Virtual Systems and Services

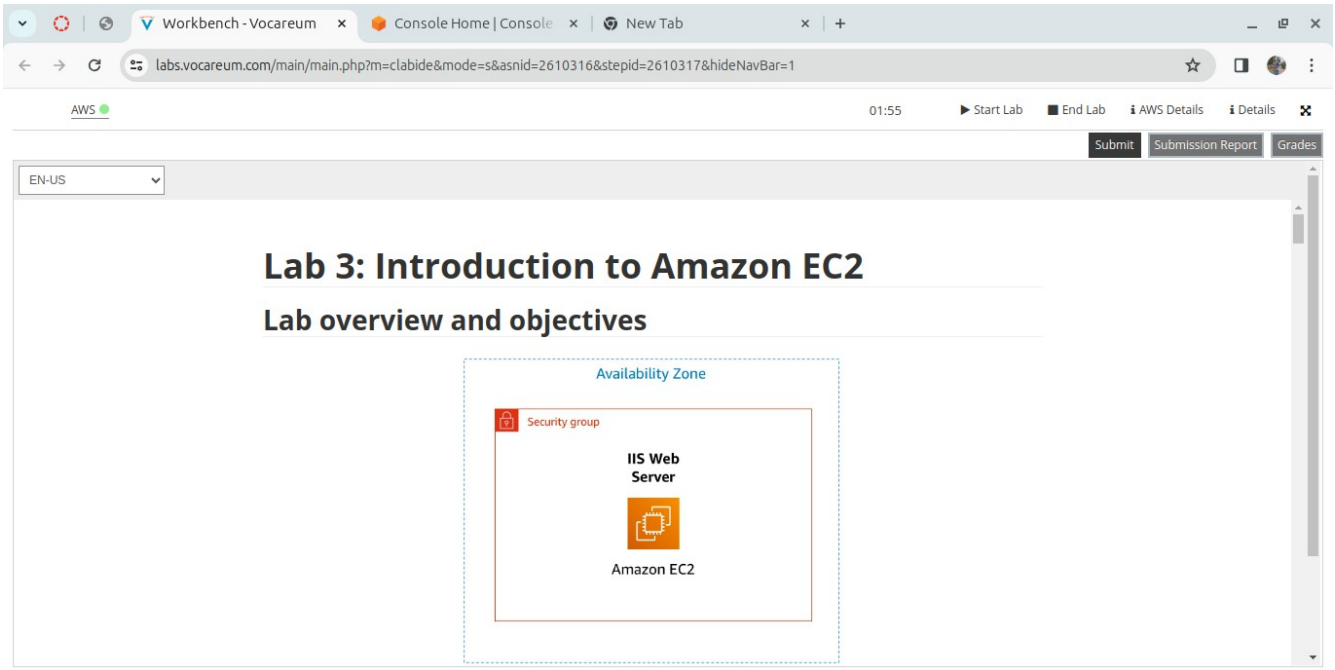
Introduction to Amazon EC2

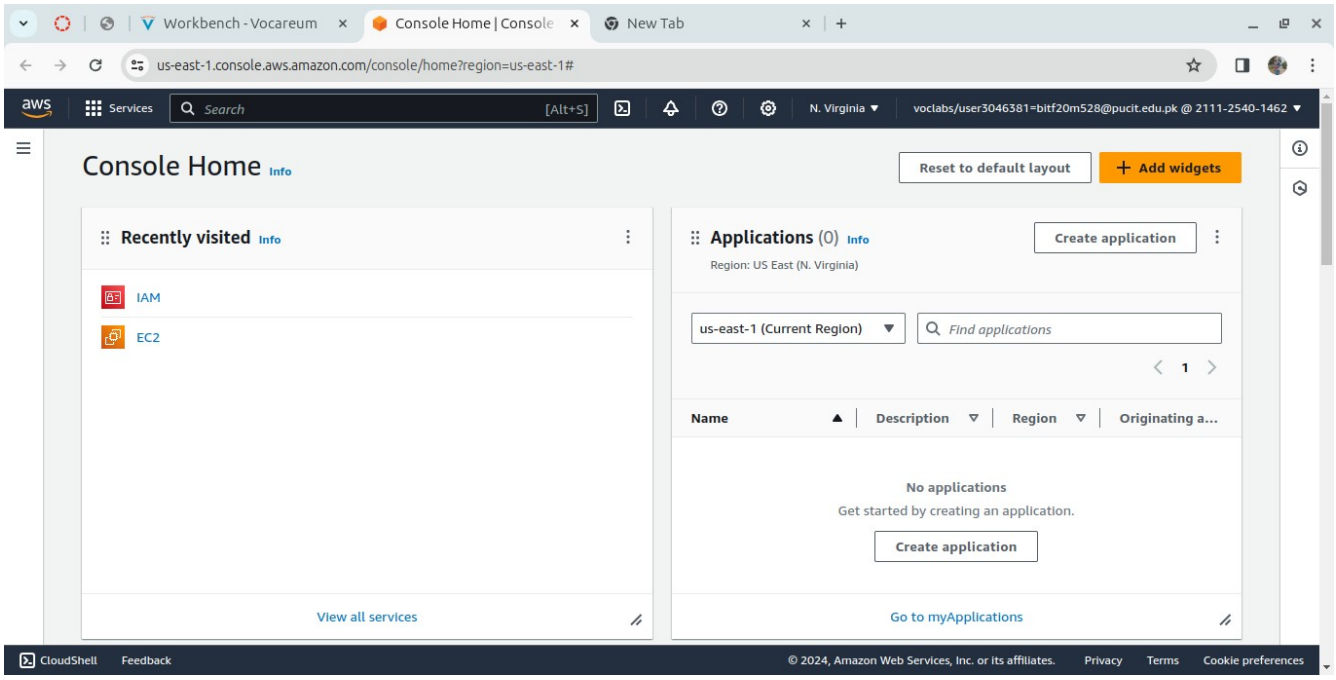
LAB # 03

Name : Usama Basharat

Roll no : BITF20M528

LAB 03


Workbench - Vocareum
Console Home | Console
New Tab
labs.vocareum.com/main/main.php?m=clabide&mode=s&asnid=2610316&stepid=2610317&hideNavBar=1
AWS
01:55
Start Lab
End Lab
AWS Details
Details
Submit
Submission Report
Grades
EN-US
Lab 3: Introduction to Amazon EC2
Lab overview and objectives
Availability Zone
Security group
IIS Web Server
Amazon EC2


Workbench - Vocareum
Console Home | Console
New Tab
us-east-1.console.aws.amazon.com/console/home?region=us-east-1#
aws
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
Console Home Info
Reset to default layout
Add widgets
Recently visited Info
IAM
EC2
View all services
Applications (0) Info
Region: US East (N. Virginia)
Create application
us-east-1 (Current Region)
Find applications
1
Name
Description
Region
Originating a...
No applications
Get started by creating an application.
