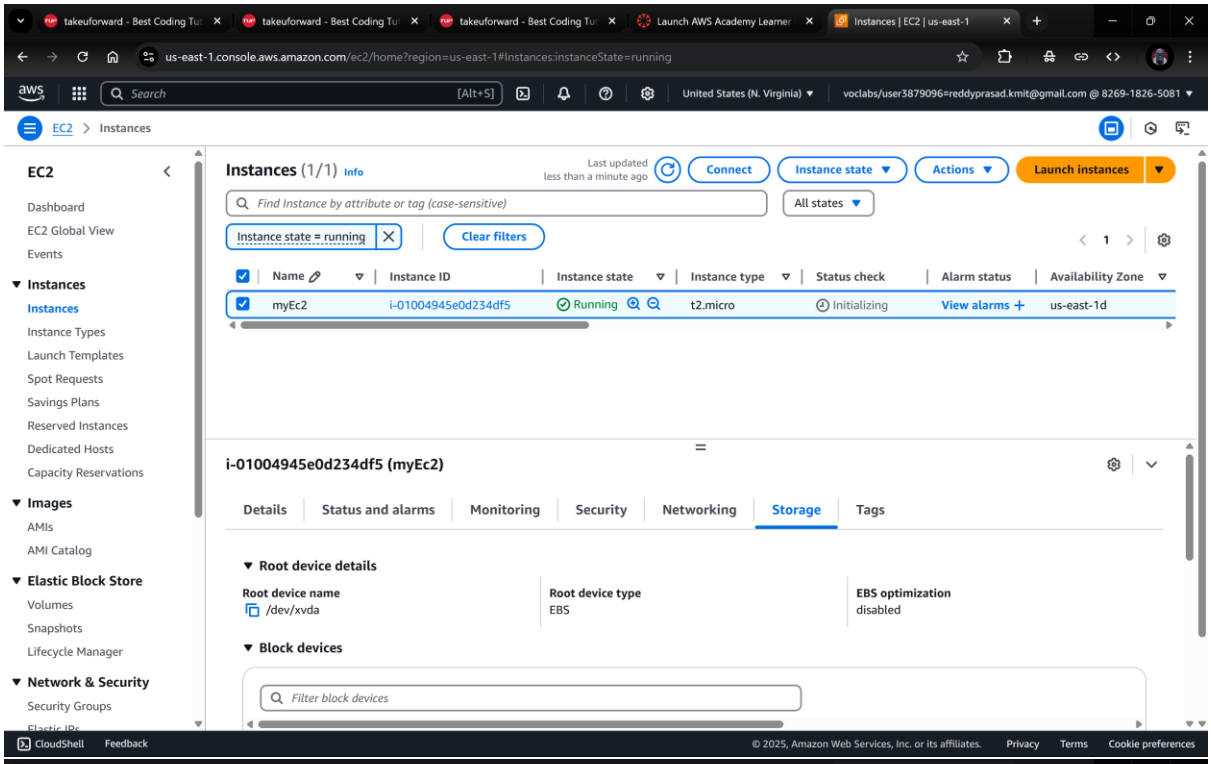
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Launch AWS Academy Learner
Instances | EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2 > Instances
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Instances (1/1) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
myEc2
i-01004945e0d234df5
Running
t2.micro
Initializing
View alarms
us-east-1d
i-01004945e0d234df5 (myEc2)
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Root device details
Root device name
/dev/xvda
Root device type
EBS
EBS optimization
disabled
Block devices
Filter block devices
CloudShell
Feedback
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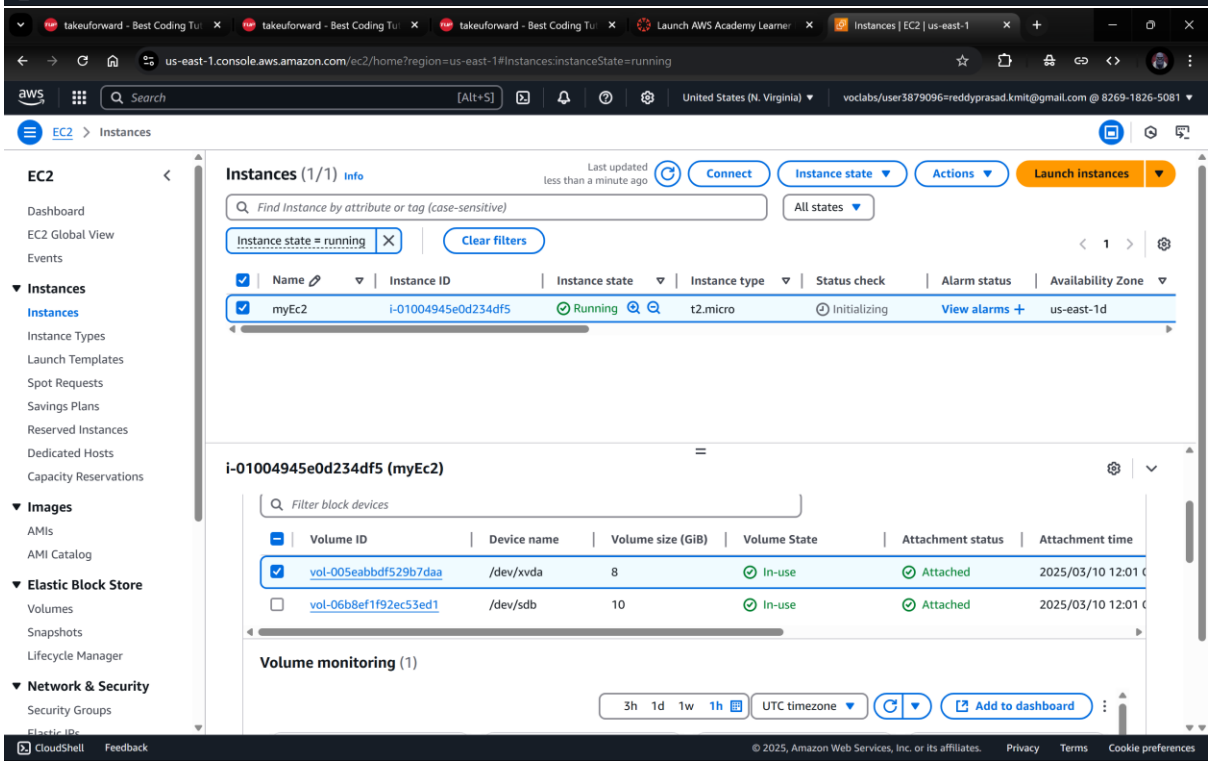
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Launch AWS Academy Learner
Instances | EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2 > Instances
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Instances (1/1) Info
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Connect
Instance state
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Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
myEc2
i-01004945e0d234df5
Running
t2.micro
Initializing
View alarms
us-east-1d
i-01004945e0d234df5 (myEc2)
Filter block devices
Volume ID
Device name
Volume size (GiB)
Volume State
Attachment status
Attachment time
vol-005eabbdf529b7daa
/dev/xvda
8
In-use
Attached
2025/03/10 12:01
vol-06b8ef1f92ec53ed1
/dev/sdb
10
In-use
Attached
2025/03/10 12:01
Volume monitoring (1)
3h
1d
1w
1h
UTC timezone
Add to dashboard
CloudShell
Feedback
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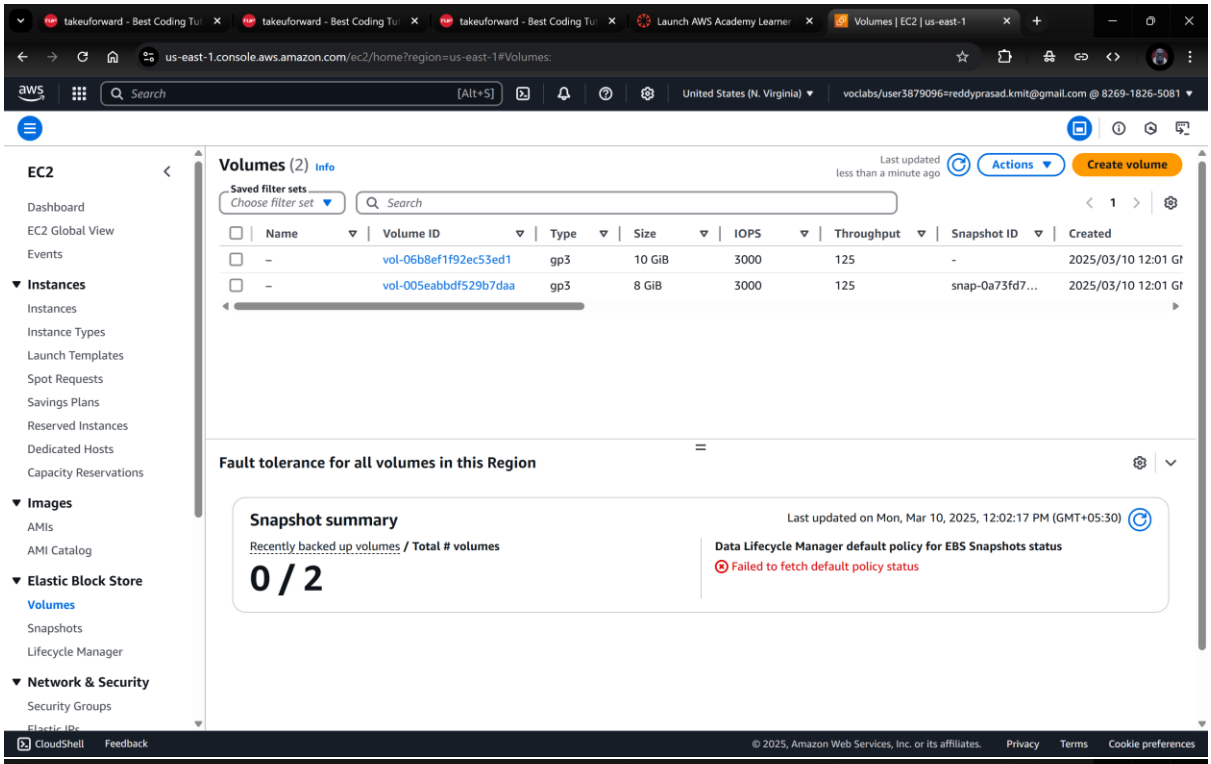
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Launch AWS Academy Learner
Volumes | EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Volumes (2) Info
Last updated less than a minute ago
Actions
Create volume
Saved filter sets
Choose filter set
Search
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot ID
Created
vol-06b8ef1f92ec53ed1
gp3
10 GiB
3000
125
2025/03/10 12:01 GI
vol-005eabbdf529b7daa
gp3
8 GiB
3000
125
snap-0a73fd7...
2025/03/10 12:01 GI
Fault tolerance for all volumes in this Region
Snapshot summary
Last updated on Mon, Mar 10, 2025, 12:02:17 PM (GMT+05:30)
Recently backed up volumes / Total # volumes
0 / 2
Data Lifecycle Manager default policy for EBS Snapshots status
Failed to fetch default policy status
CloudShell
Feedback
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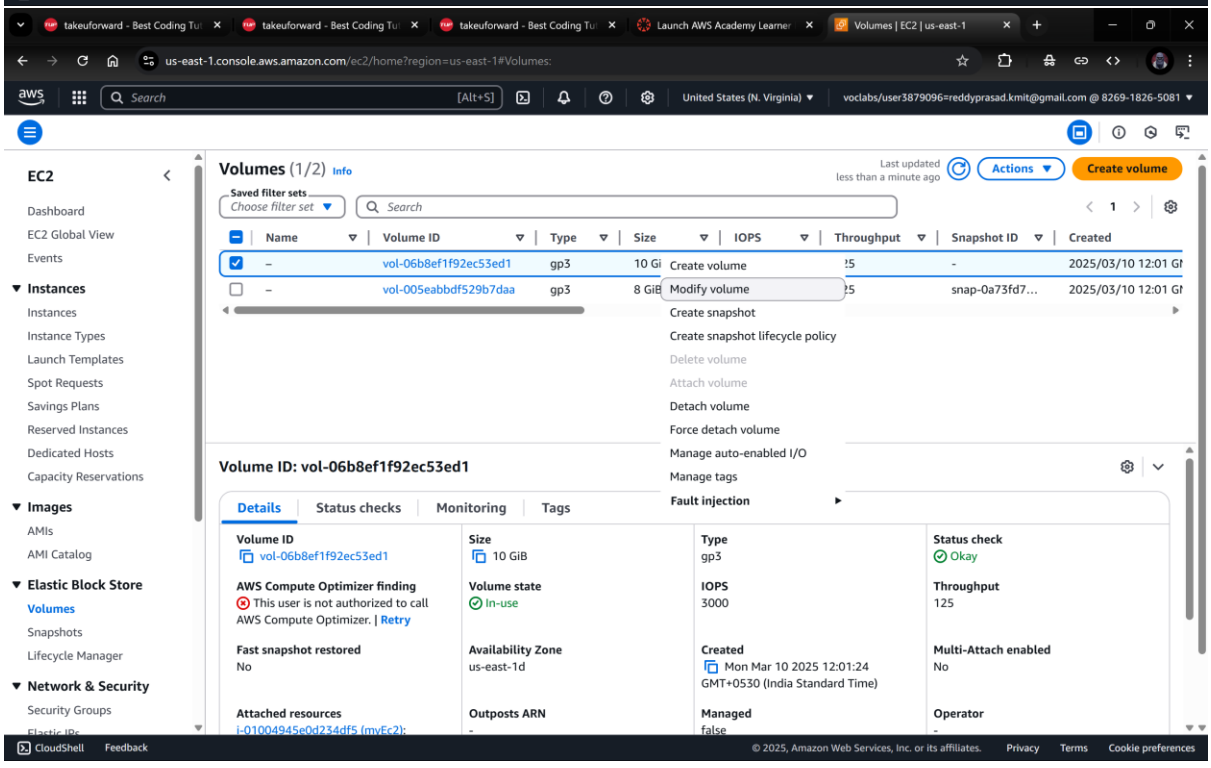
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Launch AWS Academy Learner
Volumes | EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Volumes (1/2) Info
Last updated less than a minute ago
Actions
Create volume
Saved filter sets
Choose filter set
Search
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot ID
Created
vol-06b8ef1f92ec53ed1
gp3
10 Gi
snap-0a73fd7...
2025/03/10 12:01 GI
vol-005eabbdf529b7daa
gp3
8 GiB
snap-0a73fd7...
2025/03/10 12:01 GI
Create volume
Modify volume
Create snapshot
Create snapshot lifecycle policy
Delete volume
Attach volume
Detach volume
Force detach volume
Manage auto-enabled I/O
Manage tags
Fault injection
Volume ID: vol-06b8ef1f92ec53ed1
Details
Status checks
Monitoring
Tags
Volume ID
vol-06b8ef1f92ec53ed1
Size
10 GiB
Type
gp3
Status check
Okay
AWS Compute Optimizer finding
This user is not authorized to call AWS Compute Optimizer. | Retry
Volume state
In-use
IOPS
3000
Throughput
125
Fast snapshot restored
No
Availability Zone
us-east-1d
Created
Mon Mar 10 2025 12:01:24 GMT+0530 (India Standard Time)
Multi-Attach enabled
No
Attached resources
Outposts ARN
Managed
false
Operator
CloudShell
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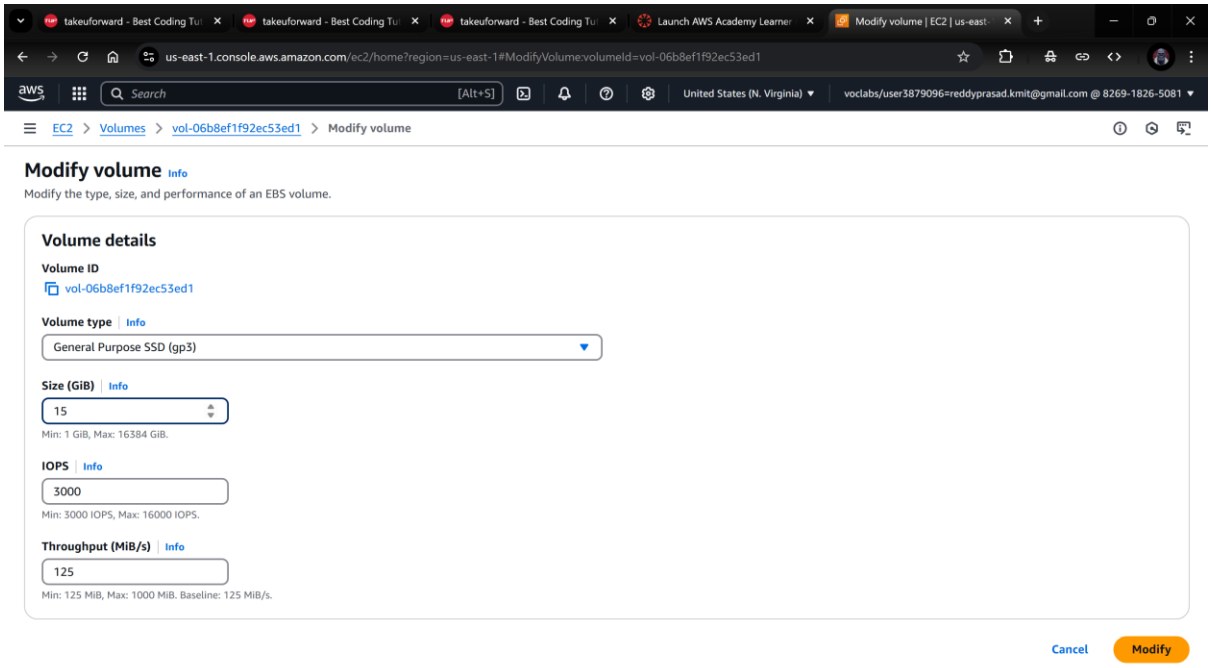
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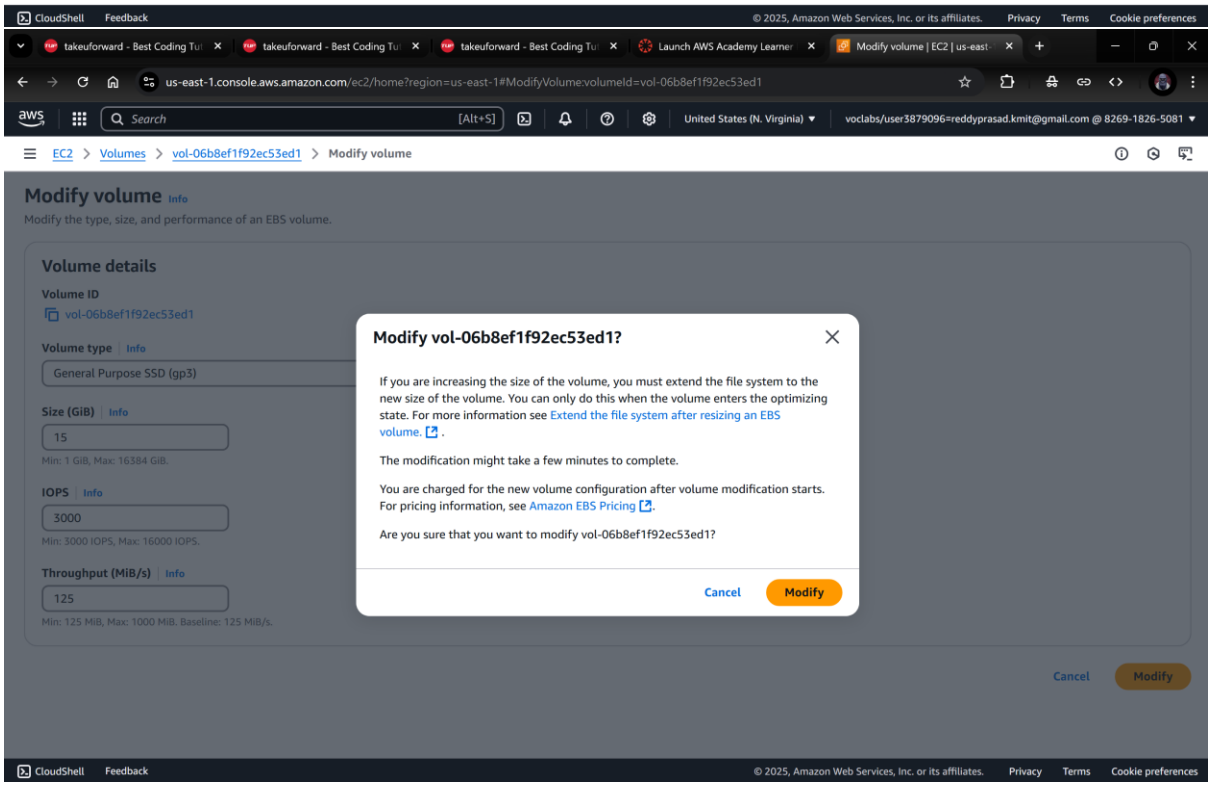
Launch AWS Academy Learner
Modify volume | EC2 | us-east-
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ModifyVolume:volumeId=vol-06b8ef1f92ec53ed1
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
EC2 > Volumes > vol-06b8ef1f92ec53ed1 > Modify volume
Modify volume Info
Modify the type, size, and performance of an EBS volume.
Volume details
Volume ID
vol-06b8ef1f92ec53ed1
Volume type Info
General Purpose SSD (gp3)
Size (GiB) Info
15
Min: 1 GiB, Max: 16384 GiB.
IOPS Info
3000
Min: 3000 IOPS, Max: 16000 IOPS.
Throughput (MiB/s) Info
125
Min: 125 MiB, Max: 1000 MiB. Baseline: 125 MiB/s.
Cancel
Modify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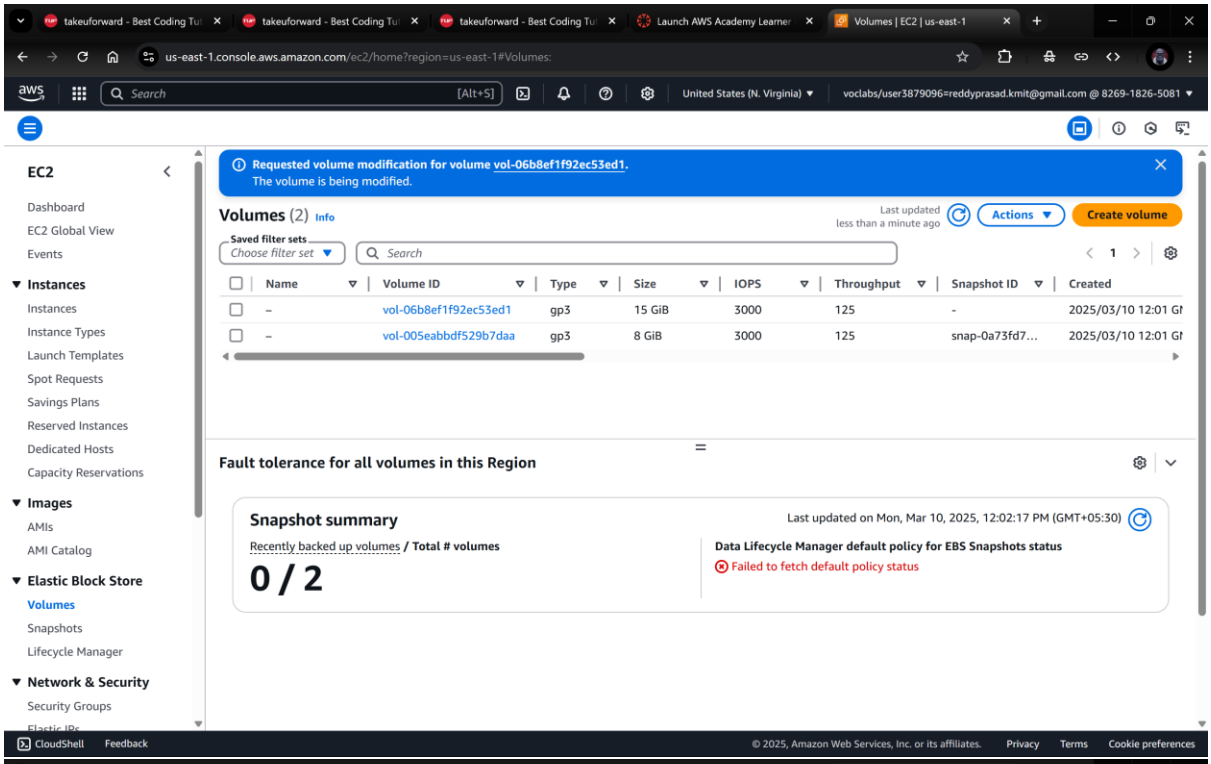
Modify vol-06b8ef1f92ec53ed1?
If you are increasing the size of the volume, you must extend the file system to the new size of the volume. You can only do this when the volume enters the optimizing state. For more information see Extend the file system after resizing an EBS volume.
The modification might take a few minutes to complete.
You are charged for the new volume configuration after volume modification starts. For pricing information, see Amazon EBS Pricing.
Are you sure that you want to modify vol-06b8ef1f92ec53ed1?
Cancel
Modify