Create application
Go to myApplications
CloudShell
Feedback
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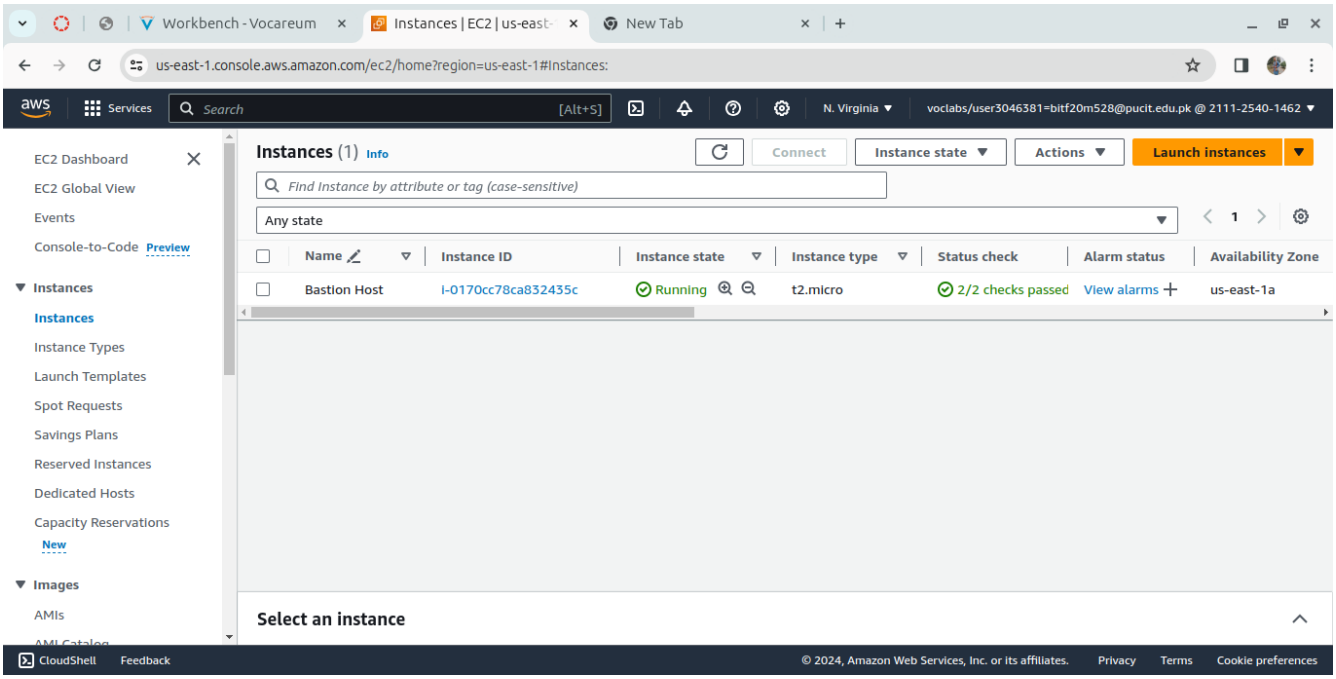
Terms
Cookie preferences


Workbench - Vocareum
Instances | EC2 | us-east-
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New
Images
AMIs
Instances (1) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Select an instance
CloudShell
Feedback
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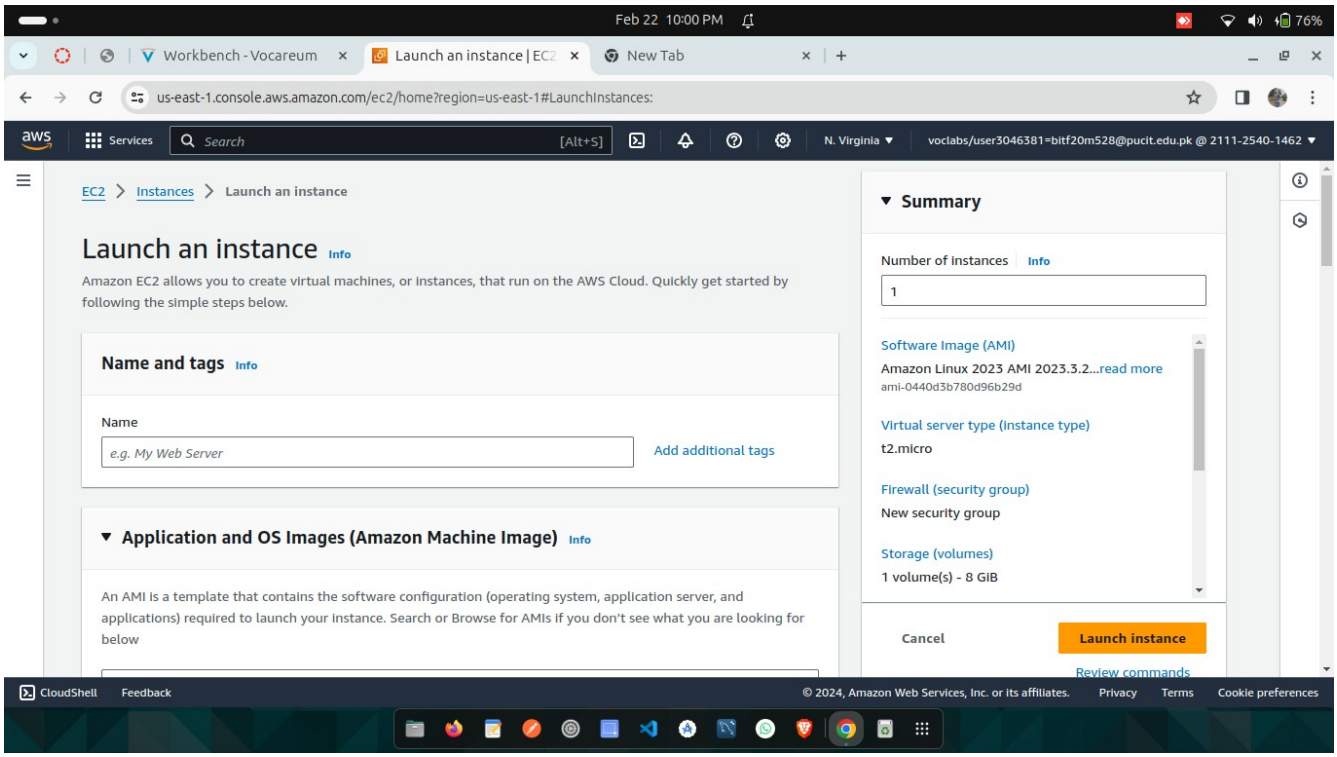
Feb 22 10:00 PM
76%
Workbench - Vocareum
Launch an instance | EC2
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Instances > Launch an instance
Launch an instance 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
e.g. My Web Server
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
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.3.2...read more
ami-0440d3b780d96b29d
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
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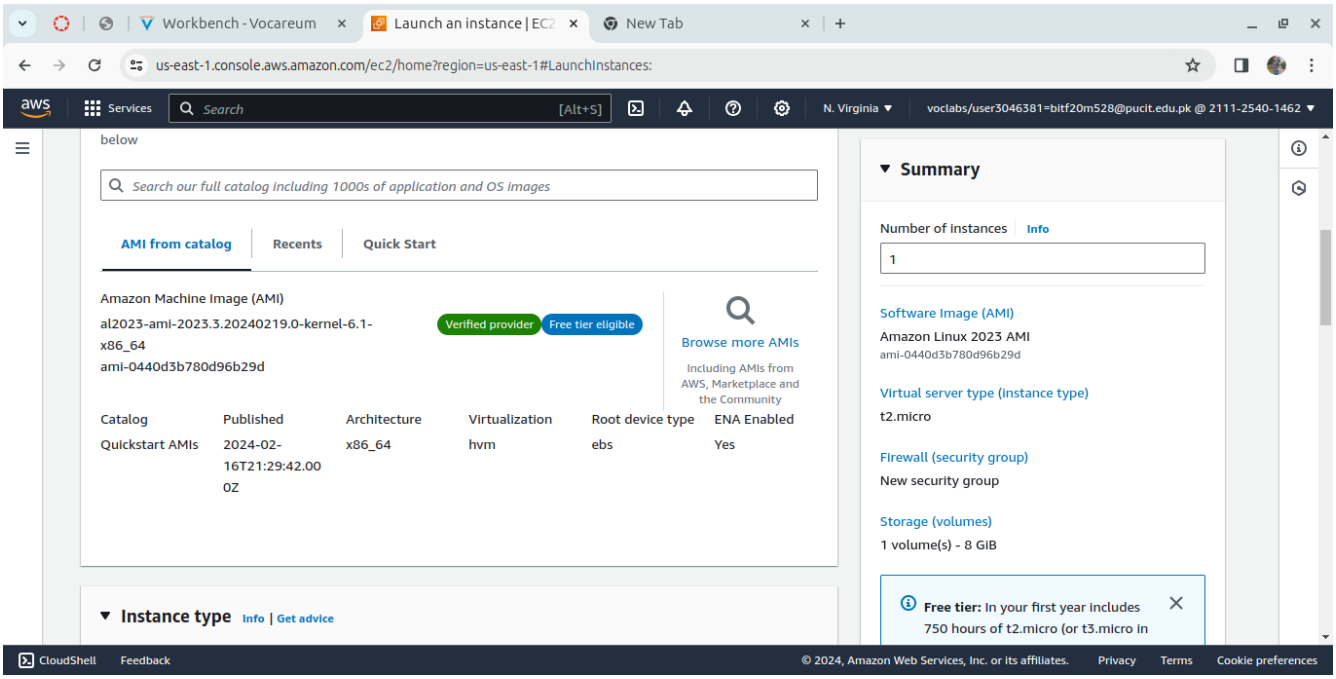
Cookie preferences


Workbench - Vocareum
Launch an instance | EC2
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
below
Search our full catalog including 1000s of application and OS images
AMI from catalog
Recents
Quick Start
Amazon Machine Image (AMI)
al2023-ami-2023.3.20240219.0-kernel-6.1-x86_64
ami-0440d3b780d96b29d
Verified provider
Free tier eligible
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Catalog
Published
Architecture
Virtualization
Root device type
ENA Enabled
Quickstart AMIs
2024-02-16T21:29:42.000Z
x86_64
hvm
ebs
Yes
Instance type
Info | Get advice
Summary
Number of instances
Info
1
Software Image (AMI)
Amazon Linux 2023 AMI
ami-0440d3b780d96b29d
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 includes 750 hours of t2.micro (or t3.micro in
CloudShell
Feedback
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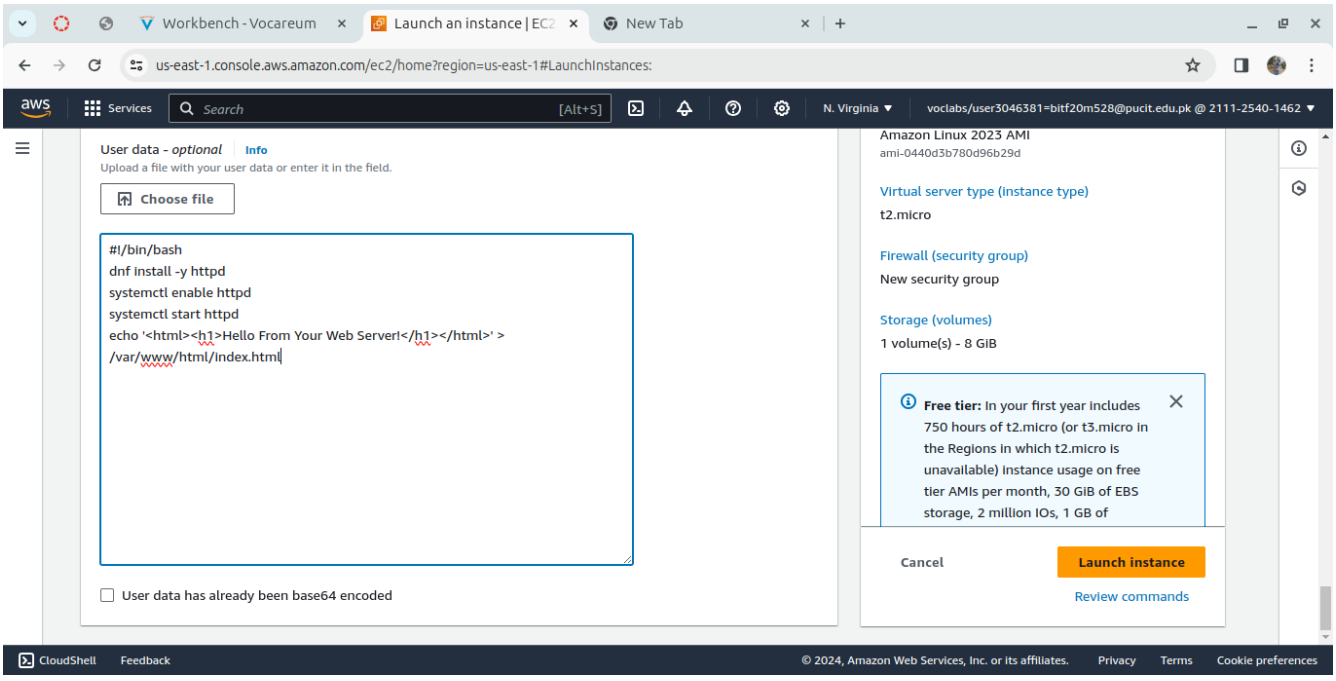
Workbench - Vocareum
Launch an instance | EC2
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
User data - optional
Info
Upload a file with your user data or enter it in the field.