EBS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Launch AWS Academy Learner
Volumes | EC2 | us-east-1
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:
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EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Requested volume modification for volume vol-06b8ef1f92ec53ed1.
The volume is being modified.
Volumes (2) Info
Last updated less than a minute ago
Actions
Create volume
Saved filter sets
Choose filter set
Search
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot ID
Created
vol-06b8ef1f92ec53ed1 gp3 15 GiB 3000 125 - 2025/03/10 12:01 GI
vol-005eabbdf529b7daa gp3 8 GiB 3000 125 snap-0a73fd7... 2025/03/10 12:01 GI
Fault tolerance for all volumes in this Region
Snapshot summary
Last updated on Mon, Mar 10, 2025, 12:02:17 PM (GMT+05:30)
Recently backed up volumes / Total # volumes
0 / 2
Data Lifecycle Manager default policy for EBS Snapshots status
Failed to fetch default policy status
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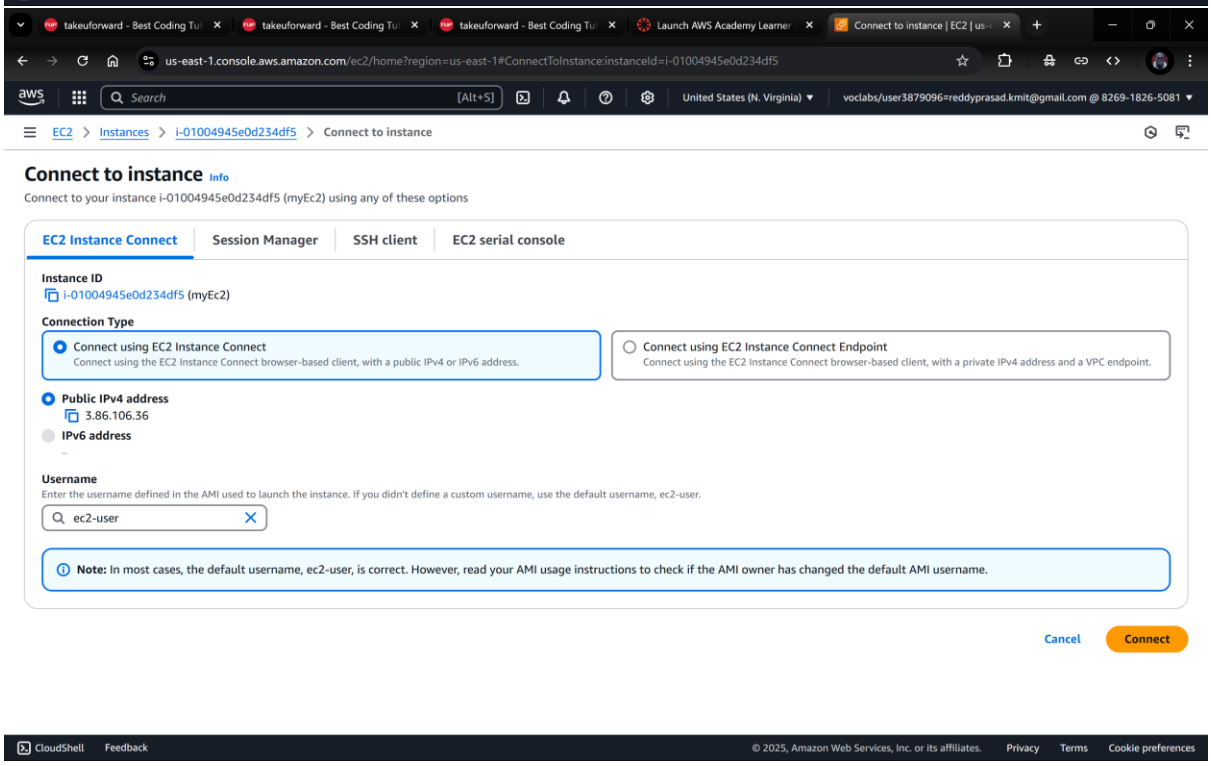
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Connect to instance | EC2 | us-
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-01004945e0d234df5
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EC2 > Instances > i-01004945e0d234df5 > Connect to instance
Connect to instance Info
Connect to your instance i-01004945e0d234df5 (myEc2) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-01004945e0d234df5 (myEc2)
Connection Type
Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.
Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.
Public IPv4 address
3.86.106.36
IPv6 address
Username
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ec2-user.
ec2-user
Note: In most cases, the default username, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.
Cancel
Connect
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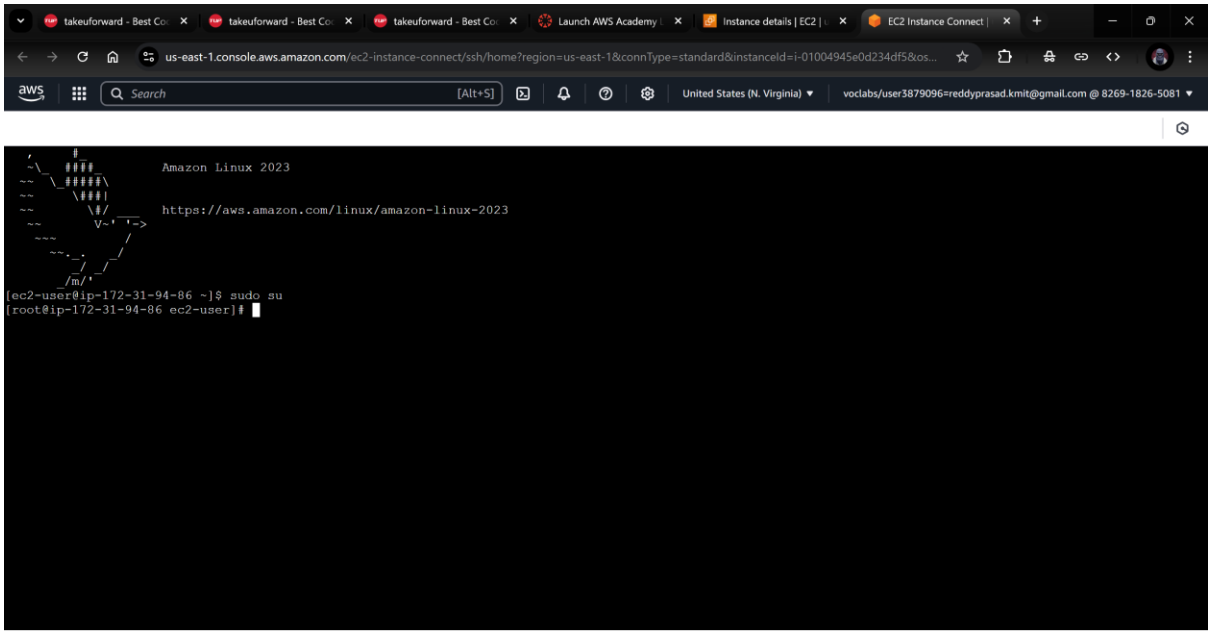
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Instance details | EC2 |
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
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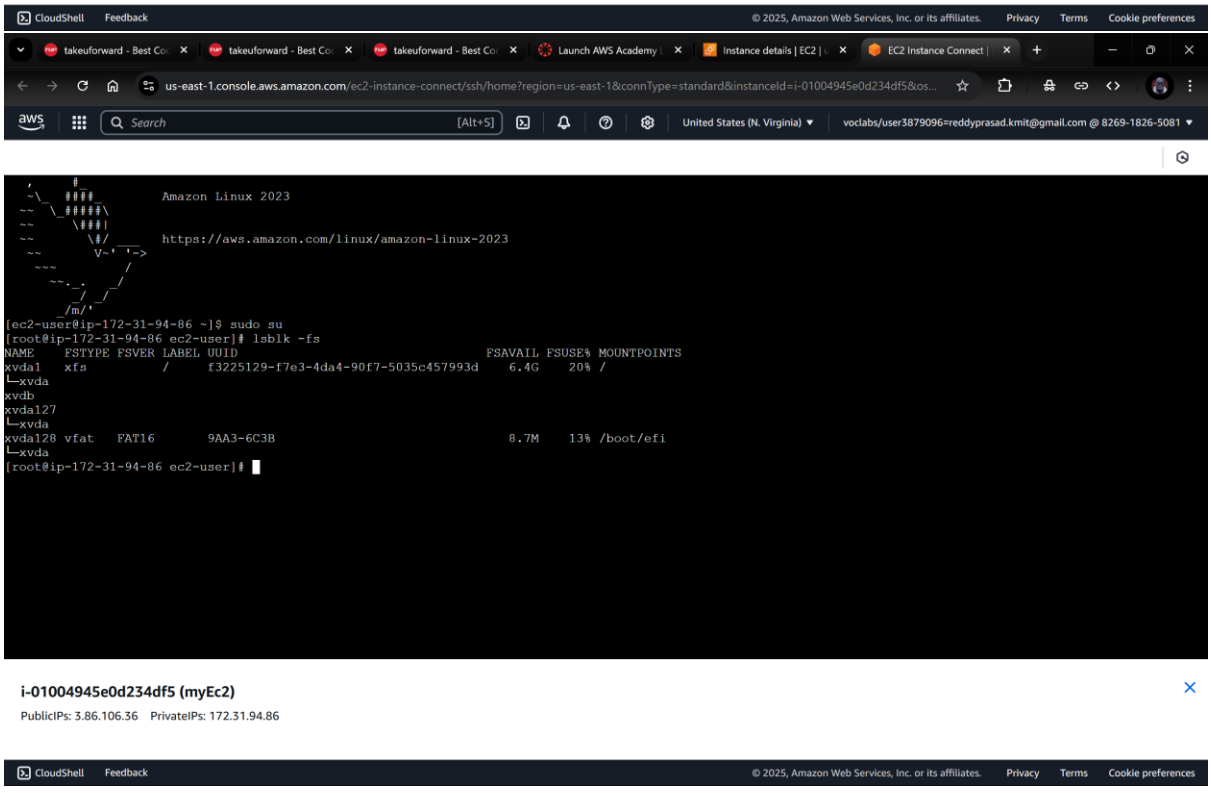
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-94-86 ~]$ sudo su
[root@ip-172-31-94-86 ec2-user]#
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86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Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-94-86 ~]$ sudo su
[root@ip-172-31-94-86 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 ec2-user]#
i-01004945e0d234df5 (myEc2)
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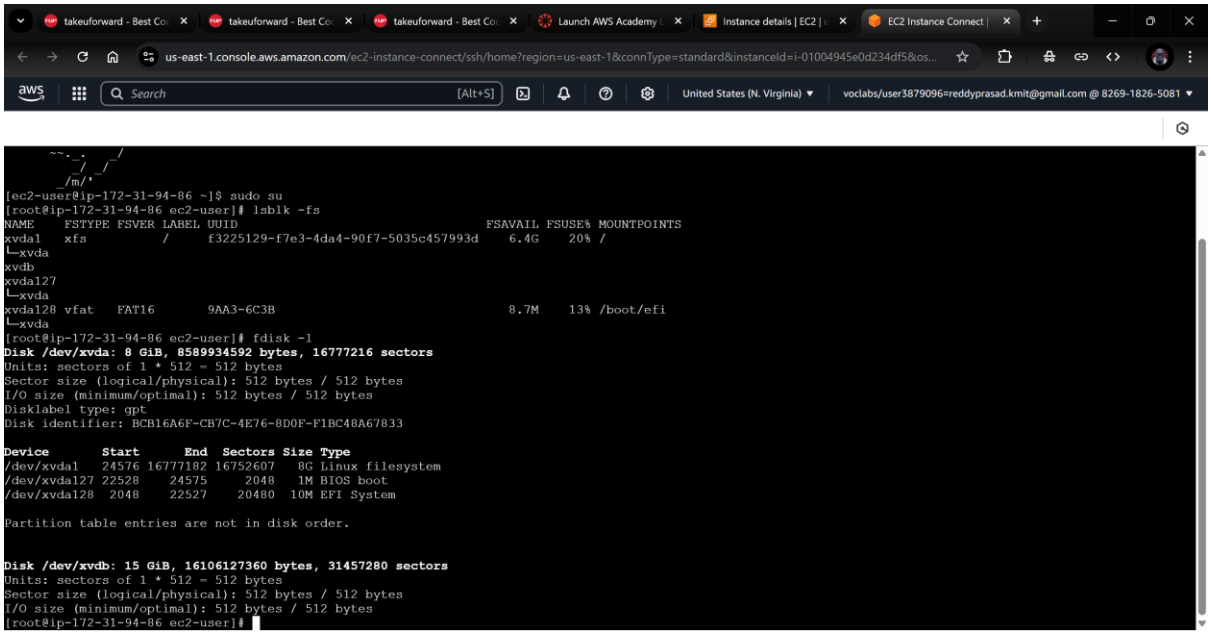
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Instance details | EC2 |
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
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~~_. _/
_/ _/
_/m/'
[ec2-user@ip-172-31-94-86 ~]$ sudo su
[root@ip-172-31-94-86 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 ec2-user]# fdisk -l
Disk /dev/xvda: 8 GiB, 8589934592 bytes, 16777216 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: gpt
Disk identifier: BCB16A6F-CB7C-4E76-8D0F-F1BC48A67833
Device Start End Sectors Size Type
/dev/xvda1 24576 16777182 16752607 8G Linux filesystem
/dev/xvda127 22528 24575 2048 1M BIOS boot
/dev/xvda128 2048 22527 20480 10M EFI System
Partition table entries are not in disk order.
Disk /dev/xvdb: 15 GiB, 16106127360 bytes, 31457280 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
[root@ip-172-31-94-86 ec2-user]#
i-01004945e0d234df5 (myEc2)
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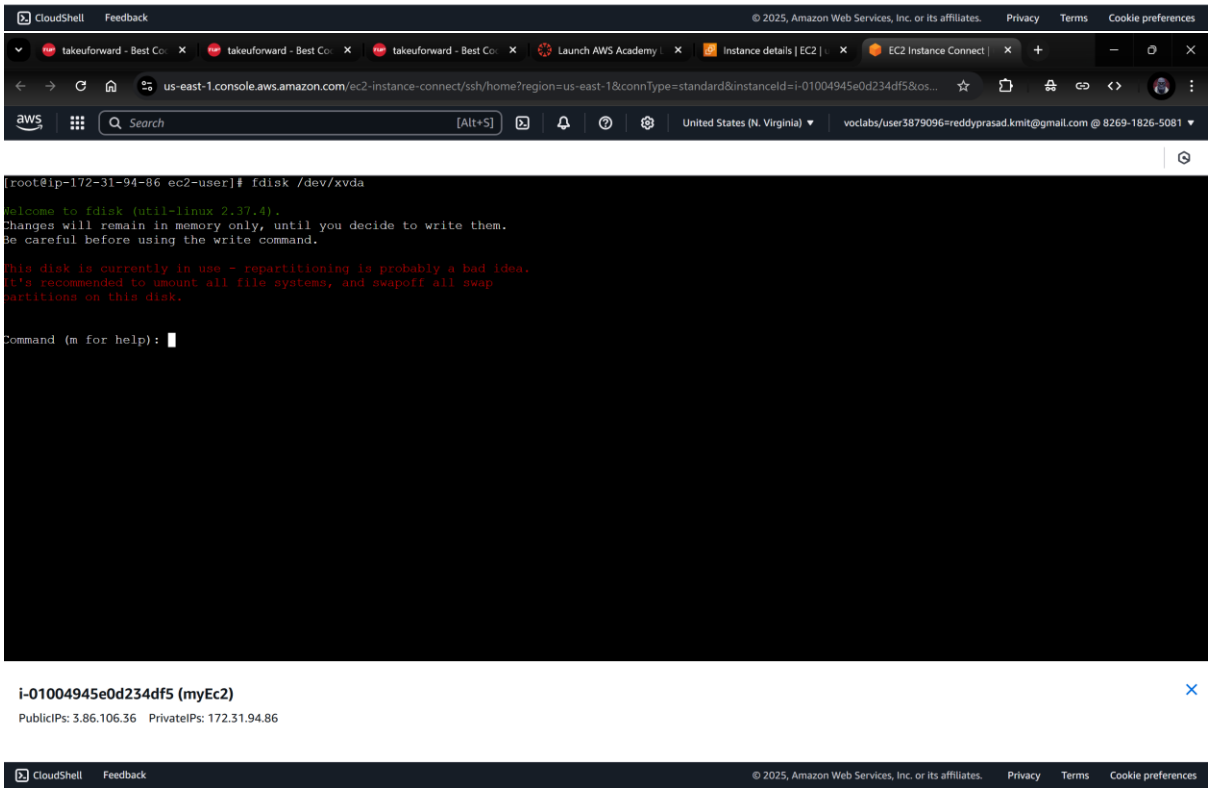
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[root@ip-172-31-94-86 ec2-user]# fdisk /dev/xvda
Welcome to fdisk (util-linux 2.37.4).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.
This disk is currently in use - repartitioning is probably a bad idea.
It's recommended to umount all file systems, and swapoff all swap
partitions on this disk.
Command (m for help):
i-01004945e0d234df5 (myEc2)
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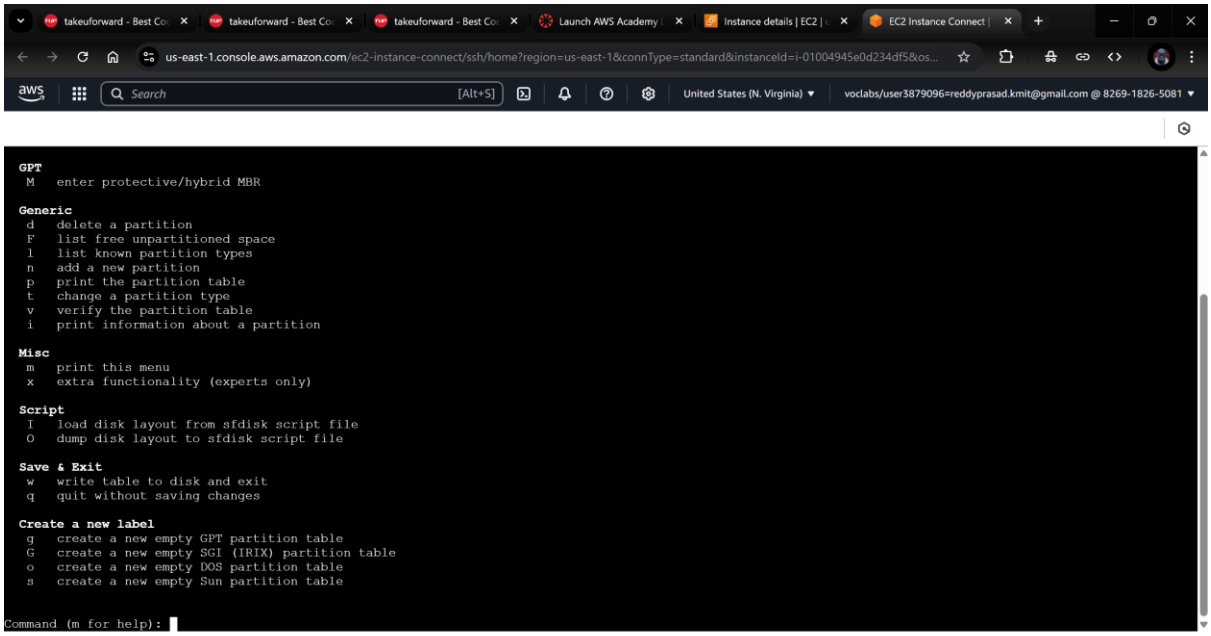
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EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
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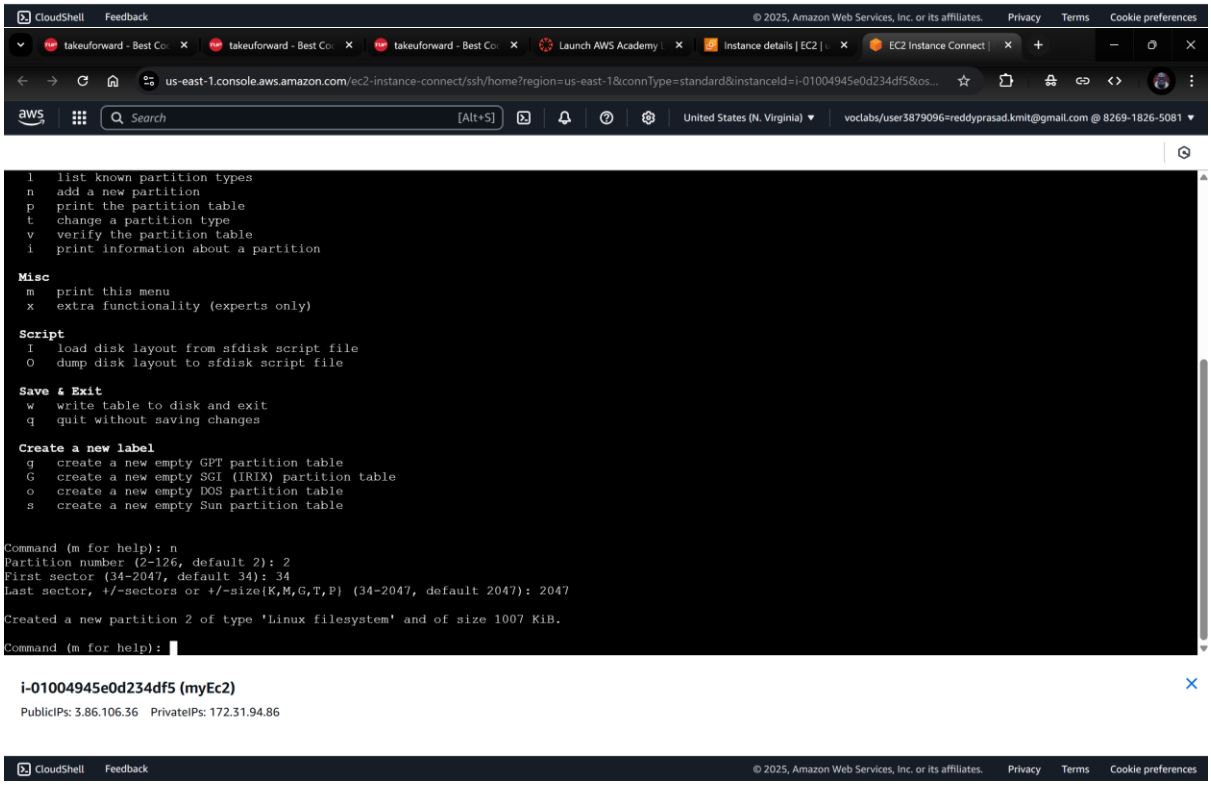
GPT
M enter protective/hybrid MBR
Generic
d delete a partition
F list free unpartitioned space
l list known partition types
n add a new partition
p print the partition table
t change a partition type
v verify the partition table
i print information about a partition
Misc
m print this menu
x extra functionality (experts only)
Script
I load disk layout from sfdisk script file
O dump disk layout to sfdisk script file
Save & Exit
w write table to disk and exit
q quit without saving changes
Create a new label
g create a new empty GPT partition table
G create a new empty SGI (IRIX) partition table
o create a new empty DOS partition table
s create a new empty Sun partition table
Command (m for help):
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86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l list known partition types
n add a new partition
p print the partition table
t change a partition type
v verify the partition table
i print information about a partition
Misc
m print this menu
x extra functionality (experts only)
Script
I load disk layout from sfdisk script file
O dump disk layout to sfdisk script file
Save & Exit
w write table to disk and exit
q quit without saving changes
Create a new label
g create a new empty GPT partition table
G create a new empty SGI (IRIX) partition table
o create a new empty DOS partition table
s create a new empty Sun partition table
Command (m for help): n
Partition number (2-126, default 2): 2
First sector (34-2047, default 34): 34
Last sector, +/-sectors or +/-size{K,M,G,T,P} (34-2047, default 2047): 2047
Created a new partition 2 of type 'Linux filesystem' and of size 1007 KiB.
Command (m for help):
i-01004945e0d234df5 (myEc2)
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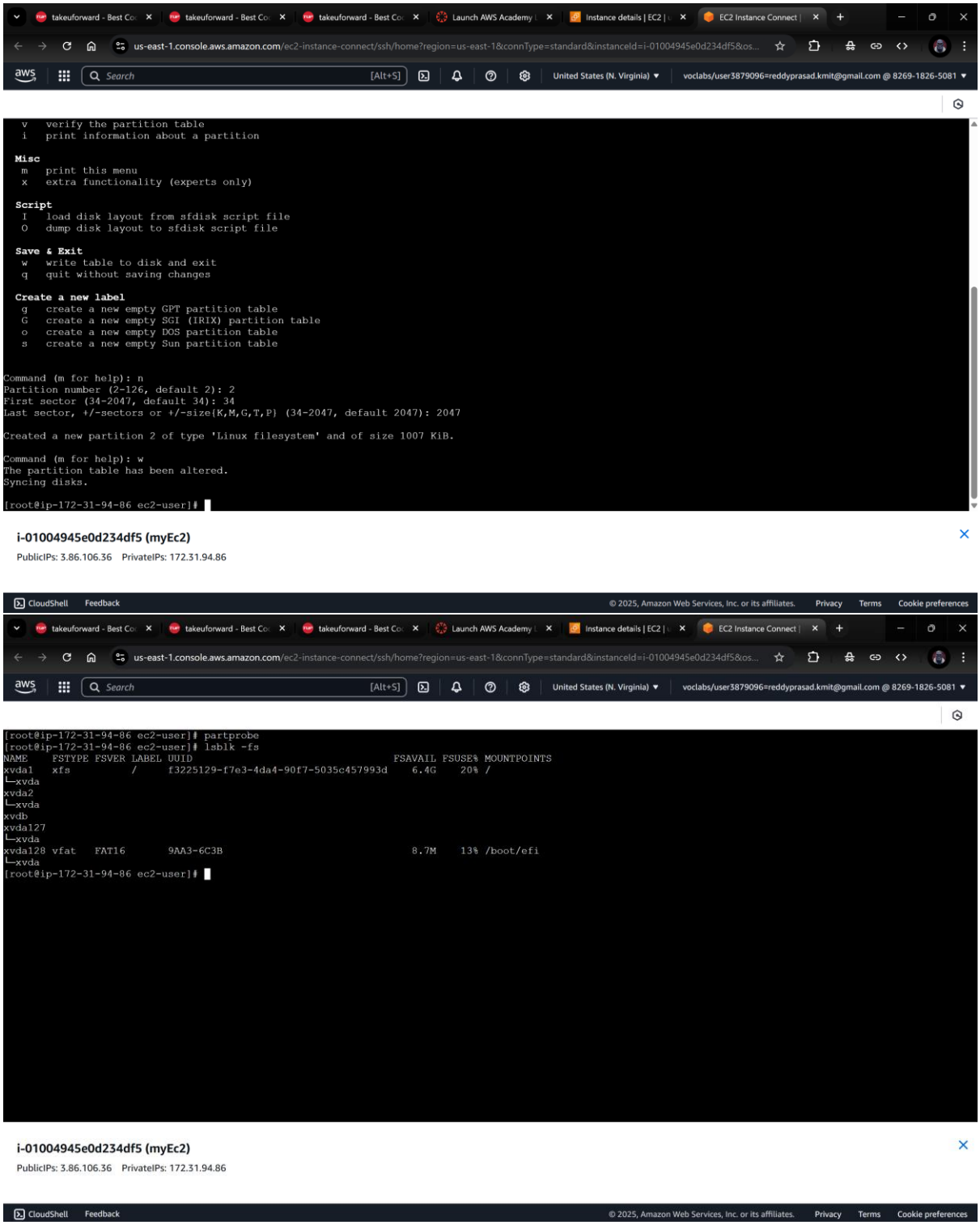
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EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
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v verify the partition table
i print information about a partition
Misc
m print this menu
x extra functionality (experts only)
Script
I load disk layout from sfdisk script file
O dump disk layout to sfdisk script file
Save & Exit
w write table to disk and exit
q quit without saving changes
Create a new label
g create a new empty GPT partition table
G create a new empty SGI (IRIX) partition table
o create a new empty DOS partition table
s create a new empty Sun partition table
Command (m for help): n
Partition number (2-126, default 2): 2
First sector (34-2047, default 34): 34
Last sector, +/-sectors or +/-size{K,M,G,T,P} (34-2047, default 2047): 2047
Created a new partition 2 of type 'Linux filesystem' and of size 1007 KiB.
Command (m for help): w
The partition table has been altered.
Syncing disks.
[root@ip-172-31-94-86 ec2-user]#
i-01004945e0d234df5 (myEc2)
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[root@ip-172-31-94-86 ec2-user]# partprobe
[root@ip-172-31-94-86 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvda2
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 ec2-user]#
i-01004945e0d234df5 (myEc2)
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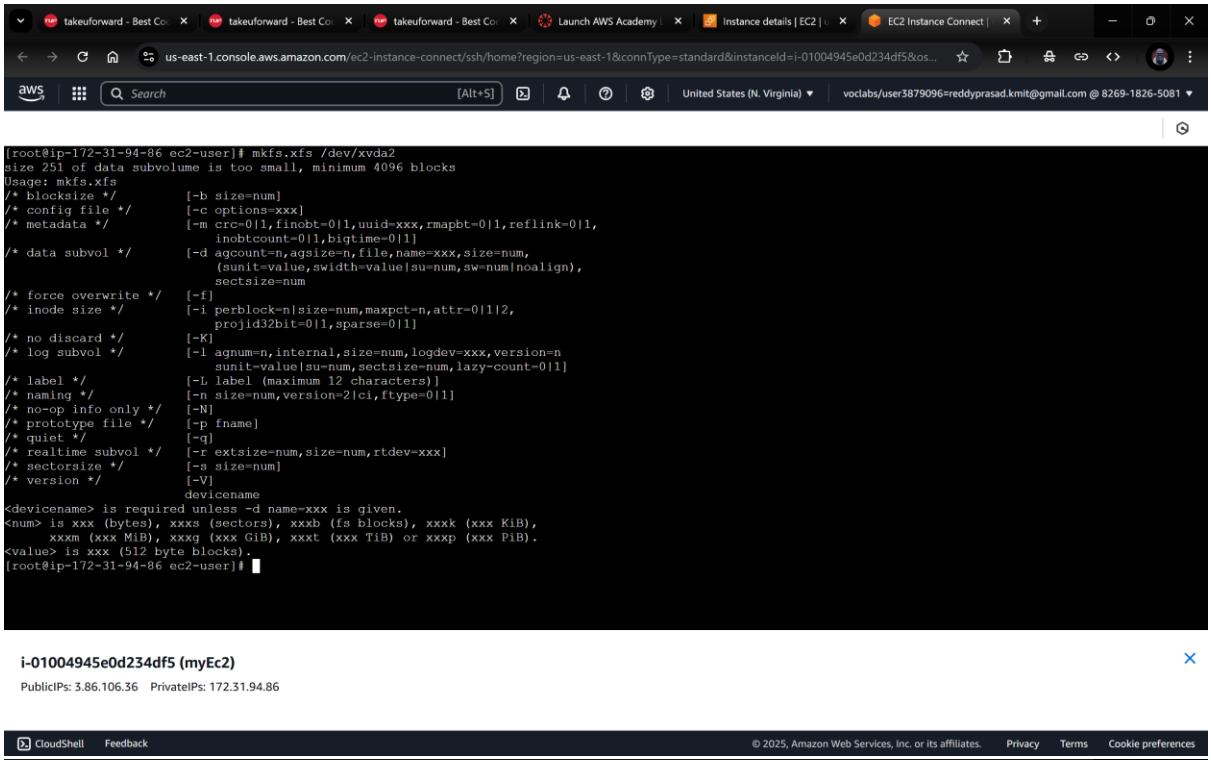
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us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
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[root@ip-172-31-94-86 ec2-user]# mkfs.xfs /dev/xvda2
size 251 of data subvolume is too small, minimum 4096 blocks
Usage: mkfs.xfs
/* blocksize */ [-b size=num]
/* config file */ [-c options=xxx]
/* metadata */ [-m crc=0|1,finobt=0|1,uuid=xxx,rmapbt=0|1,reflink=0|1,
inobtcount=0|1,bigtime=0|1]
/* data subvol */ [-d agcount=n,agsize=n,file,name=xxx,size=num,
(sunit=value,swidth=value|su=num,sw=num|noalign),
sectsize=num
/* force overwrite */ [-f]
/* inode size */ [-i perblock=n|size=num,maxpct=n,attr=0|1|2,
projid32bit=0|1,sparse=0|1]
/* no discard */ [-K]
/* log subvol */ [-l agnum=n,internal,size=num,logdev=xxx,version=n
sunit=value|su=num,sectsize=num,lazy-count=0|1]
/* label */ [-L label (maximum 12 characters)]
/* naming */ [-n size=num,version=2|ci,ftype=0|1]
/* no-op info only */ [-N]
/* prototype file */ [-p fname]
/* quiet */ [-q]
/* realtime subvol */ [-r extsize=num,size=num,rtdev=xxx]
/* sectorsize */ [-s size=num]
/* version */ [-V]
devicename
<devicename> is required unless -d name=xxx is given.
<num> is xxx (bytes), xxxs (sectors), xxxb (fs blocks), xxxk (xxx KiB),
xxxm (xxx MiB), xxxg (xxx GiB), xxxt (xxx TiB) or xxxp (xxx PiB).
<value> is xxx (512 byte blocks).
[root@ip-172-31-94-86 ec2-user]#
i-01004945e0d234df5 (myEc2)
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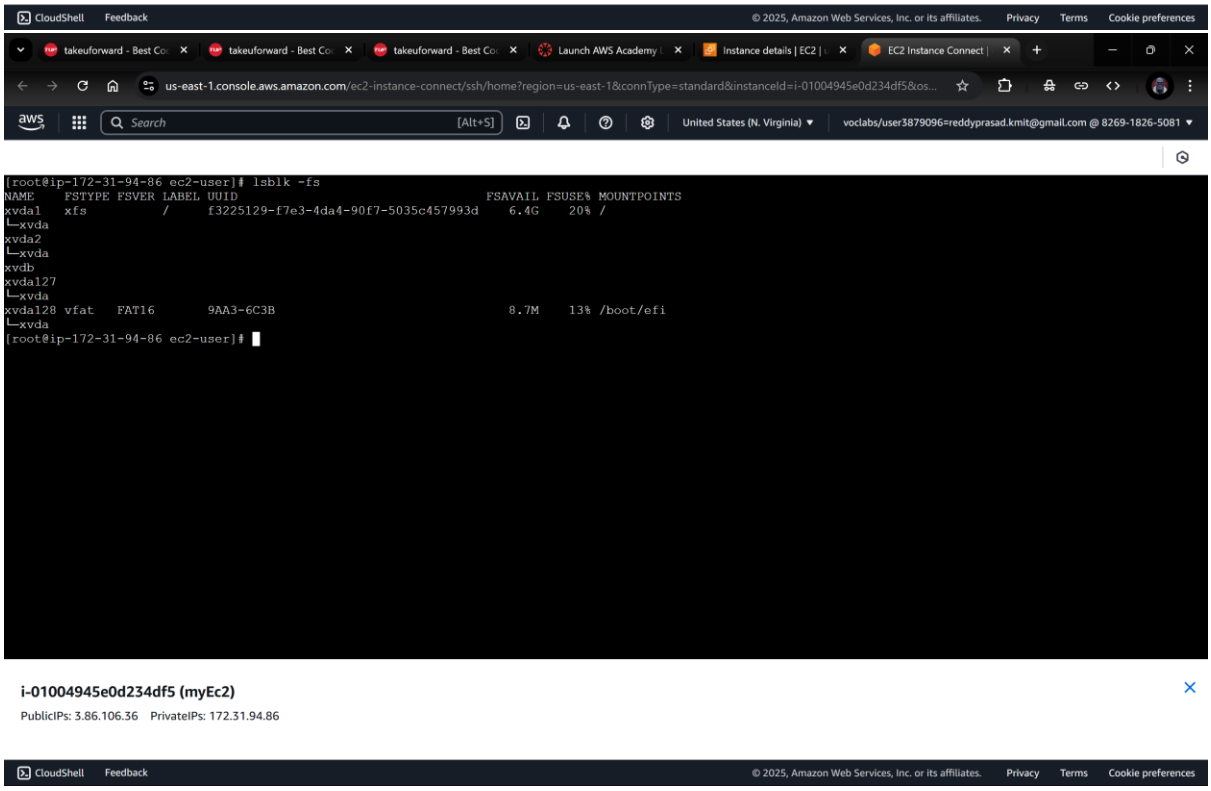
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EC2 Instance Connect
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Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[root@ip-172-31-94-86 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvda2
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 ec2-user]#
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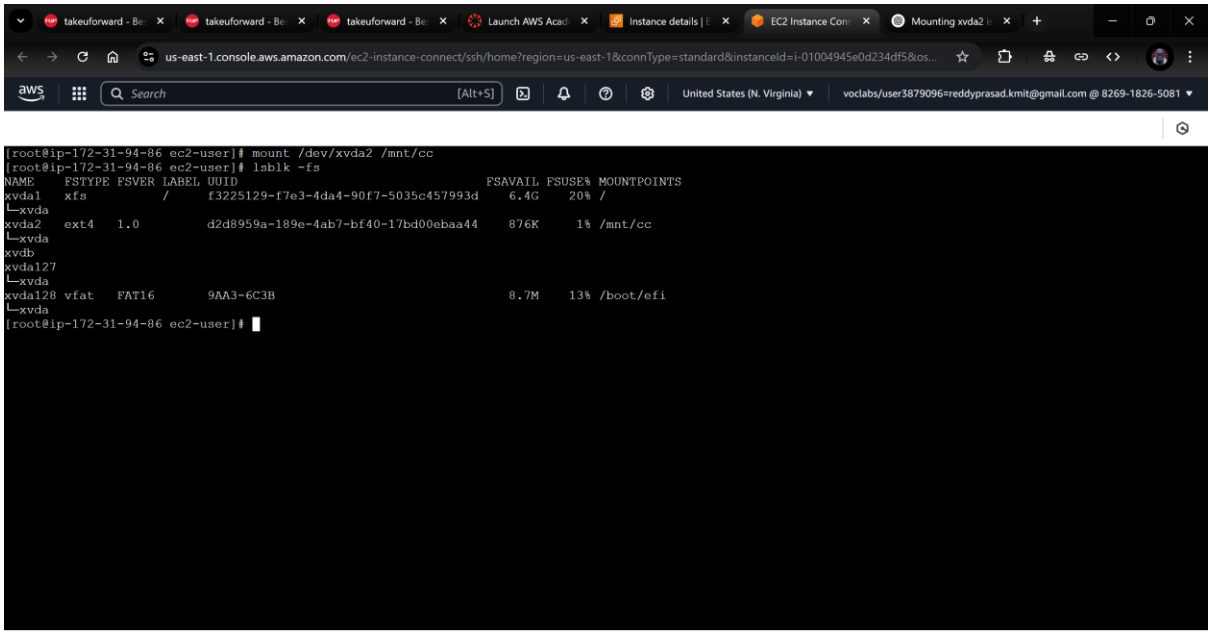
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Instance details | E
EC2 Instance Conr
Mounting xvda2 is
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
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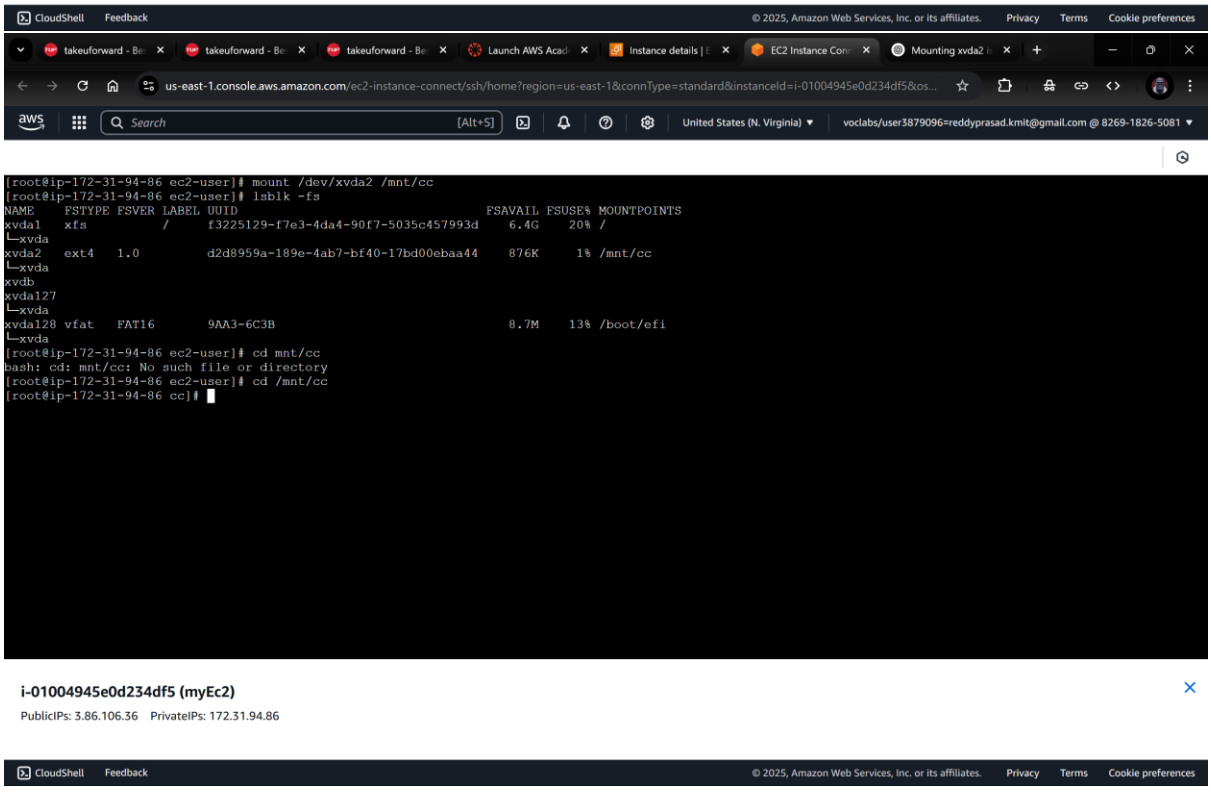
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[root@ip-172-31-94-86 ec2-user]# mount /dev/xvda2 /mnt/cc
[root@ip-172-31-94-86 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvda2 ext4 1.0 d2d8959a-189e-4ab7-bf40-17bd00ebaa44 876K 1% /mnt/cc
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 ec2-user]#
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86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Cookie preferences
takeuforward - Be
takeuforward - Be
takeuforward - Be
Launch AWS Acad
Instance details | E
EC2 Instance Conr
Mounting xvda2 is
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
aws
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[root@ip-172-31-94-86 ec2-user]# mount /dev/xvda2 /mnt/cc
[root@ip-172-31-94-86 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvda2 ext4 1.0 d2d8959a-189e-4ab7-bf40-17bd00ebaa44 876K 1% /mnt/cc
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 ec2-user]# cd mnt/cc
bash: cd: mnt/cc: No such file or directory
[root@ip-172-31-94-86 ec2-user]# cd /mnt/cc
[root@ip-172-31-94-86 cc]#
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86
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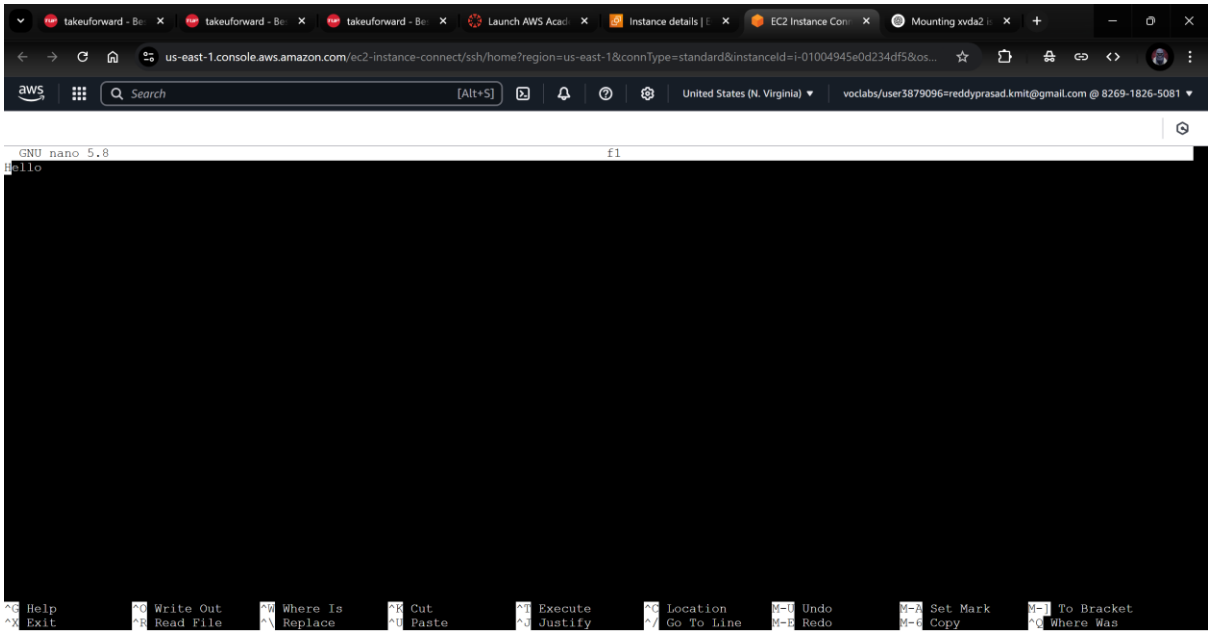
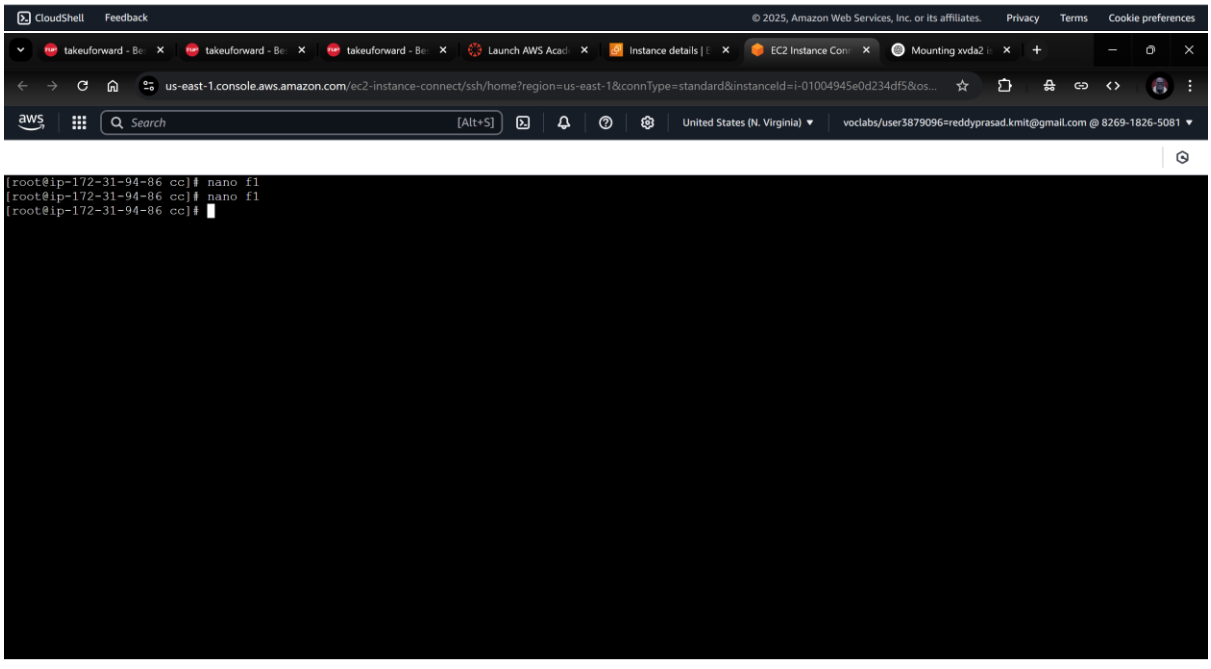