Choose file
#!/bin/bash
dnf install -y httpd
systemctl enable httpd
systemctl start httpd
echo '<html><h1>Hello From Your Web Server!</h1></html>' >
/var/www/html/index.html
User data has already been base64 encoded
Amazon Linux 2023 AMI
ami-0440d3b780d96b29d
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 includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of
Cancel
Launch instance
Review commands
CloudShell
Feedback
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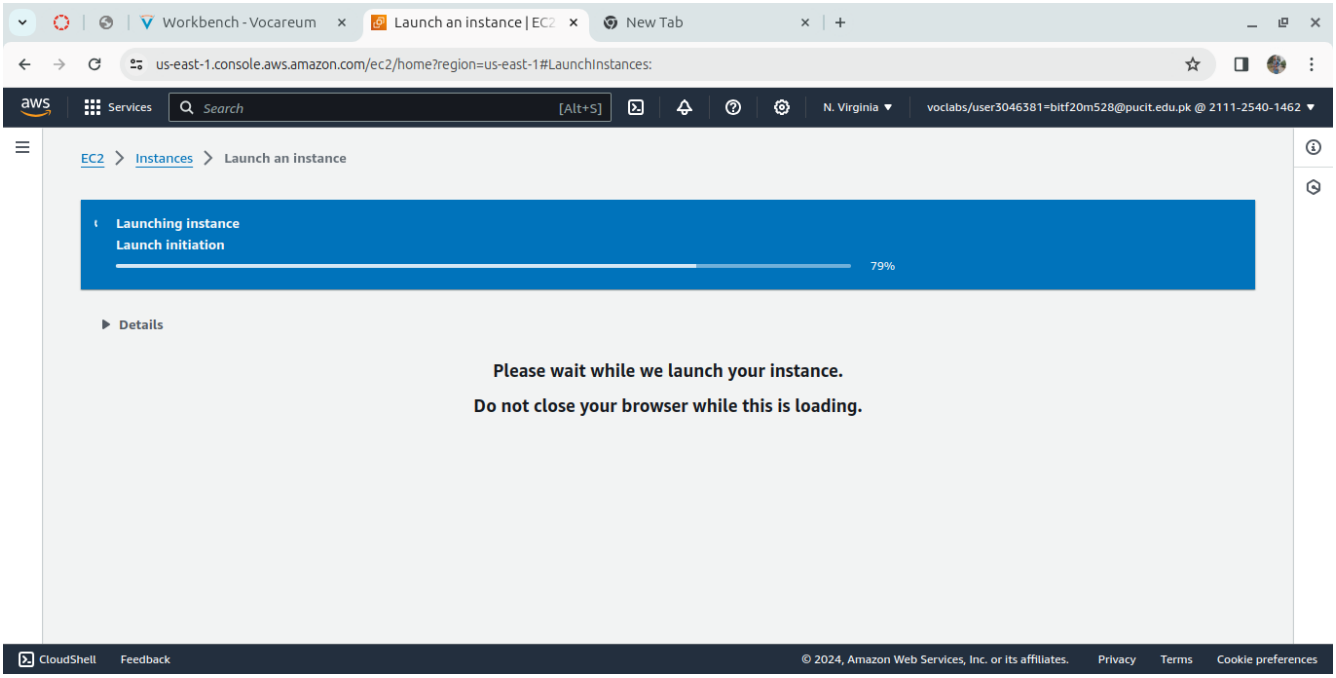
Workbench - Vocareum
Launch an instance | EC2
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Instances > Launch an instance
Launching instance
Launch initiation
79%
Details
Please wait while we launch your instance.
Do not close your browser while this is loading.
CloudShell
Feedback
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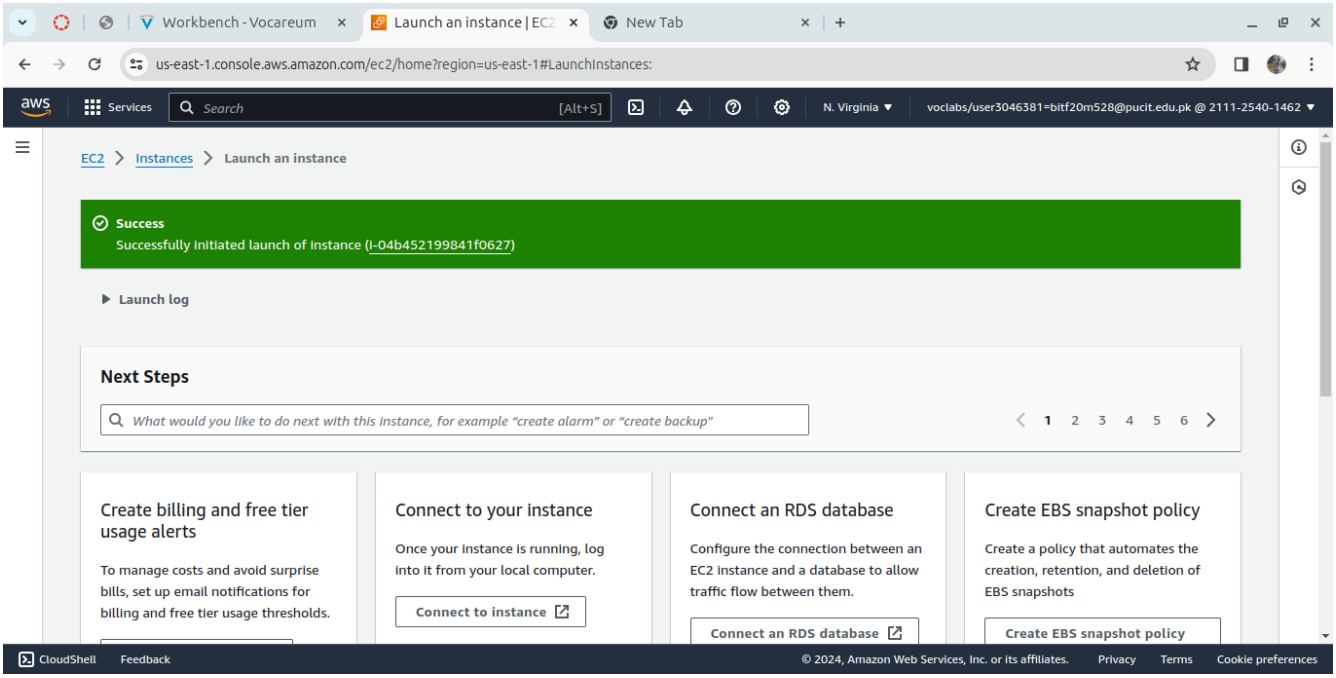
Workbench - Vocareum
Launch an instance | EC2
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (I-04b452199841f0627)
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.
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
CloudShell
Feedback
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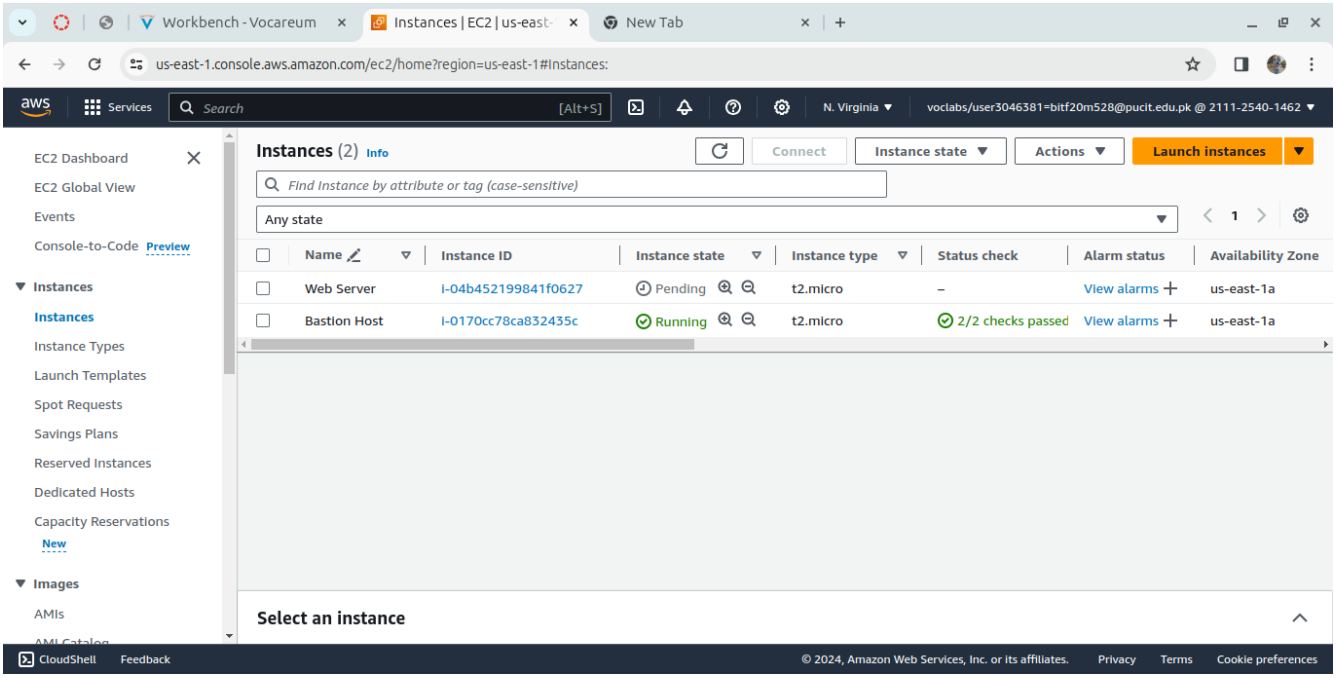
Cookie preferences


Workbench - Vocareum
Instances | EC2 | us-east-
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New
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AMIs
Instances (2) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Web Server
i-04b452199841f0627
Pending
t2.micro
–
View alarms
us-east-1a
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Select an instance
CloudShell
Feedback
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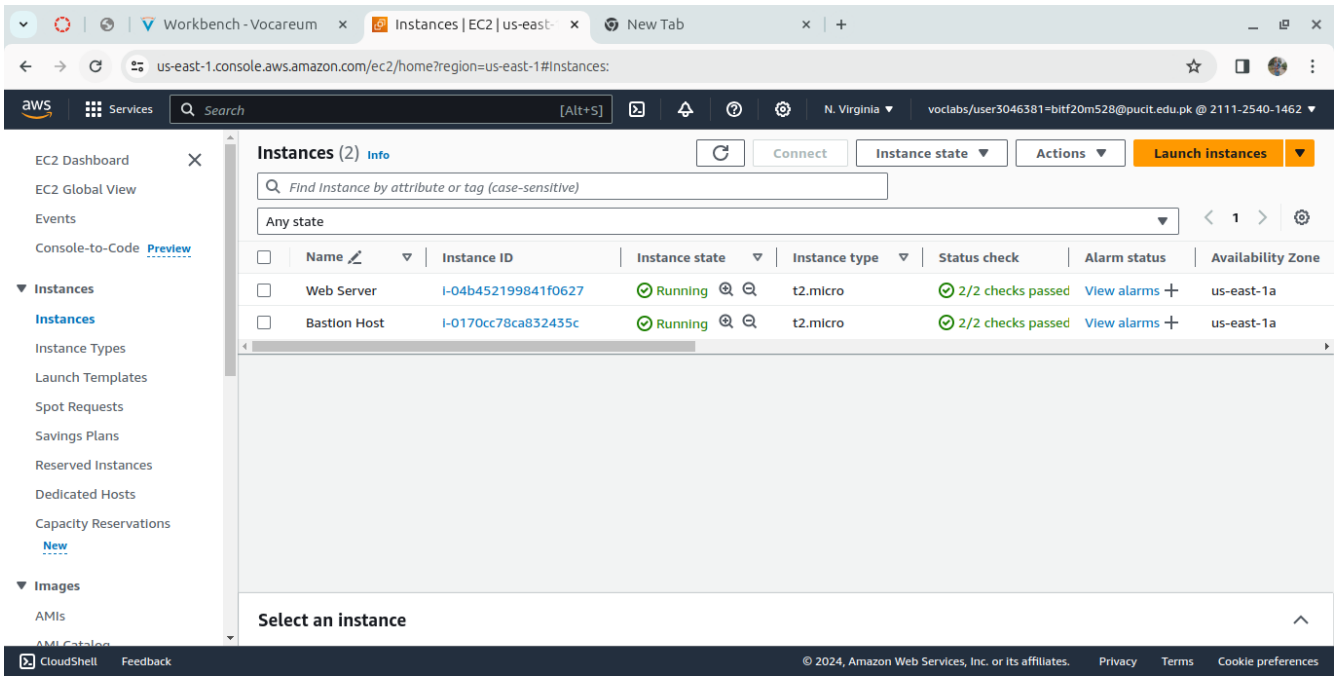
Workbench - Vocareum
Instances | EC2 | us-east-
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
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Instances
Instance Types
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Savings Plans
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New
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AMIs
Instances (2) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Web Server
i-04b452199841f0627
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Select an instance
CloudShell
Feedback
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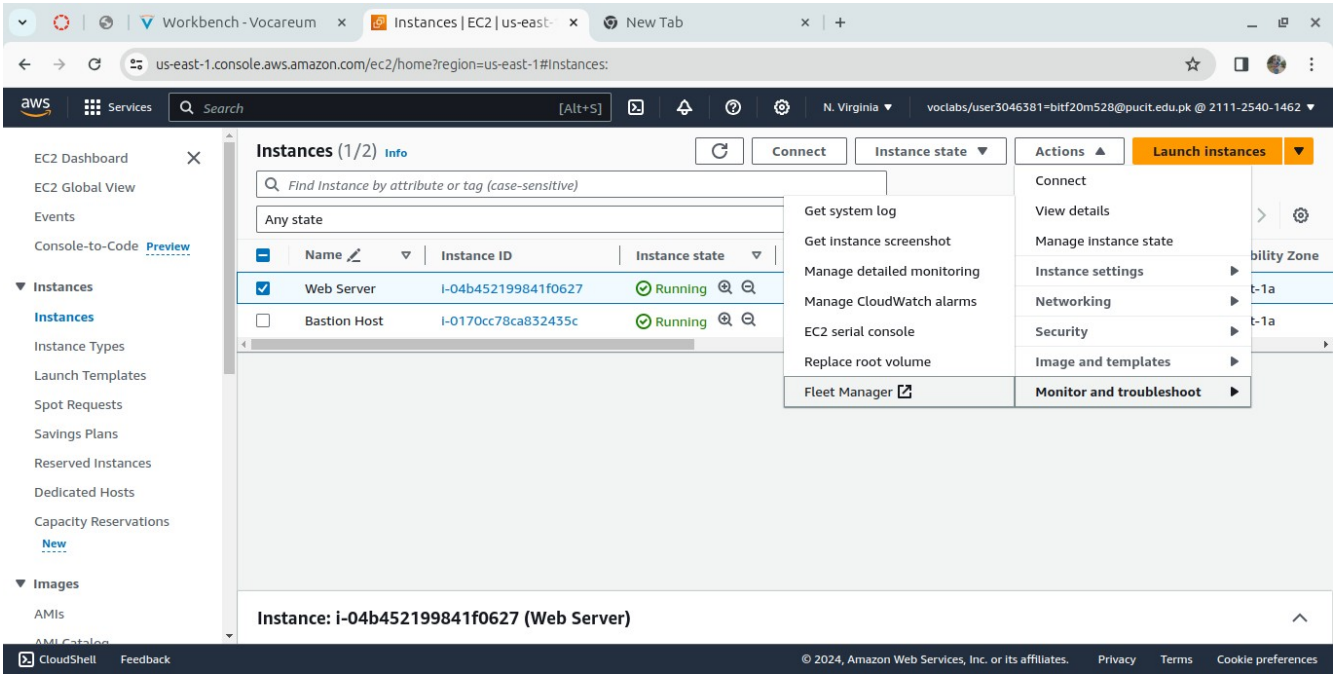
Workbench - Vocareum
Instances | EC2 | us-east-
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New
Images
AMIs
Instances (1/2) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Web Server