i-01004945e0d234df5 (myEc2)

PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86



i-01004945e0d234df5 (myEc2)

PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86

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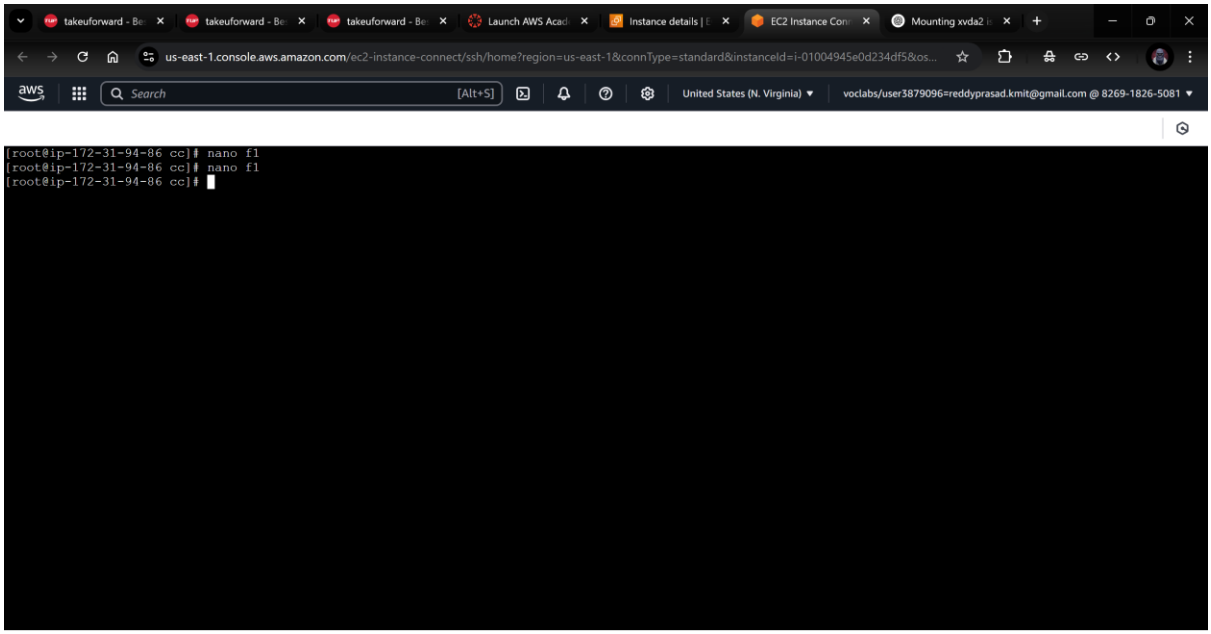
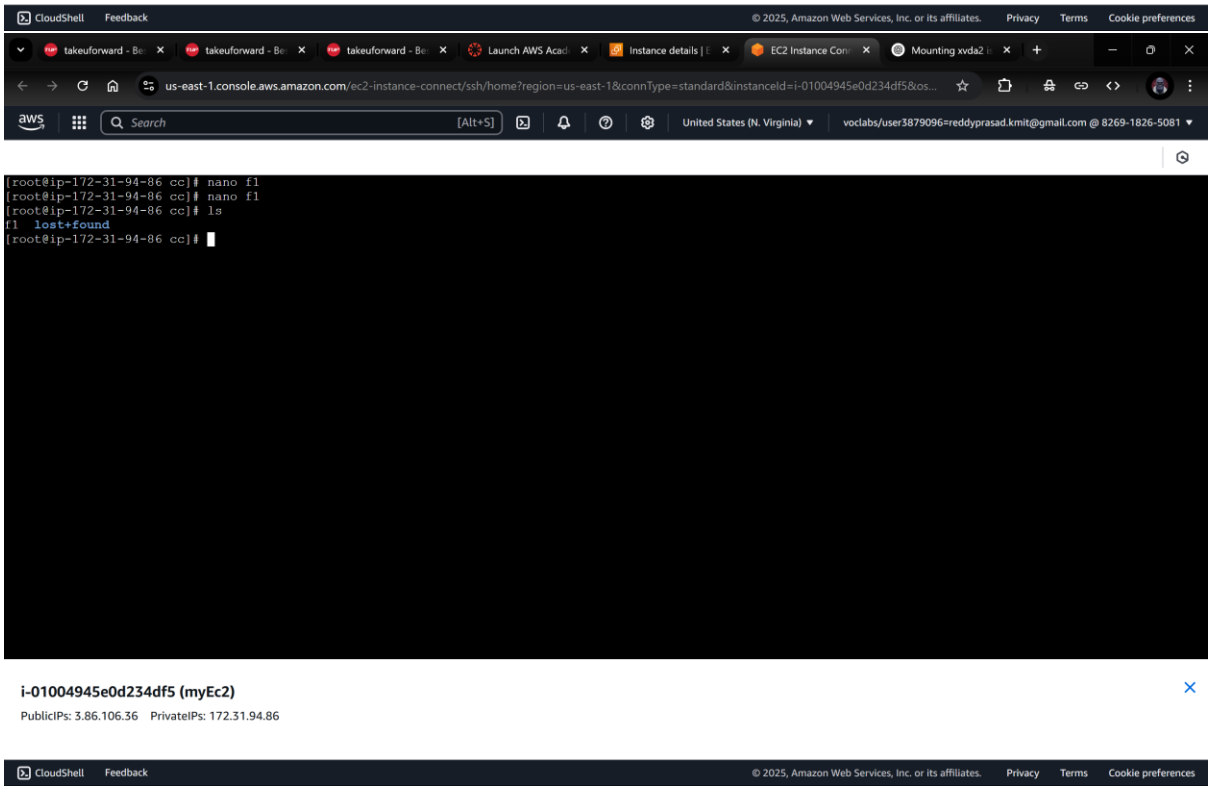

takeuforward - Be
takeuforward - Be
takeuforward - Be
Launch AWS Acad
Instance details | E
EC2 Instance Conr
Mounting xvda2 is
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
aws
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[root@ip-172-31-94-86 cc]# nano f1
[root@ip-172-31-94-86 cc]# nano f1
[root@ip-172-31-94-86 cc]#
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86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Cookie preferences
takeuforward - Be
takeuforward - Be
takeuforward - Be
Launch AWS Acad
Instance details | E
EC2 Instance Conr
Mounting xvda2 is
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
aws
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[root@ip-172-31-94-86 cc]# nano f1
[root@ip-172-31-94-86 cc]# nano f1
[root@ip-172-31-94-86 cc]# ls
f1 lost+found
[root@ip-172-31-94-86 cc]#
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86
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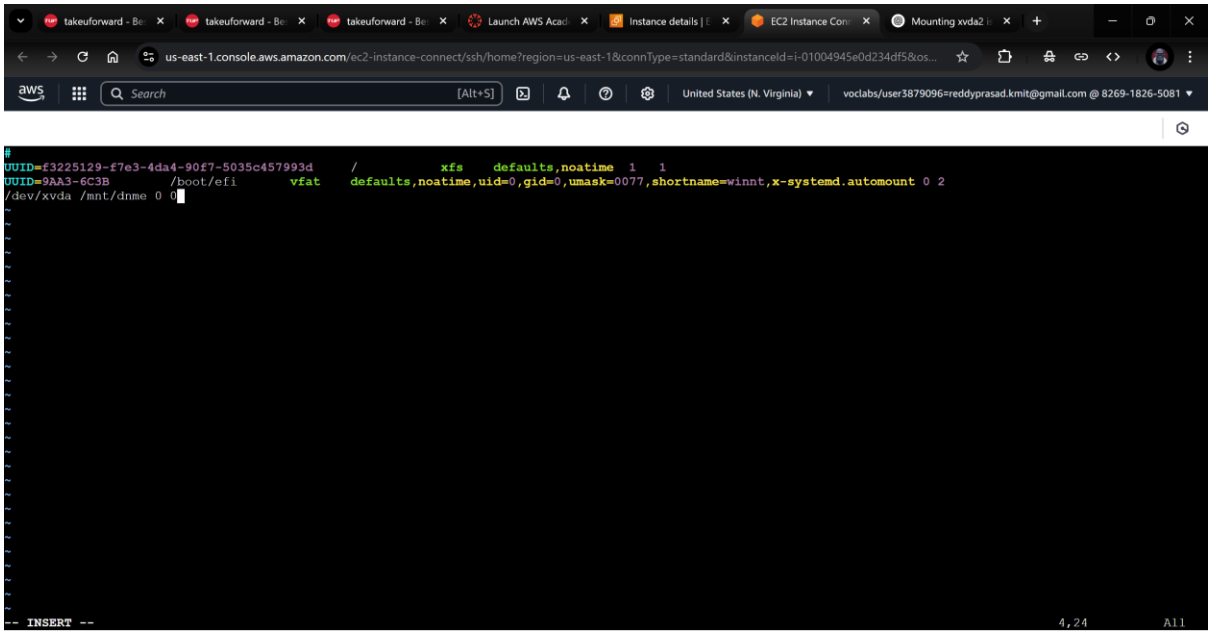
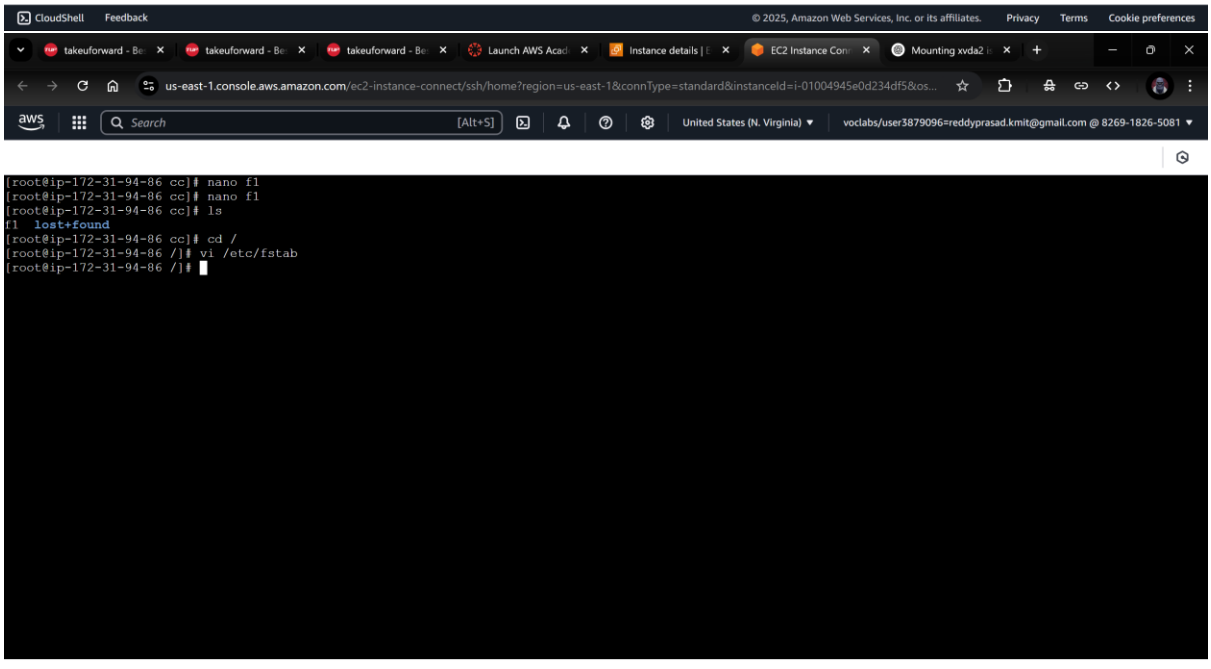


i-01004945e0d234df5 (myEc2)

PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86



i-01004945e0d234df5 (myEc2)

PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86

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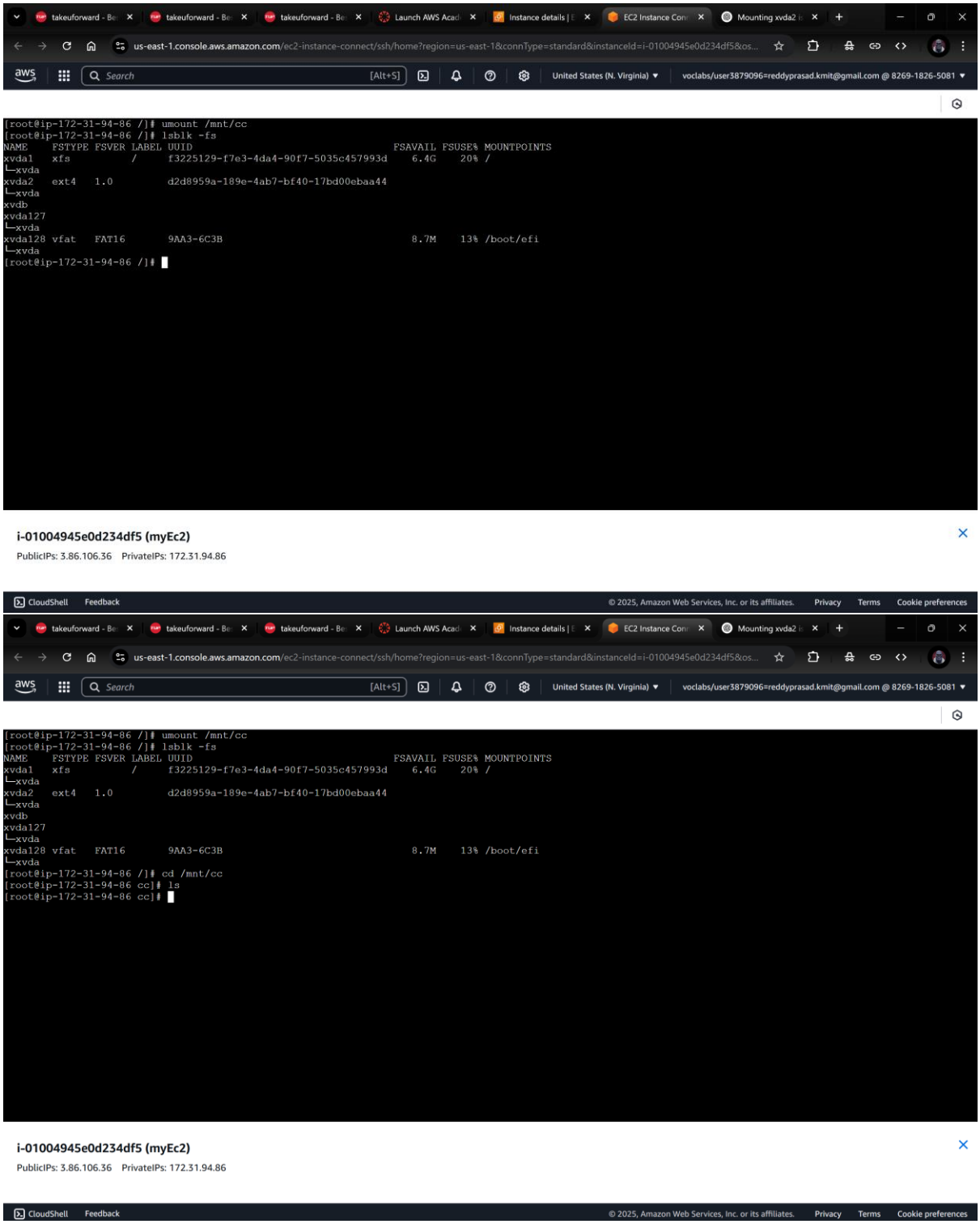
takeuforward - Be
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Launch AWS Acad
Instance details | E
EC2 Instance Conr
Mounting xvda2 is
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
aws
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[root@ip-172-31-94-86 /]# umount /mnt/cc
[root@ip-172-31-94-86 /]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvda2 ext4 1.0 d2d8959a-189e-4ab7-bf40-17bd00ebaa44
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 /]#
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86
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Launch AWS Acad
Instance details | E
EC2 Instance Conr
Mounting xvda2 is
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-01004945e0d234df5&os...
aws
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[root@ip-172-31-94-86 /]# umount /mnt/cc
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NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvda2 ext4 1.0 d2d8959a-189e-4ab7-bf40-17bd00ebaa44
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-94-86 /]# cd /mnt/cc
[root@ip-172-31-94-86 cc]# ls
[root@ip-172-31-94-86 cc]#
i-01004945e0d234df5 (myEc2)
PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86
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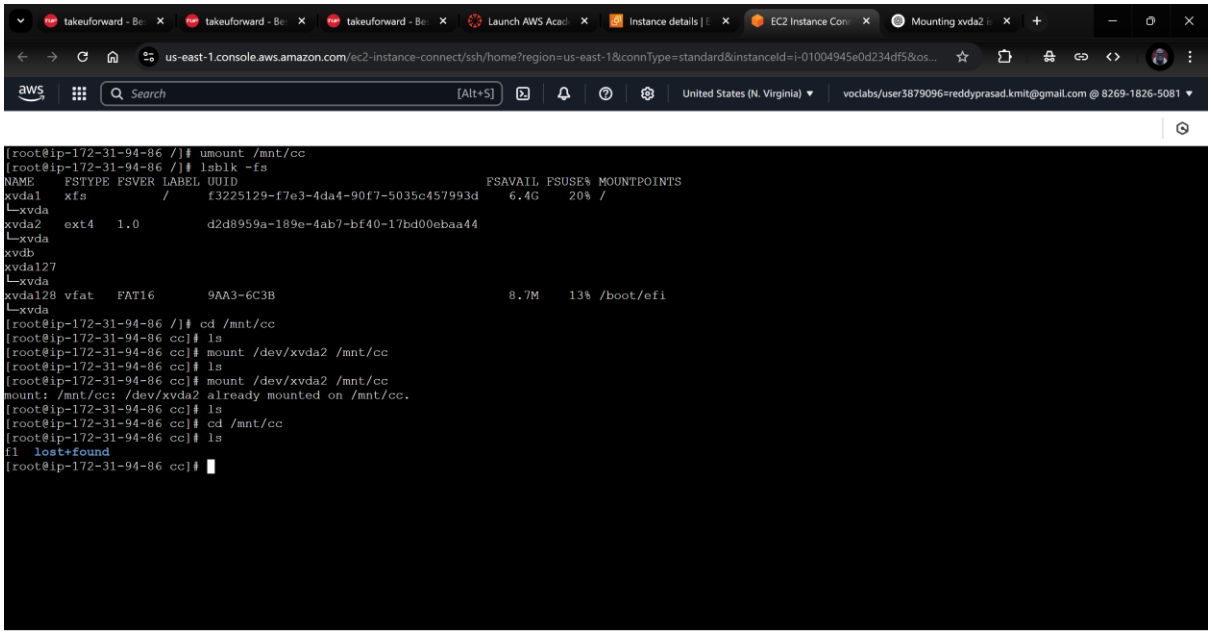
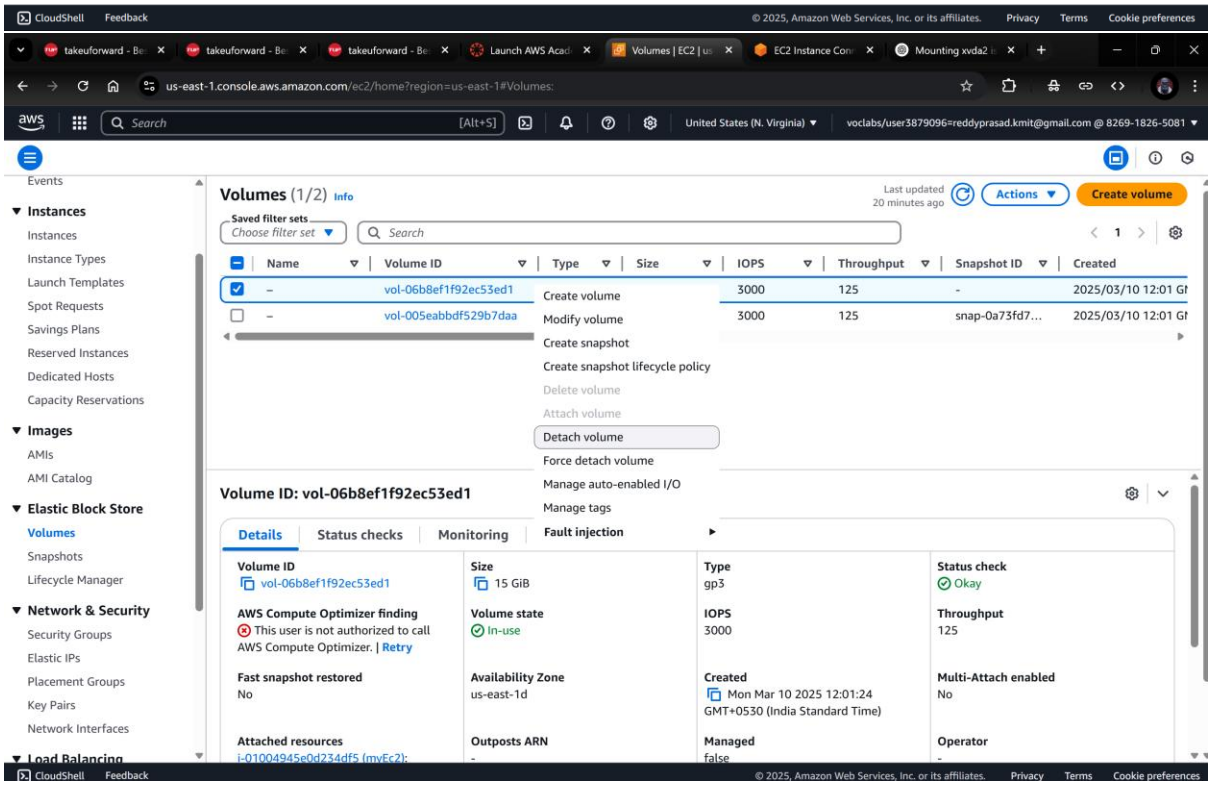
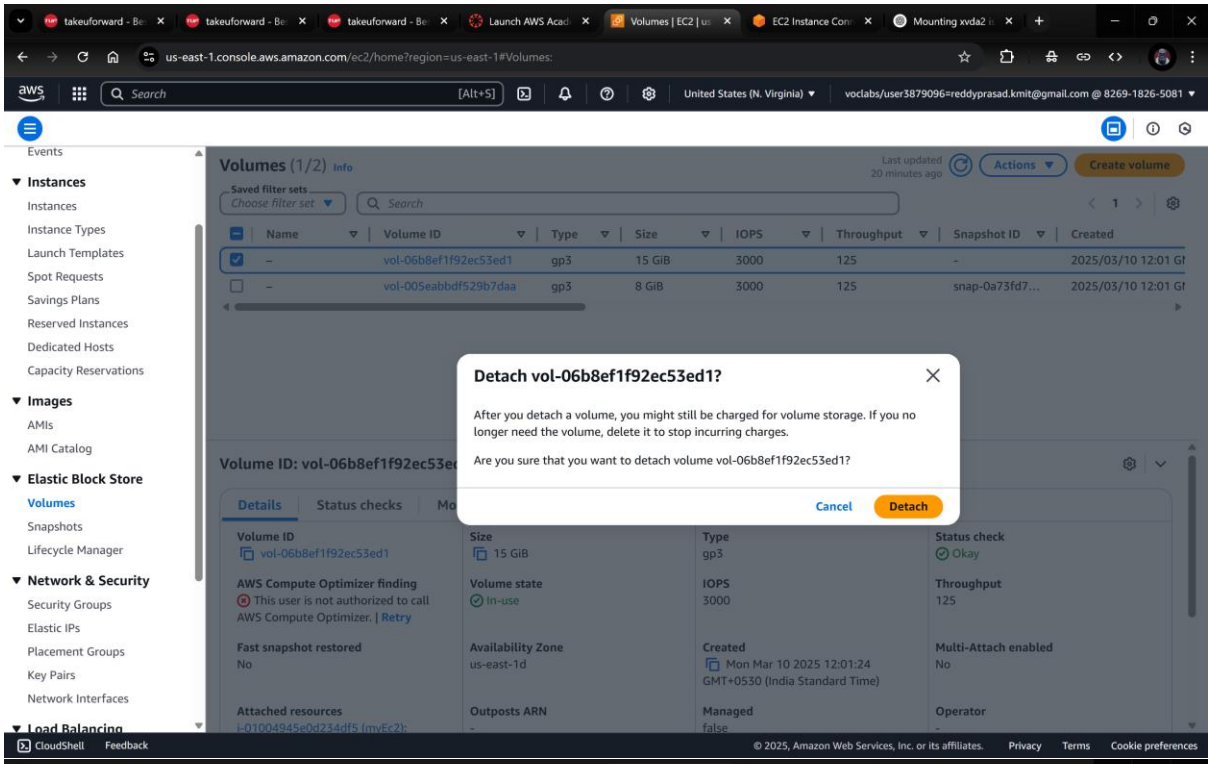


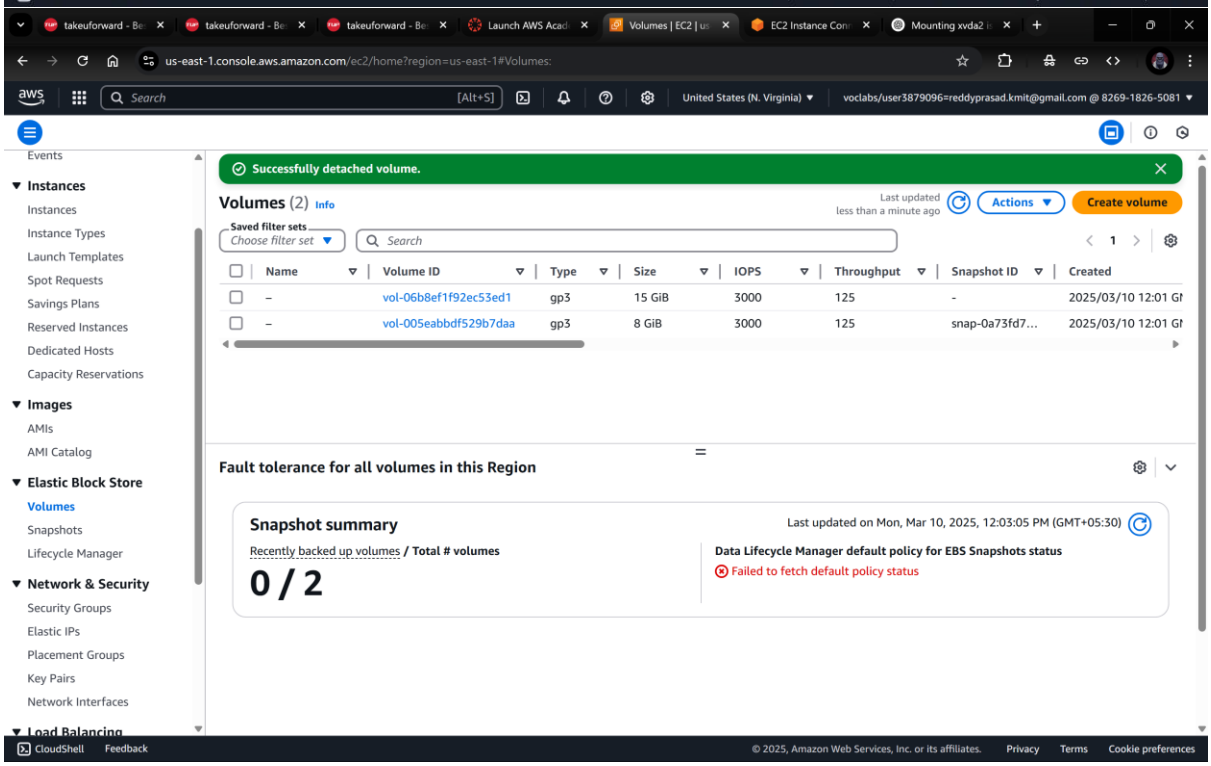
i-01004945e0d234df5 (myEc2)

PublicIPs: 3.86.106.36 PrivateIPs: 172.31.94.86

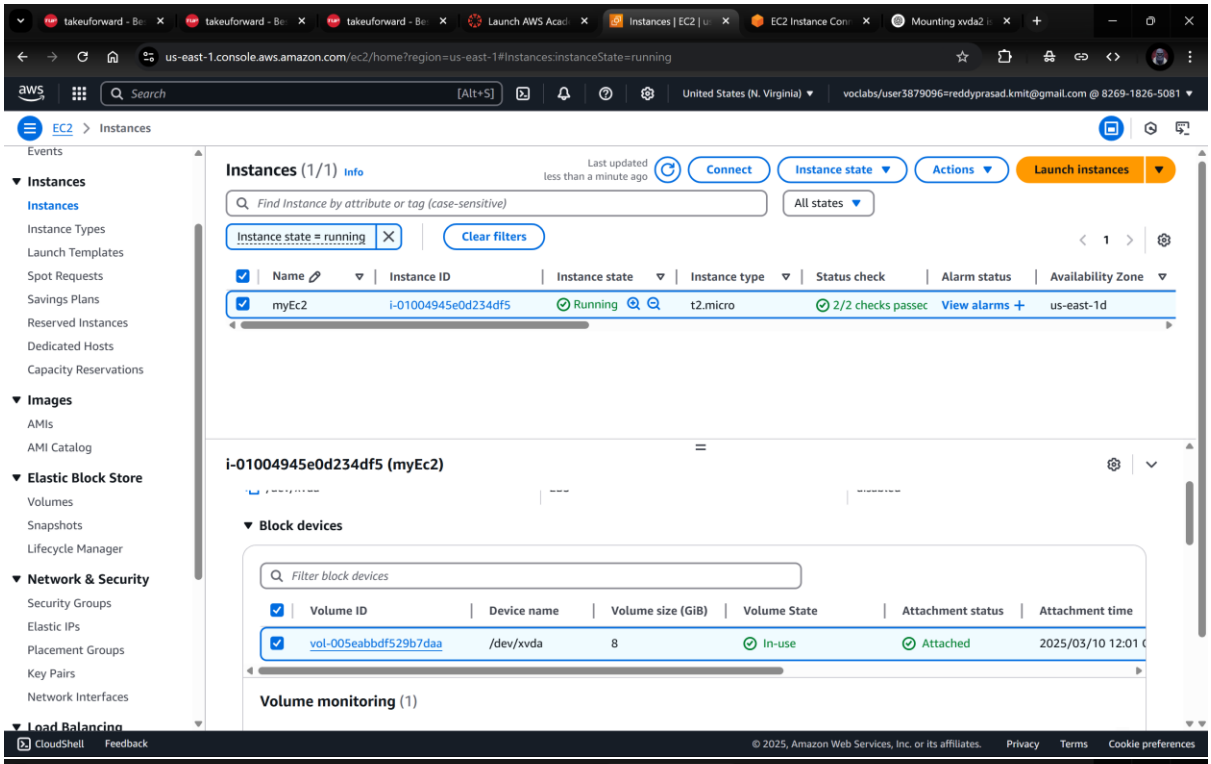


EBS


Detach vol-06b8ef1f92ec53ed1?
After you detach a volume, you might still be charged for volume storage. If you no longer need the volume, delete it to stop incurring charges.
Are you sure that you want to detach volume vol-06b8ef1f92ec53ed1?
Cancel
Detach


Successfully detached volume.
Fault tolerance for all volumes in this Region
Snapshot summary
0 / 2