i-04b452199841f0627
Running
Bastion Host
i-0170cc78ca832435c
Running
Get system log
Get instance screenshot
Manage detailed monitoring
Manage CloudWatch alarms
EC2 serial console
Replace root volume
Fleet Manager
Connect
View details
Manage instance state
Instance settings
Networking
Security
Image and templates
Monitor and troubleshoot
Instance: i-04b452199841f0627 (Web Server)
CloudShell
Feedback
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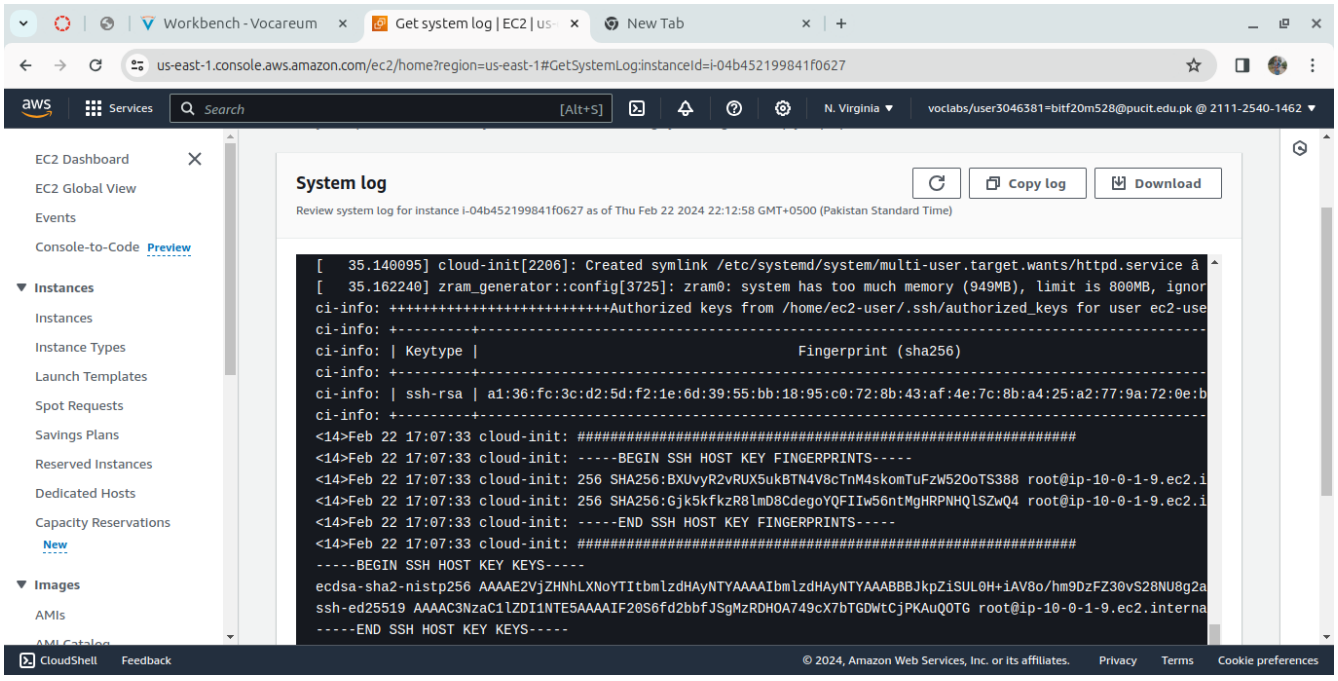
Cookie preferences


Workbench - Vocareum
Get system log | EC2 | us-
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#GetSystemLog:instanceId=i-04b452199841f0627
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
New
Images
AMIs
System log
Copy log
Download
Review system log for instance i-04b452199841f0627 as of Thu Feb 22 2024 22:12:58 GMT+0500 (Pakistan Standard Time)
[35.140095] cloud-init[2206]: Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service â
[35.162240] zram_generator::config[3725]: zram0: system has too much memory (949MB), limit is 800MB, ignor
ci-info: ++++++++++++++++++++++++++++Authorized keys from /home/ec2-user/.ssh/authorized_keys for user ec2-use
ci-info: +---------+---
ci-info: | Keytype | Fingerprint (sha256)
ci-info: +---------+---
ci-info: | ssh-rsa | a1:36:fc:3c:d2:5d:f2:1e:6d:39:55:bb:18:95:c0:72:8b:43:af:4e:7c:8b:a4:25:a2:77:9a:72:0e:b
ci-info: +---------+---
<14>Feb 22 17:07:33 cloud-init: ###
<14>Feb 22 17:07:33 cloud-init: -----BEGIN SSH HOST KEY FINGERPRINTS-----