EBS


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running
EC2 > Instances
Instances (1/1) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name | Instance ID | Instance state | Instance type | Status check | Alarm status | Availability Zone
myEc2 | i-01004945e0d234df5 | Running | t2.micro | 2/2 checks passec | View alarms + | us-east-1d
i-01004945e0d234df5 (myEc2)
Block devices
Filter block devices
Volume ID | Device name | Volume size (GiB) | Volume State | Attachment status | Attachment time
vol-005eabbdf529b7daa | /dev/xvda | 8 | In-use | Attached | 2025/03/10 12:01
Volume monitoring (1)
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
CloudShell
Feedback
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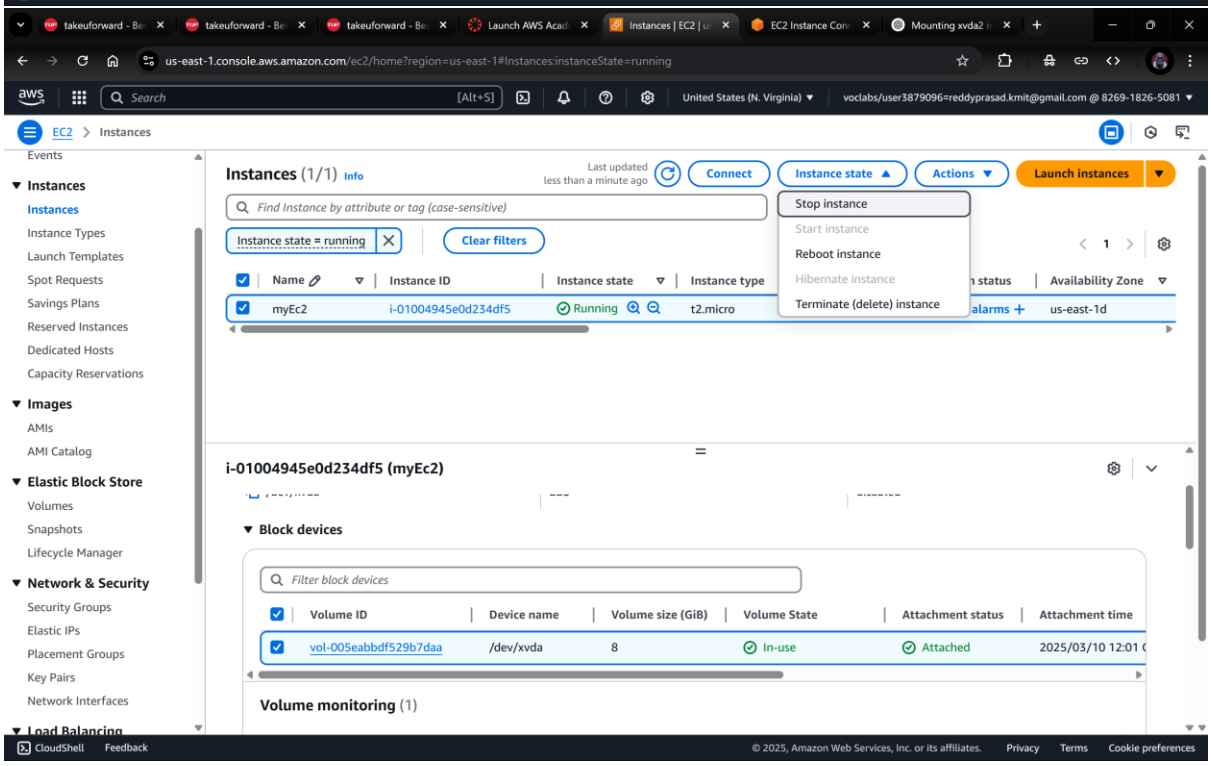
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running
EC2 > Instances
Instances (1/1) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Stop instance
Start instance
Reboot instance
Hibernate instance
Terminate (delete) instance
Find Instance by attribute or tag (case-sensitive)
Instance state = running
Clear filters
Name | Instance ID | Instance state | Instance type | Availability Zone
myEc2 | i-01004945e0d234df5 | Running | t2.micro | us-east-1d
i-01004945e0d234df5 (myEc2)
Block devices
Filter block devices
Volume ID | Device name | Volume size (GiB) | Volume State | Attachment status | Attachment time
vol-005eabbdf529b7daa | /dev/xvda | 8 | In-use | Attached | 2025/03/10 12:01
Volume monitoring (1)
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
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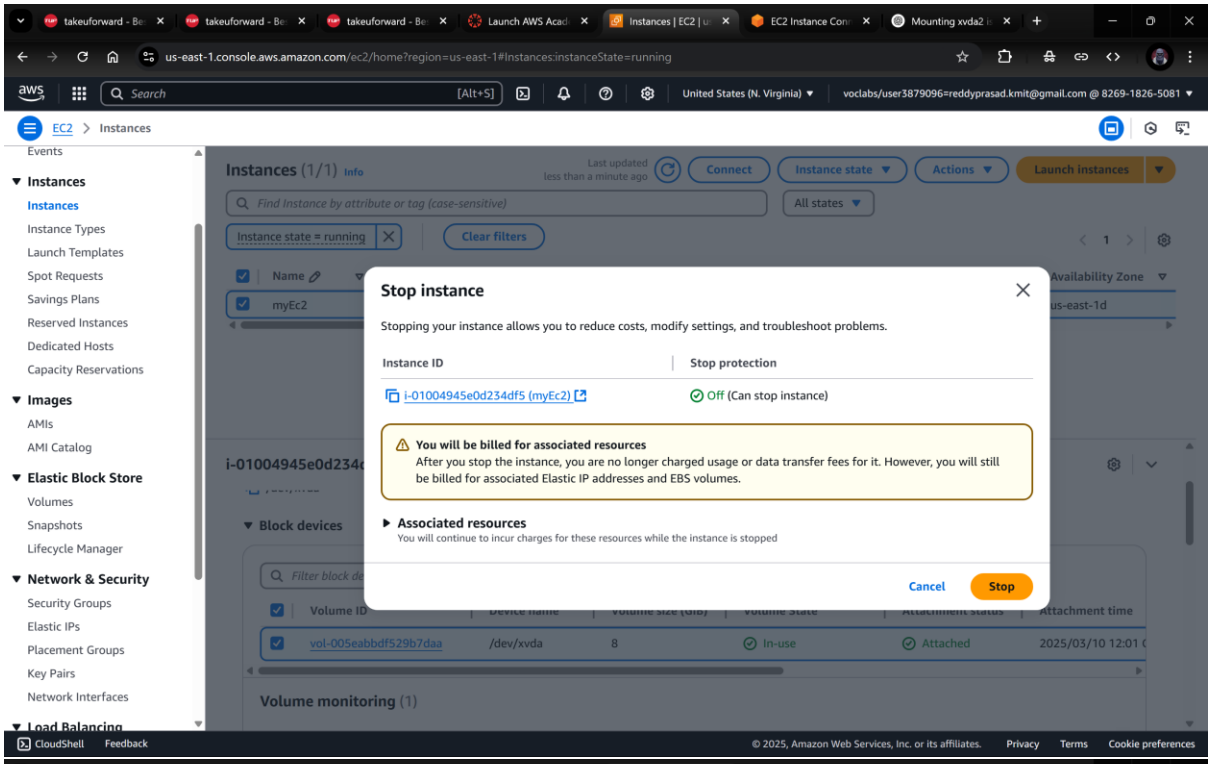
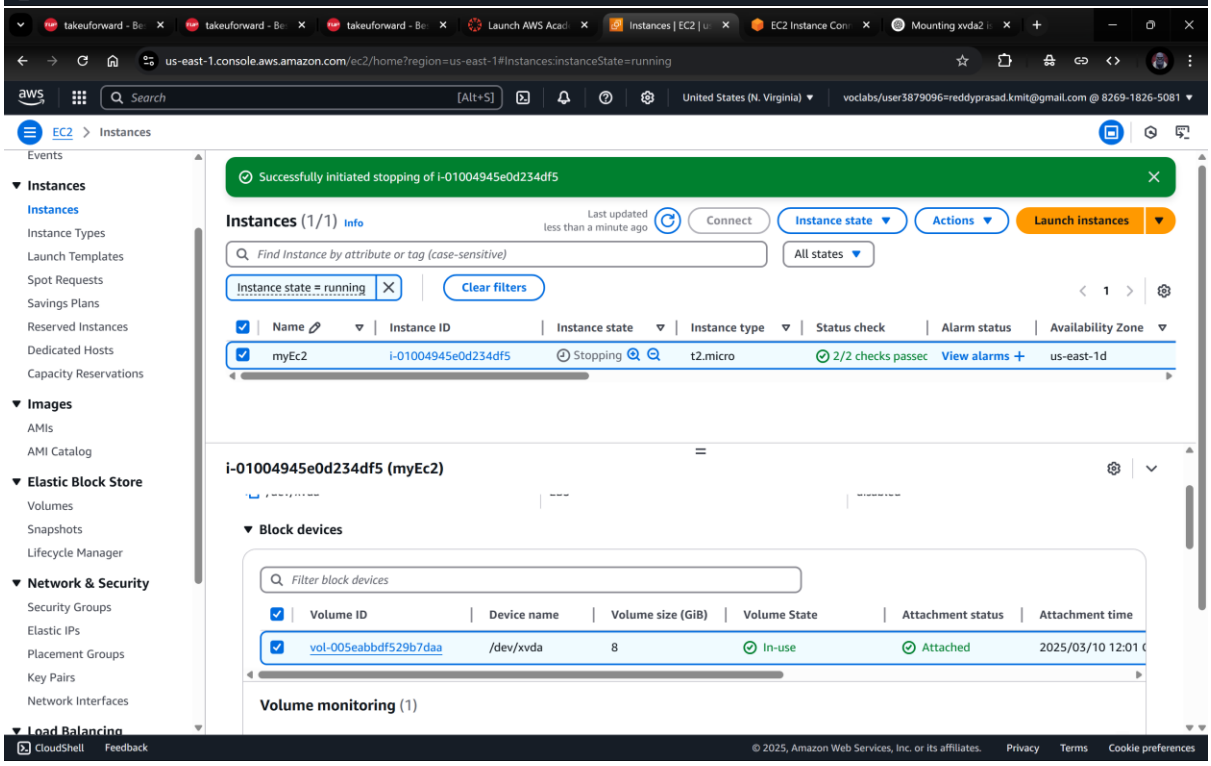
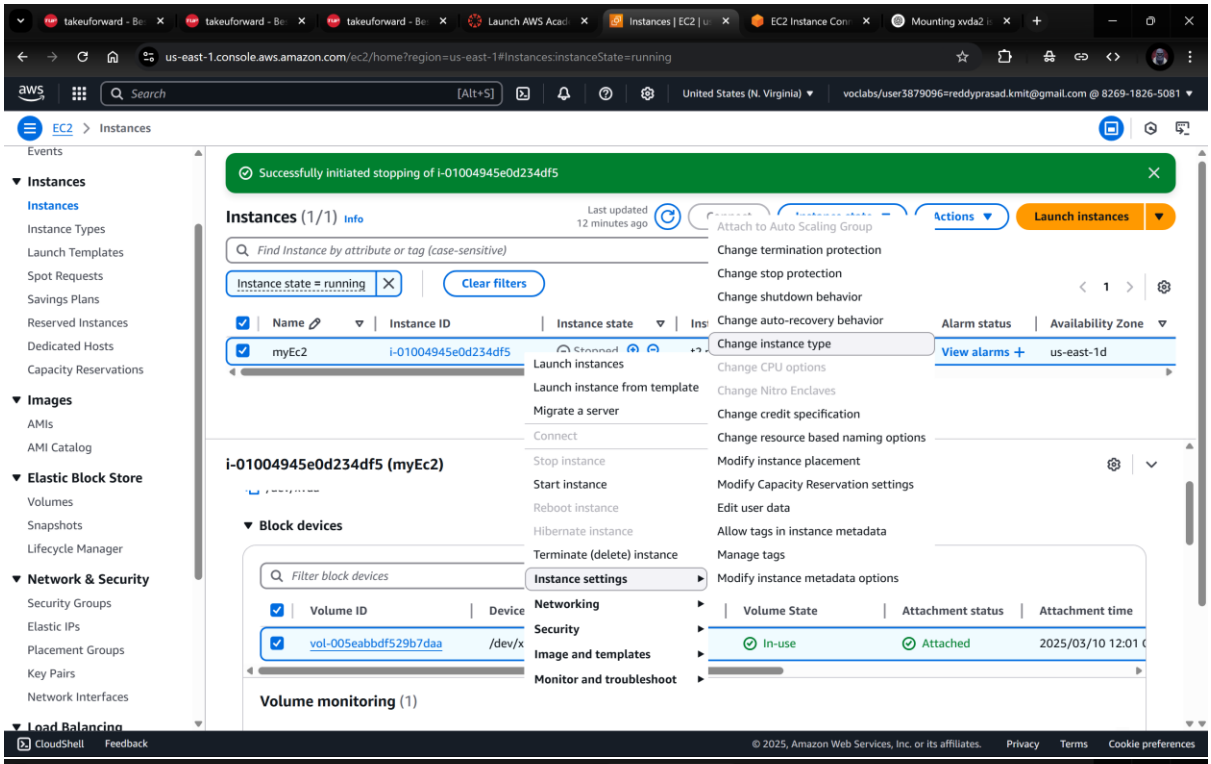
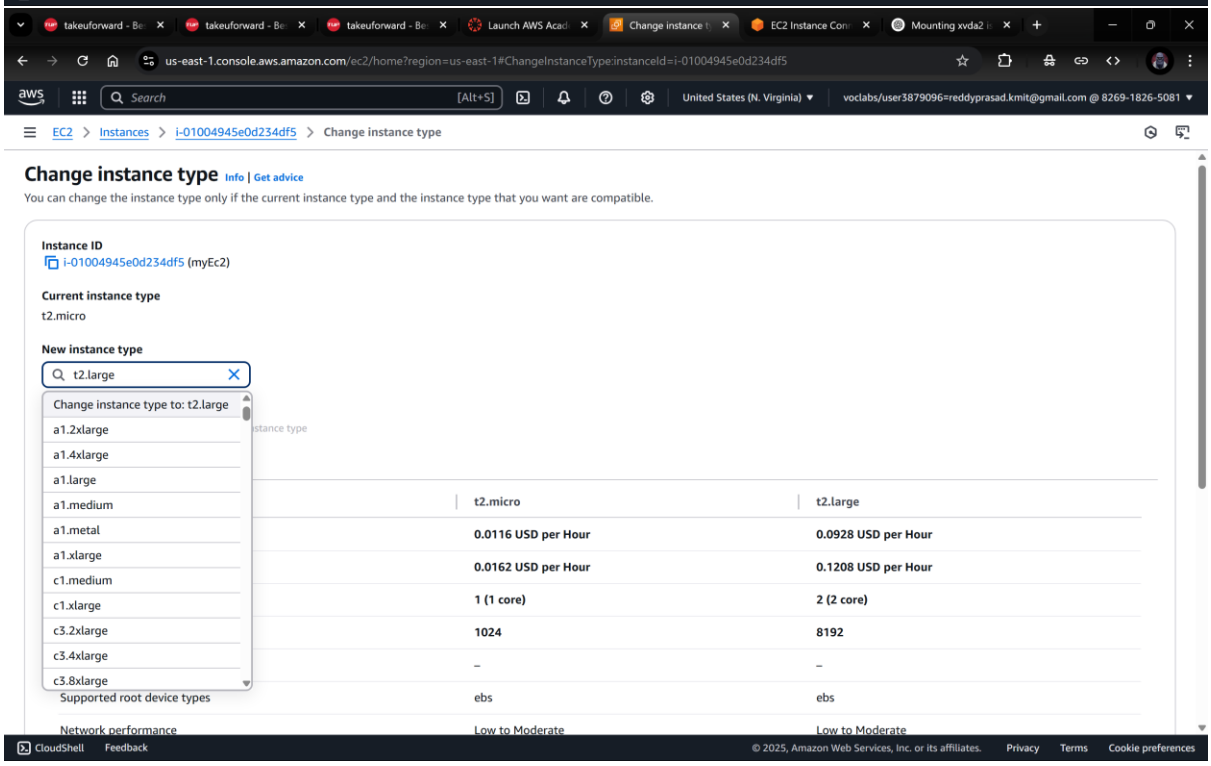

Stop instance
Stopping your instance allows you to reduce costs, modify settings, and troubleshoot problems.
Instance ID
Stop protection
i-01004945e0d234df5 (myEc2)
Off (Can stop instance)
You will be billed for associated resources
After you stop the instance, you are no longer charged usage or data transfer fees for it. However, you will still be billed for associated Elastic IP addresses and EBS volumes.
Associated resources
You will continue to incur charges for these resources while the instance is stopped
Cancel
Stop

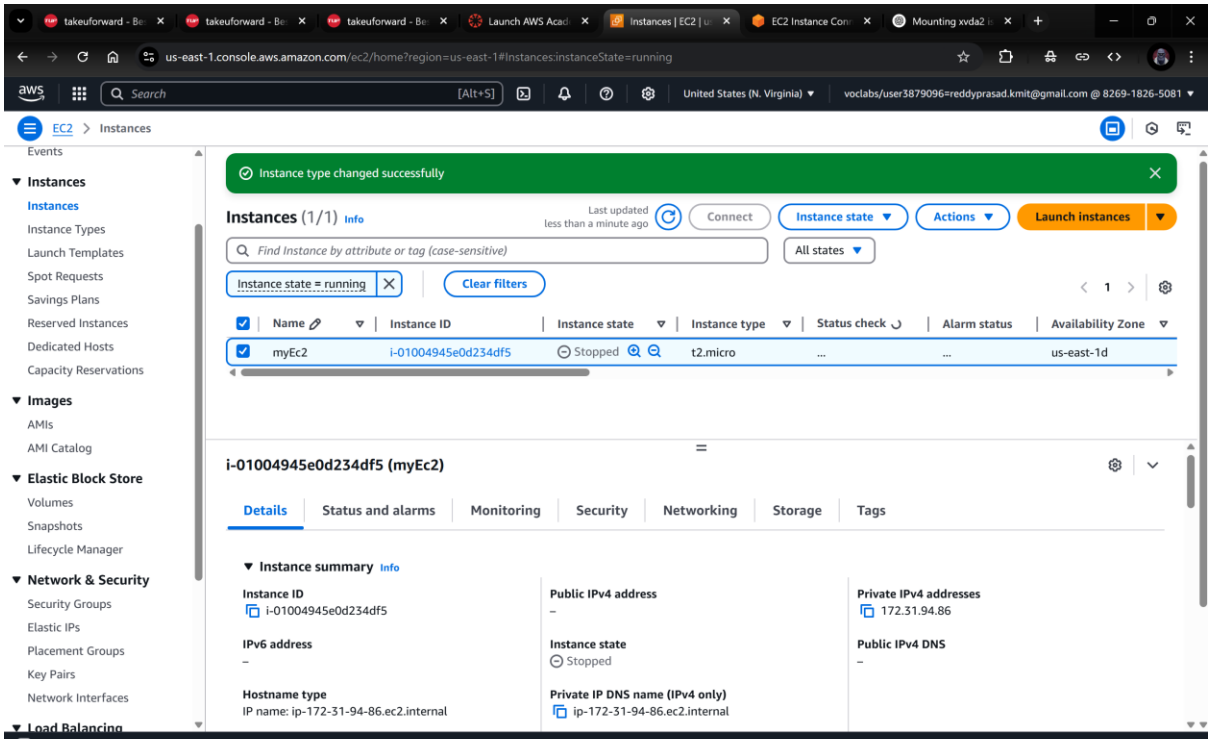

Successfully initiated stopping of i-01004945e0d234df5
Instances (1/1)
myEc2
i-01004945e0d234df5
Stopping
t2.micro
2/2 checks passec
View alarms
us-east-1d
i-01004945e0d234df5 (myEc2)
Block devices
vol-005eabbdf529b7daa
/dev/xvda
8
In-use
Attached
2025/03/10 12:01
Volume monitoring (1)

EBS


Successfully initiated stopping of i-01004945e0d234df5
Instances (1/1) Info
Actions
Launch instances
Instance state = running
Clear filters
Name
Instance ID
Instance state
Alarm status
Availability Zone
myEc2
i-01004945e0d234df5
View alarms
us-east-1d
Launch instances
Launch instance from template
Migrate a server
Connect
Stop instance
Start instance
Reboot instance
Hibernate instance
Terminate (delete) instance
Instance settings
Networking
Security
Image and templates
Monitor and troubleshoot
Attach to Auto Scaling Group
Change termination protection
Change stop protection
Change shutdown behavior
Change auto-recovery behavior
Change instance type
Change CPU options
Change Nitro Enclaves
Change credit specification
Change resource based naming options
Modify instance placement
Modify Capacity Reservation settings
Edit user data
Allow tags in instance metadata
Manage tags
Modify instance metadata options
i-01004945e0d234df5 (myEc2)
Block devices
Volume ID
Volume State
Attachment status
Attachment time
vol-005eabbdf529b7daa
In-use
Attached
Volume monitoring (1)


EC2 > Instances > i-01004945e0d234df5 > Change instance type
Change instance type
Info | Get advice
You can change the instance type only if the current instance type and the instance type that you want are compatible.
Instance ID
i-01004945e0d234df5 (myEc2)
Current instance type
t2.micro
New instance type
t2.large
Change instance type to: t2.large
a1.2xlarge
a1.4xlarge
a1.large
a1.medium
a1.metal
a1.xlarge
c1.medium
c1.xlarge
c3.2xlarge
c3.4xlarge
c3.8xlarge
t2.micro
t2.large
0.0116 USD per Hour
0.0928 USD per Hour
0.0162 USD per Hour
0.1208 USD per Hour
1 (1 core)
2 (2 core)
1024
8192
ebs
ebs
Low to Moderate
Low to Moderate

EBS


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running
EC2 > Instances
Instance type changed successfully
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
myEc2
i-01004945e0d234df5
Stopped
t2.micro
us-east-1d
i-01004945e0d234df5 (myEc2)
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-01004945e0d234df5
Public IPv4 address
Private IPv4 addresses
172.31.94.86
IPv6 address
Instance state
Stopped
Public IPv4 DNS
Hostname type
IP name: ip-172-31-94-86.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-94-86.ec2.internal
Events
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
CloudShell
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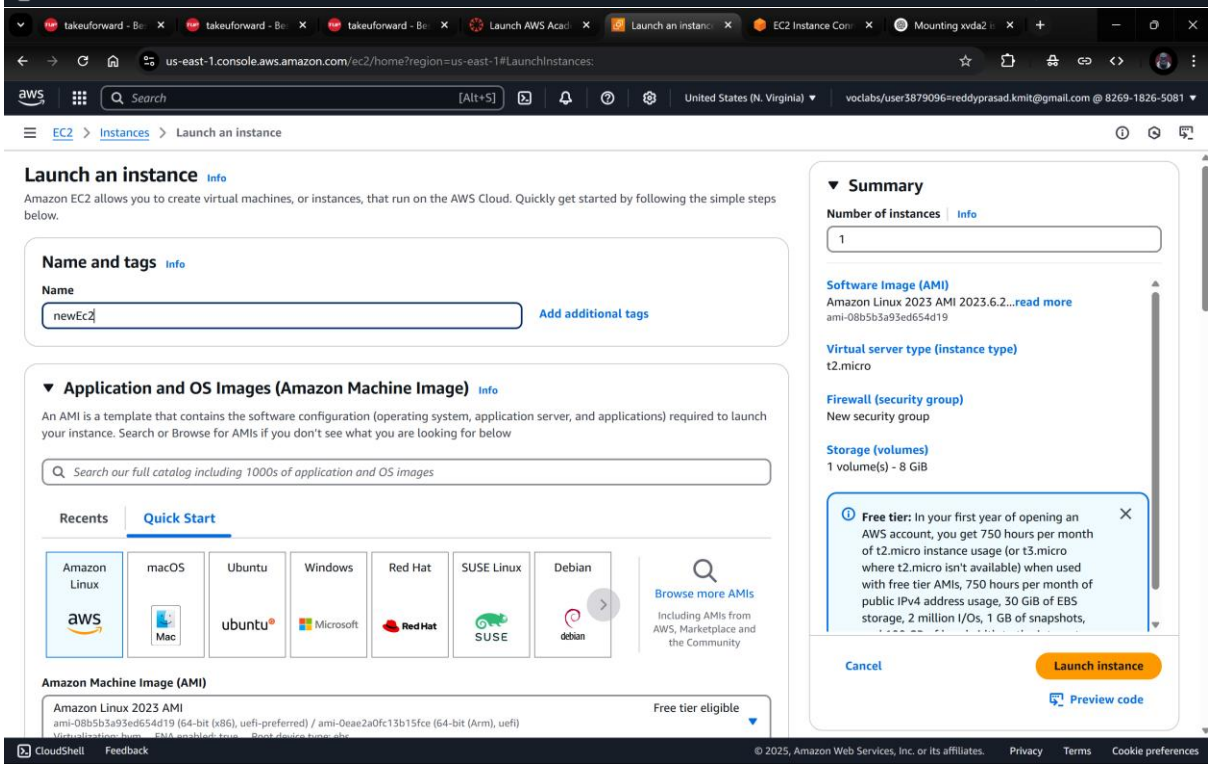
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
newEc2
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
Recents
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
SUSE Linux
Debian
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Amazon Linux 2023 AMI
Free tier eligible
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-08b5b3a93ed654d19
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots,
Cancel
Launch instance
Preview code
CloudShell
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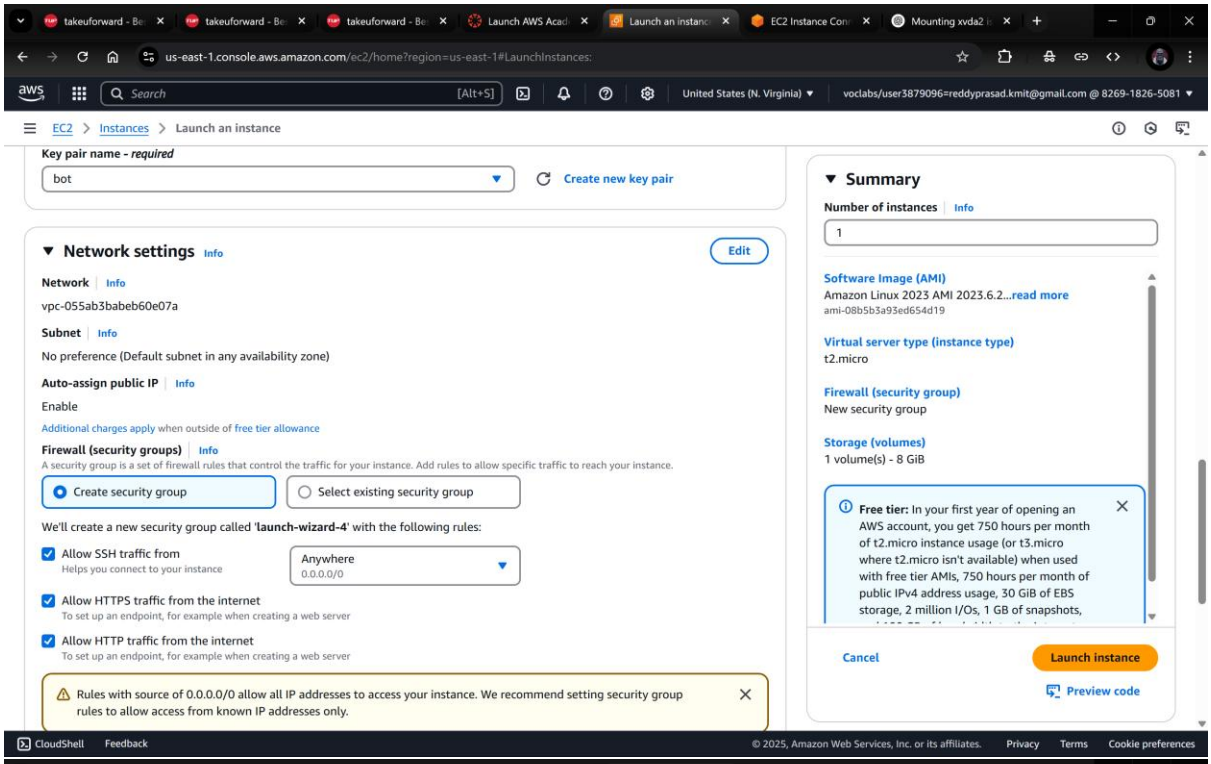
EBS


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
EC2 > Instances > Launch an instance
Key pair name - required
bot
Create new key pair
Network settings Info
Edit
Network Info
vpc-055ab3babeb60e07a
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 reach your instance.
Create security group
Select existing security group
We'll create a new security group called 'launch-wizard-4' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
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
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-08b5b3a93ed654d19
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots,
Cancel
Launch instance
Preview code
CloudShell
Feedback
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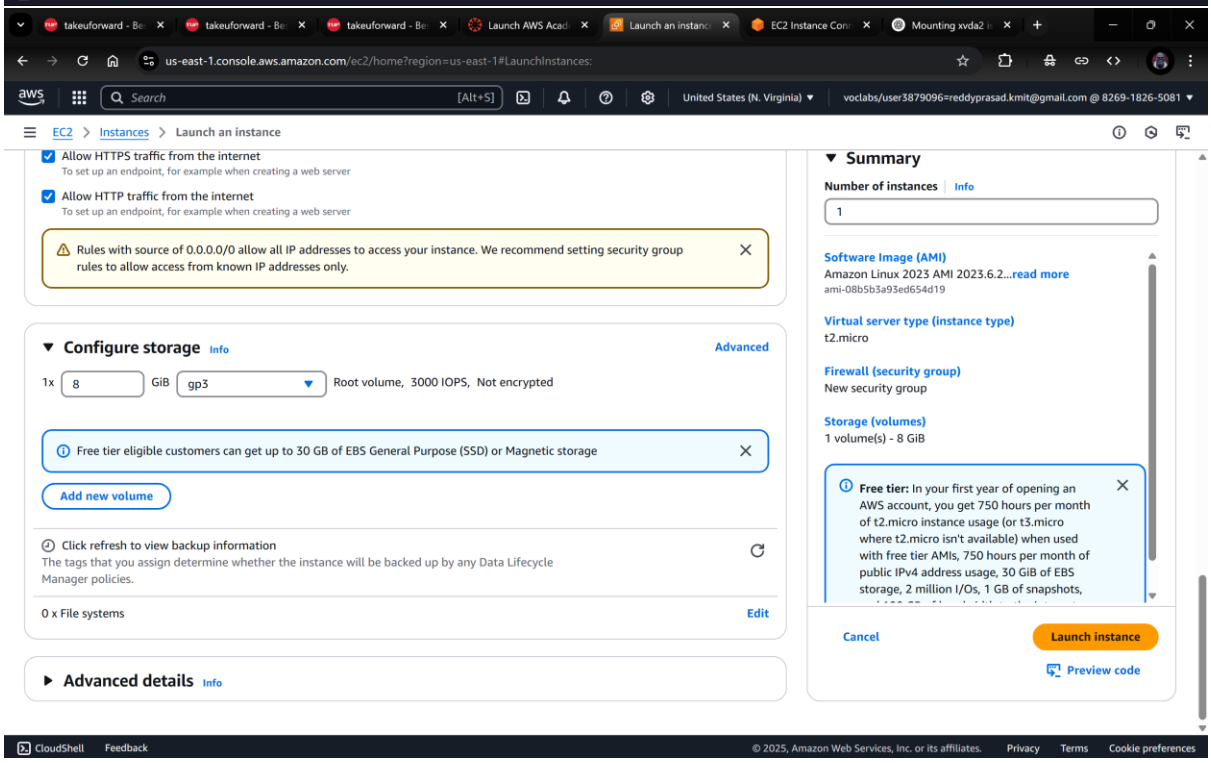
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
EC2 > Instances > Launch an instance
Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Configure storage Info
Advanced
1x
8
GiB
gp3
Root volume, 3000 IOPS, Not encrypted
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.
0 x File systems
Edit
Advanced details Info
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.6.2...read more
ami-08b5b3a93ed654d19
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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Launch instance
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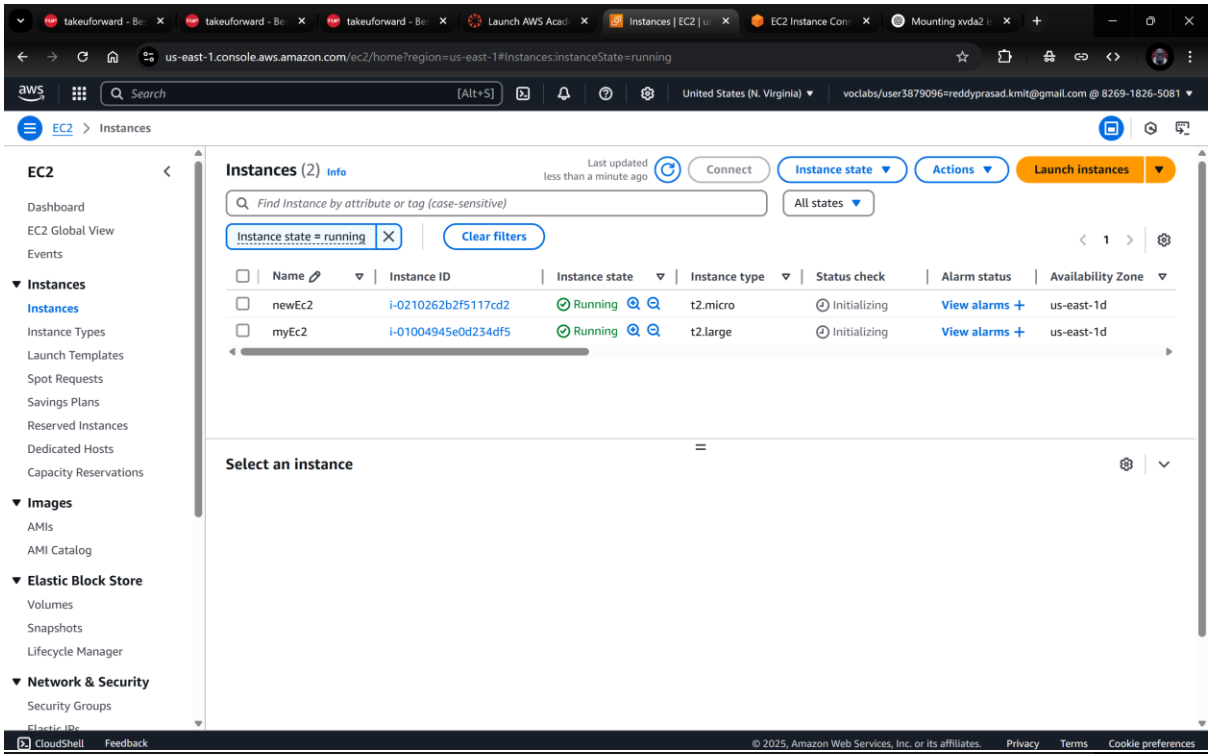
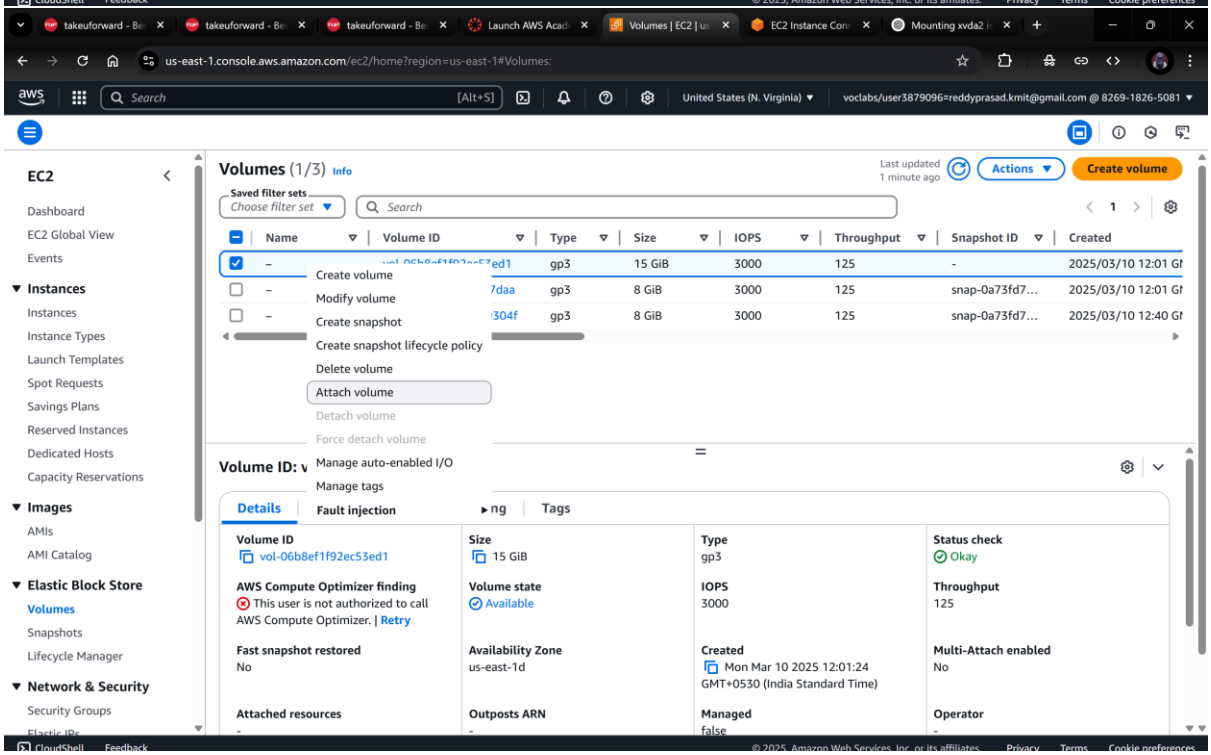
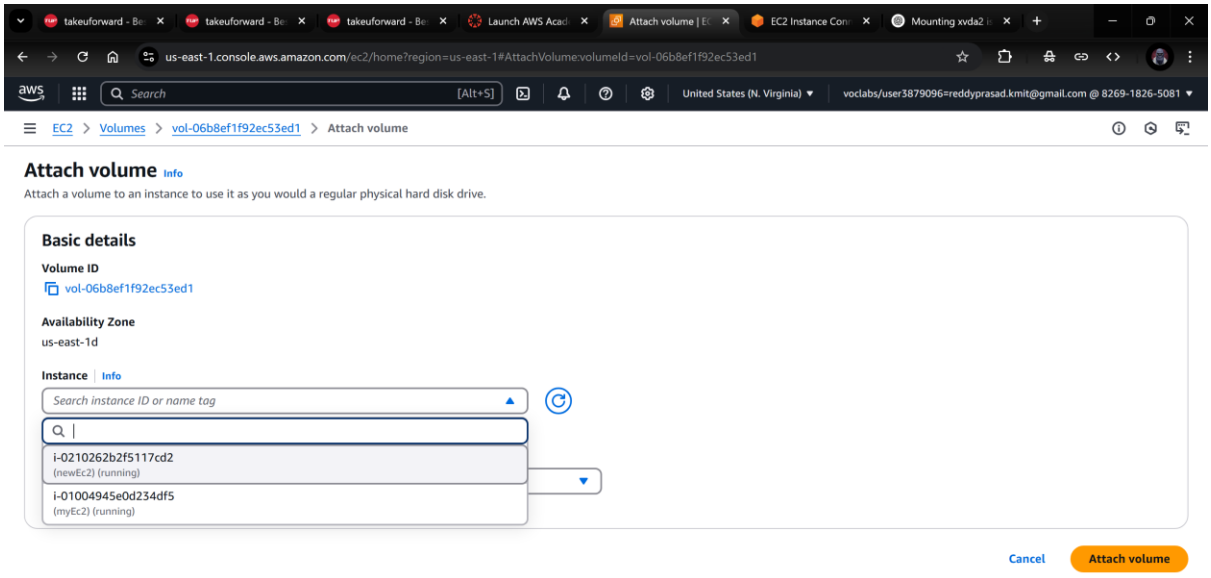
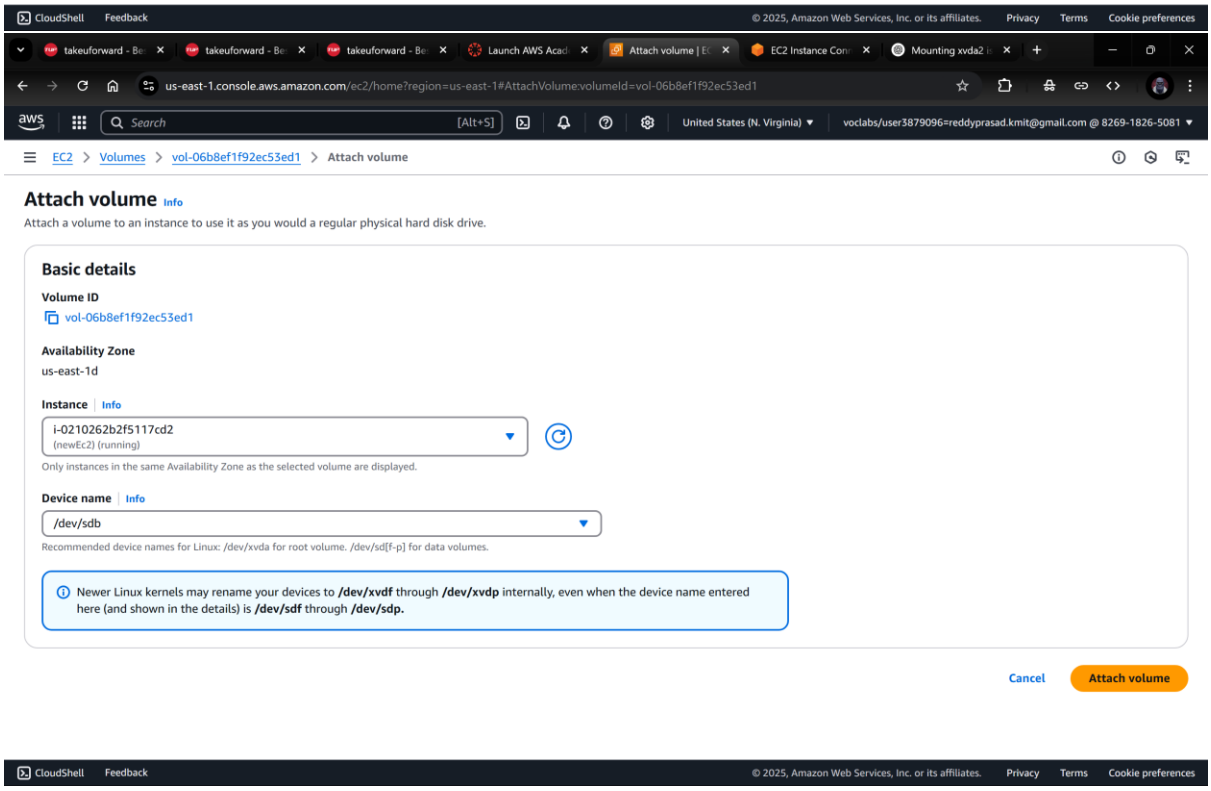

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:instanceState=running
EC2 > Instances
Instances (2) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Instance state = running
Clear filters
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
newEc2
i-0210262b2f5117cd2
Running
t2.micro
Initializing
View alarms
us-east-1d
myEc2
i-01004945e0d234df5
Running
t2.large
Initializing
View alarms
us-east-1d
Select an instance
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:
Volumes (1/3) Info
Last updated 1 minute ago
Actions
Create volume
Saved filter sets
Choose filter set
Search
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot ID
Created
gp3
15 GiB
3000
125
2025/03/10 12:01 GI
gp3
8 GiB
3000
125
snap-0a73fd7...
2025/03/10 12:01 GI
gp3
8 GiB
3000
125
snap-0a73fd7...
2025/03/10 12:40 GI
Create volume
Modify volume
Create snapshot
Create snapshot lifecycle policy
Delete volume
Attach volume
Detach volume
Force detach volume
Manage auto-enabled I/O
Manage tags
Details
Fault injection
Tags
Volume ID
vol-06b8ef1f92ec53ed1
Size
15 GiB
Type
gp3
Status check
Okay
AWS Compute Optimizer finding
This user is not authorized to call AWS Compute Optimizer. | Retry
Volume state
Available
IOPS
3000
Throughput
125
Fast snapshot restored
No
Availability Zone
us-east-1d
Created
Mon Mar 10 2025 12:01:24 GMT+0530 (India Standard Time)
Multi-Attach enabled
No
Attached resources
Outposts ARN
Managed
false
Operator