<14>Feb 22 17:07:33 cloud-init: 256 SHA256:BXUvyR2vRUX5ukBTN4V8cTnM4skomTuFzW52OoTS388 root@ip-10-0-1-9.ec2.i
<14>Feb 22 17:07:33 cloud-init: 256 SHA256:Gjk5kfkzR8lmD8CdegoYQFIIw56ntMgHRPNHQlSZwQ4 root@ip-10-0-1-9.ec2.i
<14>Feb 22 17:07:33 cloud-init: -----END SSH HOST KEY FINGERPRINTS-----
<14>Feb 22 17:07:33 cloud-init: ###
-----BEGIN SSH HOST KEY KEYS-----
ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBJkpZiSUL0H+iAV8o/hm9DzFZ30vS28NU8g2a
ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIF20S6fd2bbfJSgMzRDHOA749cX7bTGDWtCjPKAuQOTG root@ip-10-0-1-9.ec2.interna
-----END SSH HOST KEY KEYS-----
CloudShell
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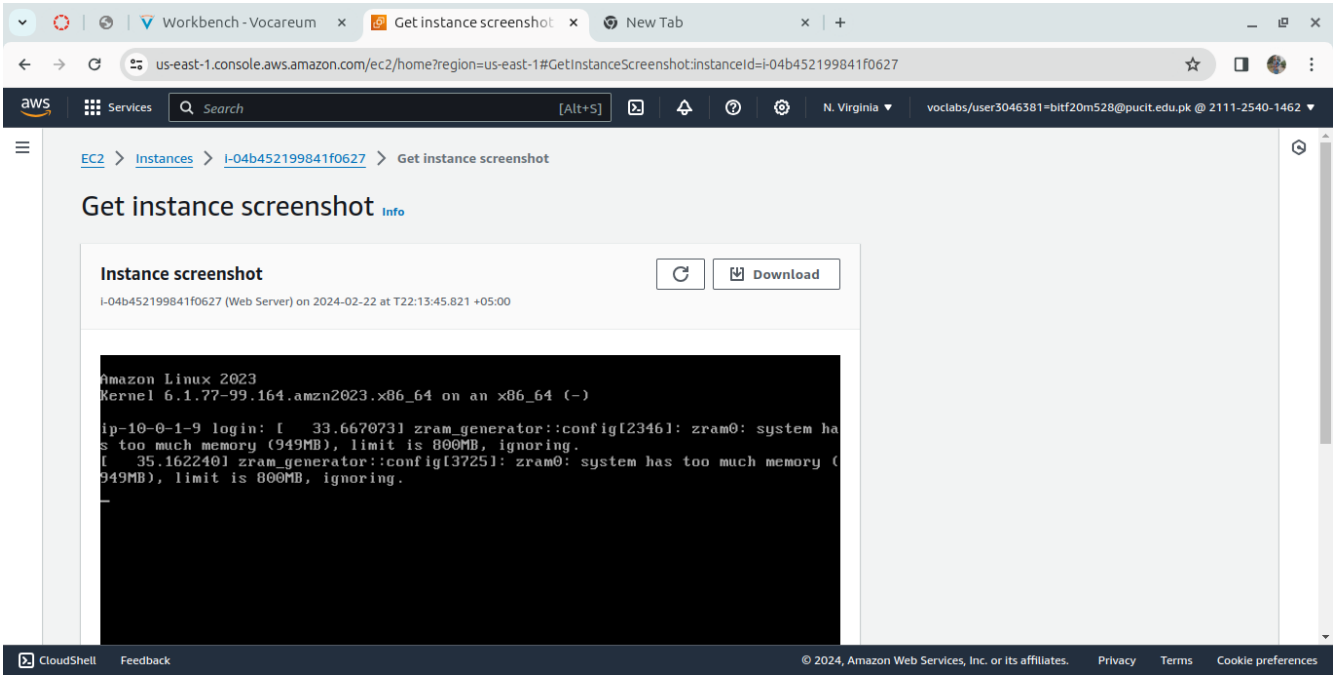
Workbench - Vocareum
Get instance screenshot
New Tab
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#GetInstanceScreenshot:instanceId=i-04b452199841f0627
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Instances > i-04b452199841f0627 > Get instance screenshot
Get instance screenshot Info
Instance screenshot
Download
i-04b452199841f0627 (Web Server) on 2024-02-22 at T22:13:45.821 +05:00
Amazon Linux 2023
Kernel 6.1.77-99.164.amzn2023.x86_64 on an x86_64 (-)
ip-10-0-1-9 login: [33.667073] zram_generator::config[2346]: zram0: system has too much memory (949MB), limit is 800MB, ignoring.
[35.162240] zram_generator::config[3725]: zram0: system has too much memory (949MB), limit is 800MB, ignoring.
CloudShell
Feedback
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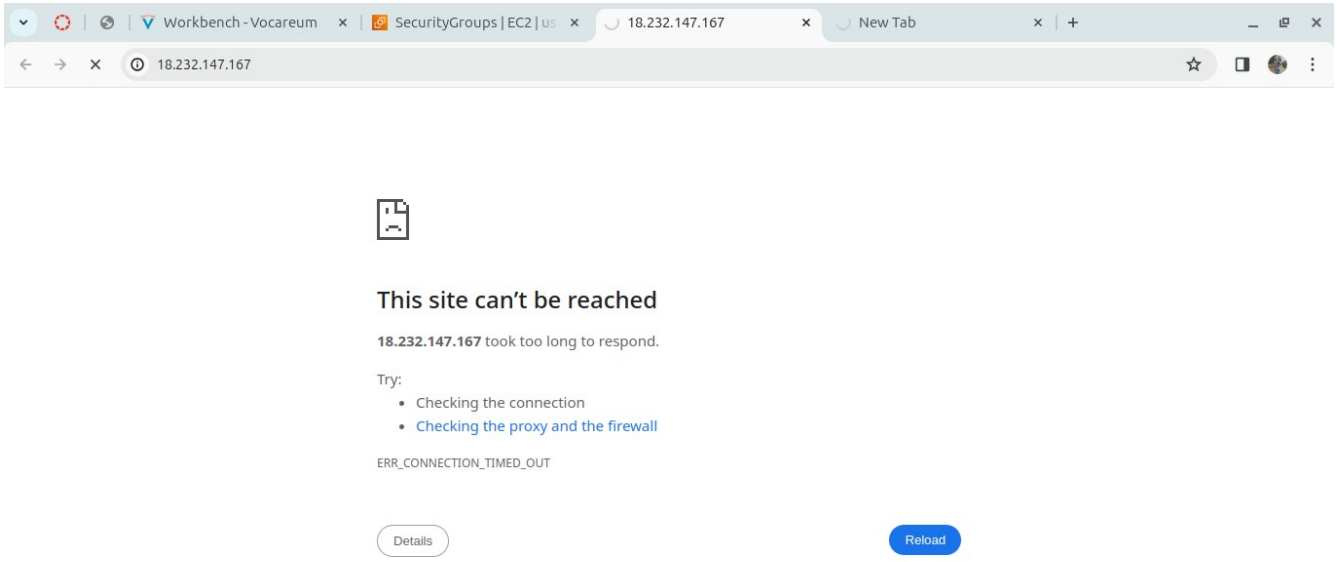