EBS


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AttachVolume:volumeId=vol-06b8ef1f92ec53ed1
Search
[Alt+S]
United States (N. Virginia)
EC2 > Volumes > vol-06b8ef1f92ec53ed1 > Attach volume
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-06b8ef1f92ec53ed1
Availability Zone
us-east-1d
Instance Info
Search instance ID or name tag
i-0210262b2f5117cd2
(newEc2) (running)
i-01004945e0d234df5
(myEc2) (running)
Cancel
Attach volume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us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#AttachVolume:volumeId=vol-06b8ef1f92ec53ed1
Search
[Alt+S]
United States (N. Virginia)
EC2 > Volumes > vol-06b8ef1f92ec53ed1 > Attach volume
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-06b8ef1f92ec53ed1
Availability Zone
us-east-1d
Instance Info
i-0210262b2f5117cd2
(newEc2) (running)
Only instances in the same Availability Zone as the selected volume are displayed.
Device name Info
/dev/sdb
Recommended device names for Linux: /dev/xvda for root volume. /dev/sd[f-p] for data volumes.
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.
Cancel
Attach volume
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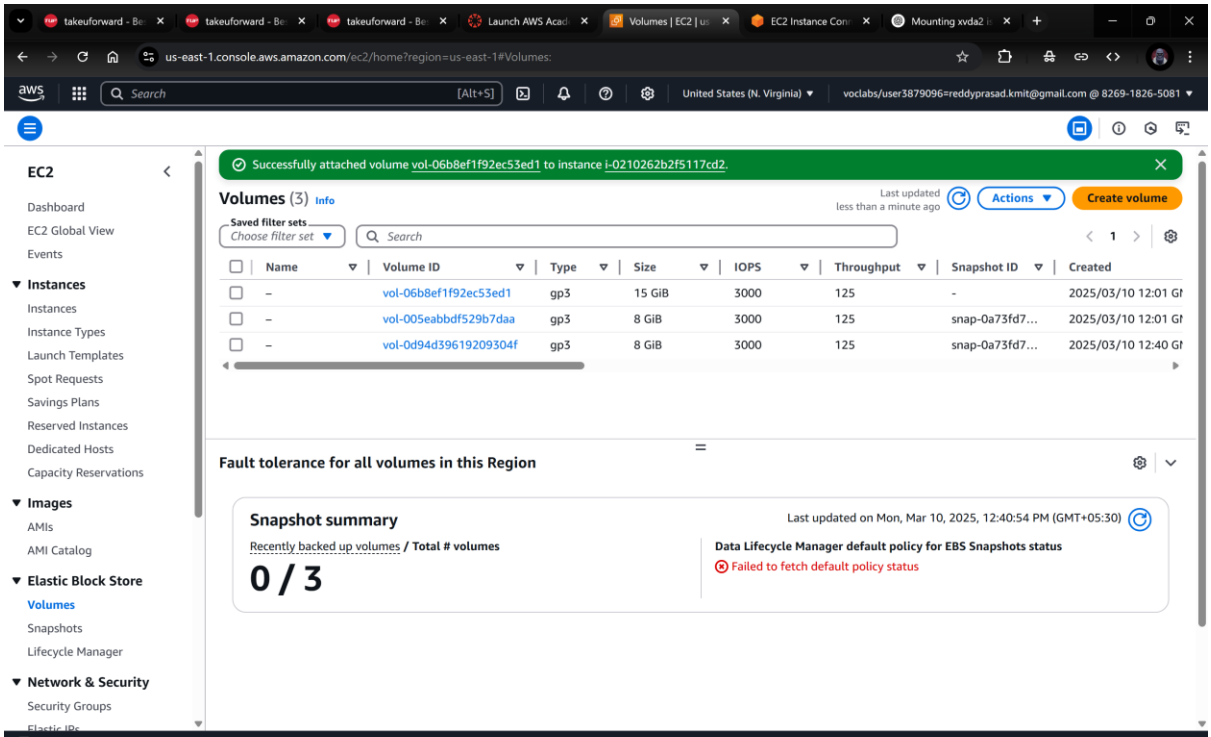
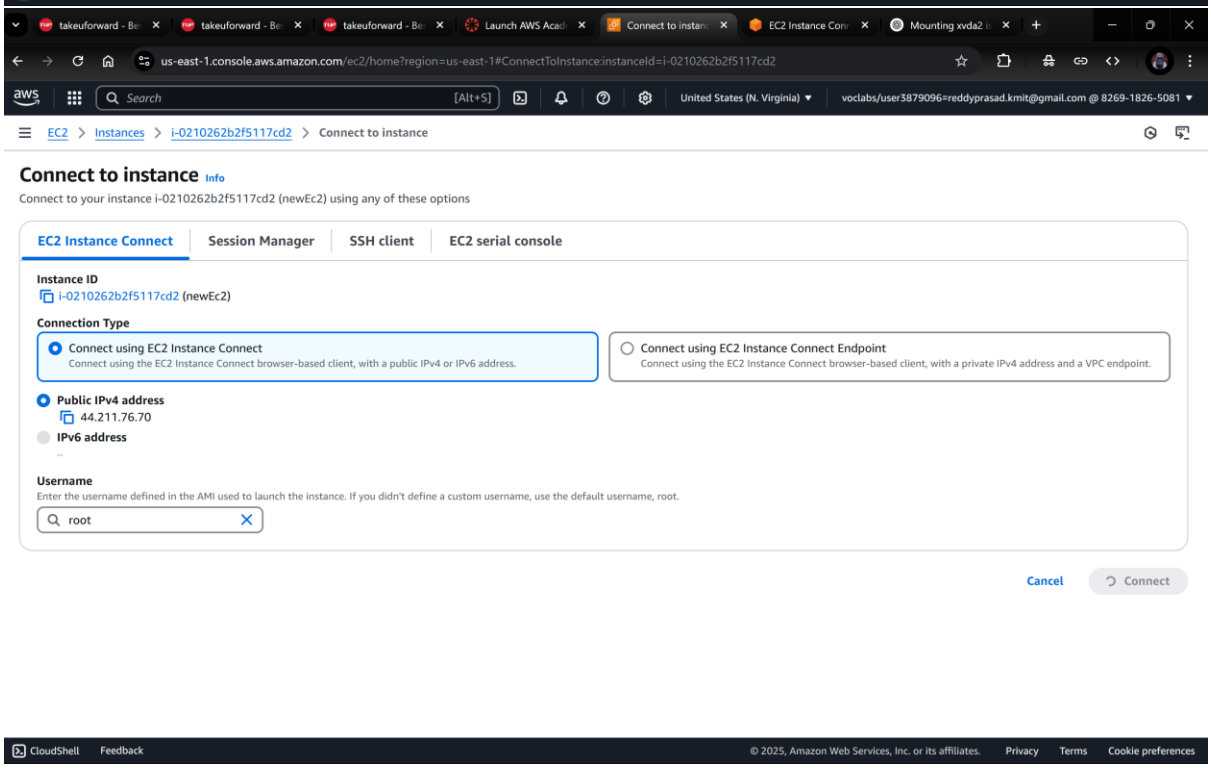
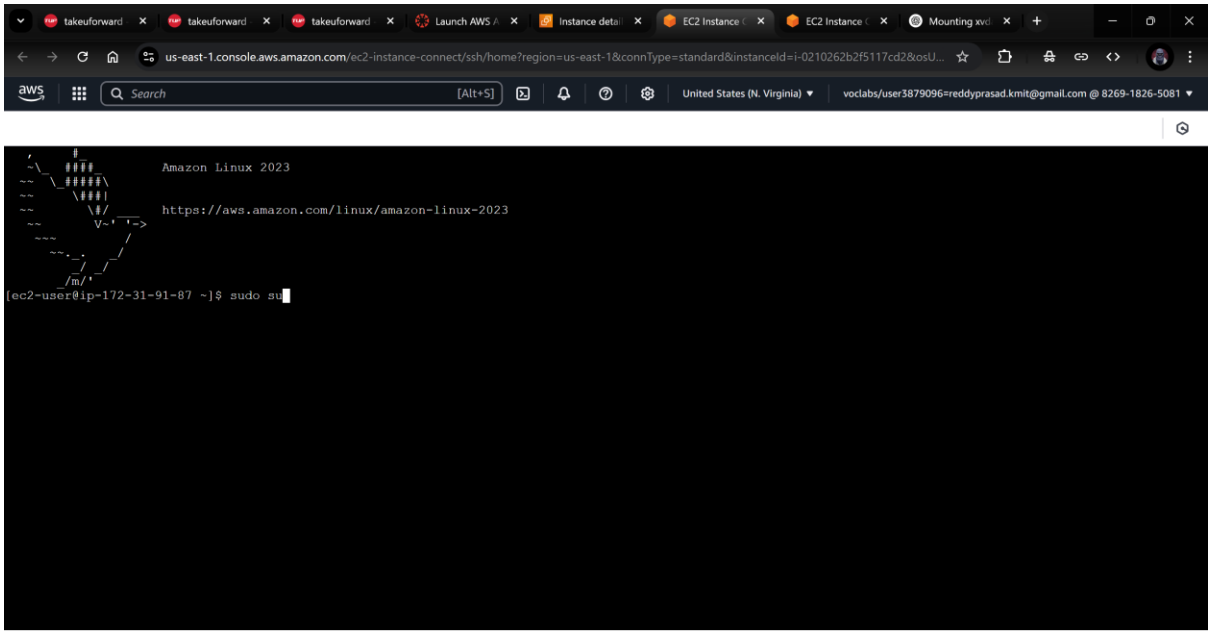
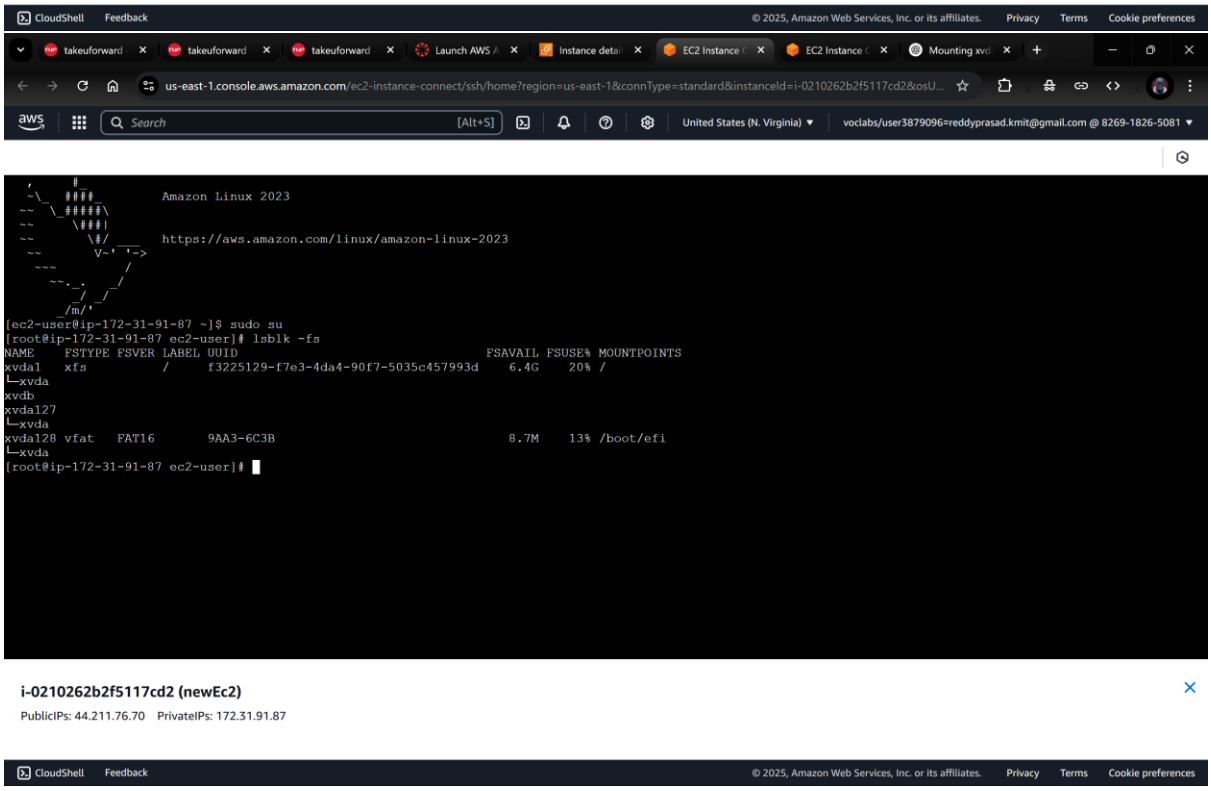

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:
Successfully attached volume vol-06b8ef1f92ec53ed1 to instance i-0210262b2f5117cd2.
Volumes (3) Info
Actions
Create volume
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot ID
Created
vol-06b8ef1f92ec53ed1 gp3 15 GiB 3000 125 - 2025/03/10 12:01 GI
vol-005eabbdf529b7daa gp3 8 GiB 3000 125 snap-0a73fd7... 2025/03/10 12:01 GI
vol-0d94d39619209304f gp3 8 GiB 3000 125 snap-0a73fd7... 2025/03/10 12:40 GI
Fault tolerance for all volumes in this Region
Snapshot summary
Last updated on Mon, Mar 10, 2025, 12:40:54 PM (GMT+05:30)
Recently backed up volumes / Total # volumes
0 / 3
Data Lifecycle Manager default policy for EBS Snapshots status
Failed to fetch default policy status


us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-0210262b2f5117cd2
EC2 > Instances > i-0210262b2f5117cd2 > Connect to instance
Connect to instance Info
Connect to your instance i-0210262b2f5117cd2 (newEc2) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-0210262b2f5117cd2 (newEc2)
Connection Type
Connect using EC2 Instance Connect
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 or IPv6 address.
Connect using EC2 Instance Connect Endpoint
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.
Public IPv4 address
44.211.76.70
IPv6 address
Username
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, root.
root
Cancel
Connect

EBS


takeuforward
takeuforward
takeuforward
Launch AWS
Instance detai
EC2 Instance
EC2 Instance
Mounting xvd
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0210262b2f5117cd2&osU...
aws
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-91-87 ~]$ sudo su
i-0210262b2f5117cd2 (newEc2)
PublicIPs: 44.211.76.70 PrivateIPs: 172.31.91.87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takeuforward
takeuforward
takeuforward
Launch AWS
Instance detai
EC2 Instance
EC2 Instance
Mounting xvd
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0210262b2f5117cd2&osU...
aws
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-91-87 ~]$ sudo su
[root@ip-172-31-91-87 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-91-87 ec2-user]#
i-0210262b2f5117cd2 (newEc2)
PublicIPs: 44.211.76.70 PrivateIPs: 172.31.91.87
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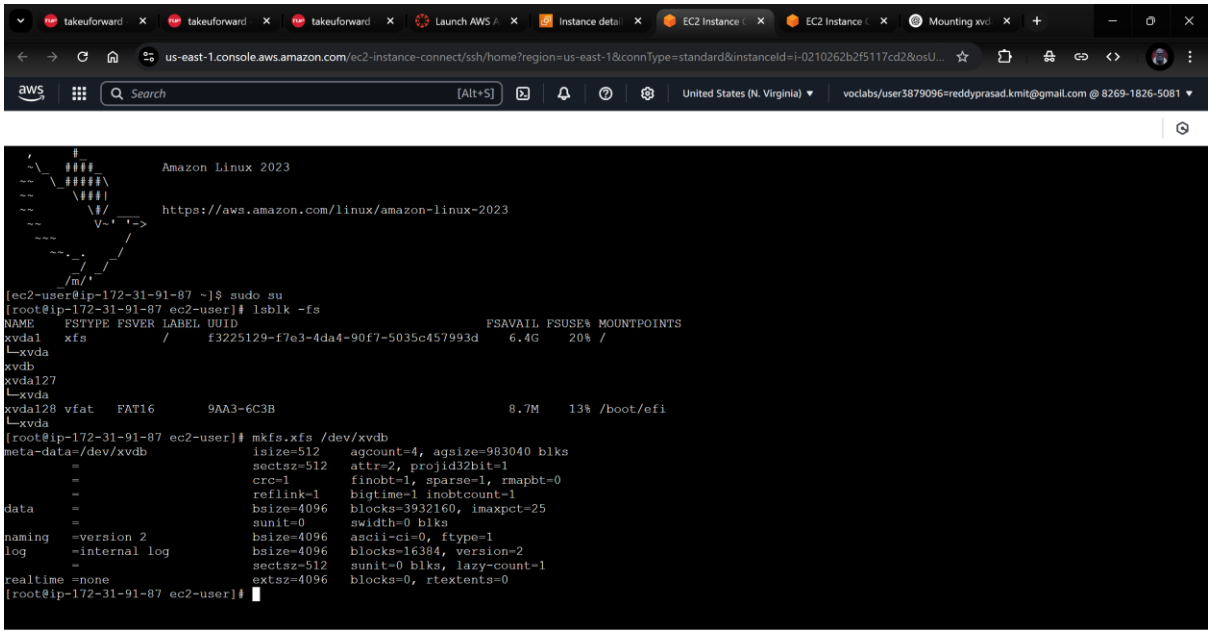
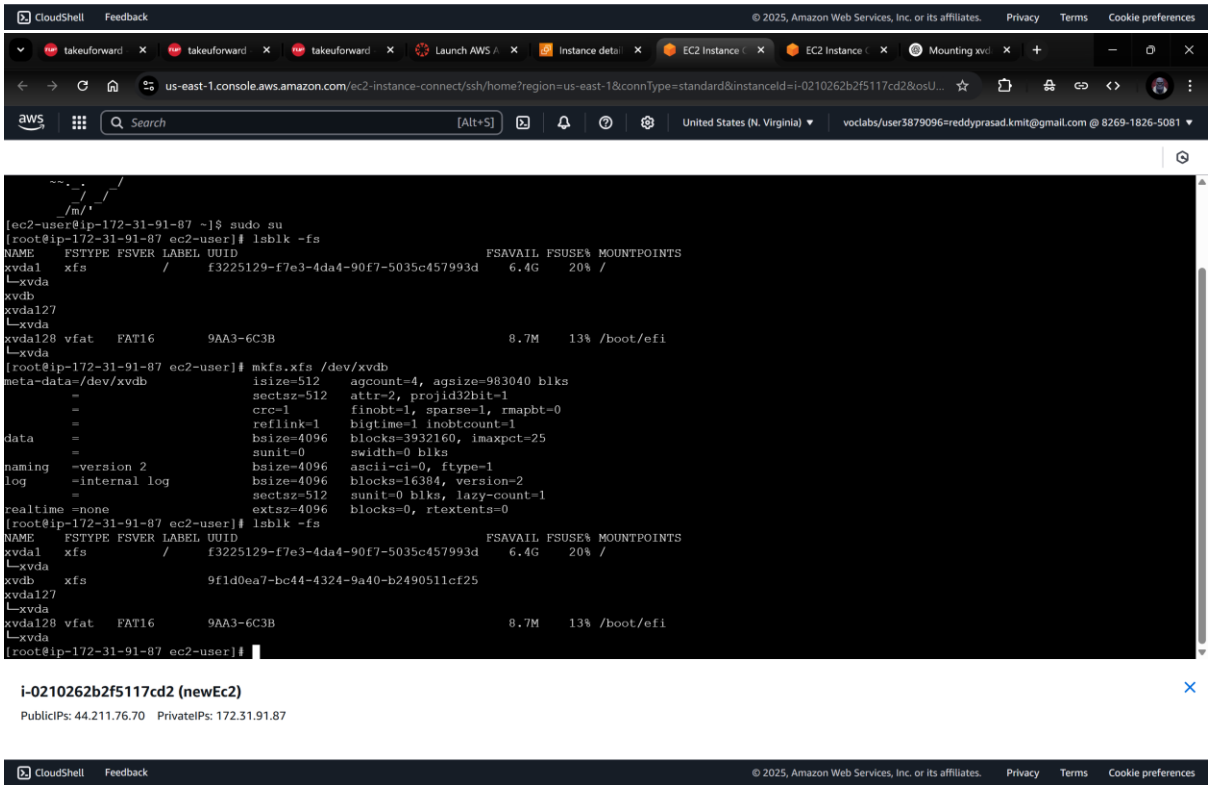

takeuforward
Launch AWS
Instance detail
EC2 Instance
Mounting xvd
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=us-east-1&connType=standard&instanceId=i-0210262b2f5117cd2&osU...
Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-91-87 ~]$ sudo su
[root@ip-172-31-91-87 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-91-87 ec2-user]# mkfs.xfs /dev/xvdb
meta-data=/dev/xvdb isize=512 agcount=4, agsize=983040 blks
= sectsz=512 attr=2, projid32bit=1
= crc=1 finobt=1, sparse=1, rmapbt=0
= reflink=1 bigtime=1 inobtcount=1
data = bsize=4096 blocks=3932160, imaxpct=25
= sunit=0 swidth=0 blks
naming =version 2 bsize=4096 ascii-ci=0, ftype=1
log =internal log bsize=4096 blocks=16384, version=2
= sectsz=512 sunit=0 blks, lazy-count=1
realtime =none extsz=4096 blocks=0, rtextents=0
[root@ip-172-31-91-87 ec2-user]#
i-0210262b2f5117cd2 (newEc2)
PublicIPs: 44.211.76.70 PrivateIPs: 172.31.91.87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Search
[Alt+S]
United States (N. Virginia)
voclabs/user3879096=reddyprasad.kmit@gmail.com @ 8269-1826-5081
[ec2-user@ip-172-31-91-87 ~]$ sudo su
[root@ip-172-31-91-87 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvdb
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-91-87 ec2-user]# mkfs.xfs /dev/xvdb
meta-data=/dev/xvdb isize=512 agcount=4, agsize=983040 blks
= sectsz=512 attr=2, projid32bit=1
= crc=1 finobt=1, sparse=1, rmapbt=0
= reflink=1 bigtime=1 inobtcount=1
data = bsize=4096 blocks=3932160, imaxpct=25
= sunit=0 swidth=0 blks
naming =version 2 bsize=4096 ascii-ci=0, ftype=1
log =internal log bsize=4096 blocks=16384, version=2
= sectsz=512 sunit=0 blks, lazy-count=1
realtime =none extsz=4096 blocks=0, rtextents=0
[root@ip-172-31-91-87 ec2-user]# lsblk -fs
NAME FSTYPE FSVER LABEL UUID FSAVAIL FSUSE% MOUNTPOINTS
xvda1 xfs / f3225129-f7e3-4da4-90f7-5035c457993d 6.4G 20% /
└─xvda
xvdb xfs 9f1d0ea7-bc44-4324-9a40-b2490511cf25
xvda127
└─xvda
xvda128 vfat FAT16 9AA3-6C3B 8.7M 13% /boot/efi
└─xvda
[root@ip-172-31-91-87 ec2-user]#
i-0210262b2f5117cd2 (newEc2)
PublicIPs: 44.211.76.70 PrivateIPs: 172.31.91.87
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