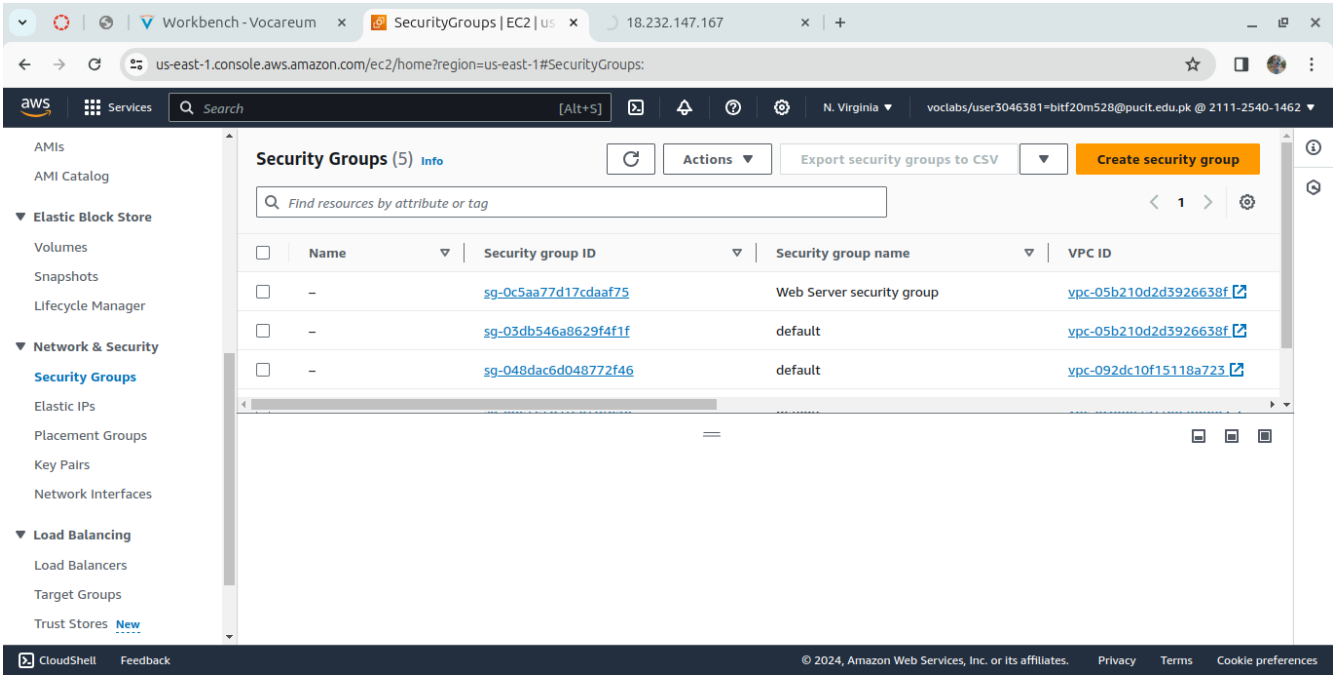

Workbench - Vocareum
SecurityGroups | EC2 | us
18.232.147.167
New Tab
18.232.147.167
This site can't be reached
18.232.147.167 took too long to respond.
Try:
Checking the connection
Checking the proxy and the firewall
ERR_CONNECTION_TIMED_OUT
Details
Reload


Workbench - Vocareum
SecurityGroups | EC2 | us
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroups:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
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
Trust Stores New
Security Groups (5) Info
Actions
Export security groups to CSV
Create security group
Find resources by attribute or tag
Name
Security group ID
Security group name
VPC ID
sg-0c5aa77d17cdaaf75
Web Server security group
vpc-05b210d2d3926638f
sg-03db546a8629f4f1f
default
vpc-05b210d2d3926638f
sg-048dac6d048772f46
default
vpc-092dc10f15118a723
CloudShell
Feedback
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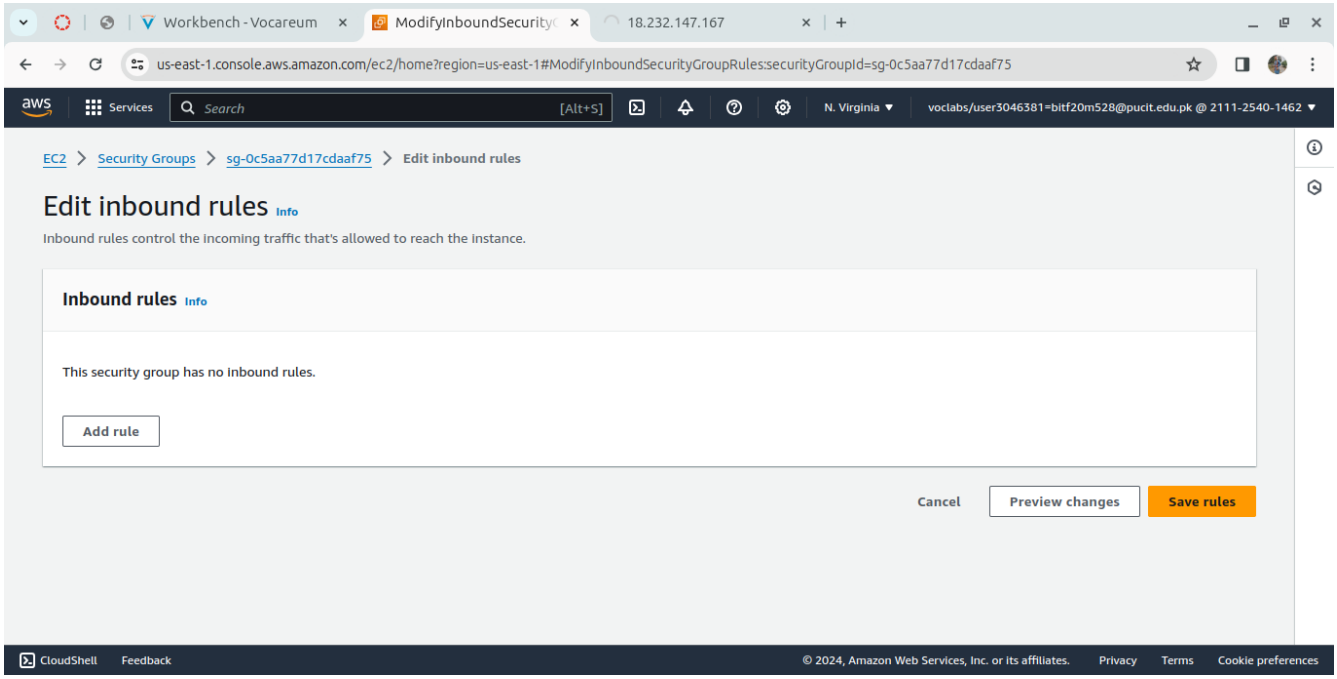
Workbench - Vocareum
ModifyInboundSecurity
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-0c5aa77d17cdaaf75
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2
Security Groups
sg-0c5aa77d17cdaaf75
Edit inbound rules
Edit inbound rules Info
Inbound rules control the incoming traffic that's allowed to reach the instance.
Inbound rules Info
This security group has no inbound rules.
Add rule
Cancel
Preview changes
Save rules
CloudShell
Feedback
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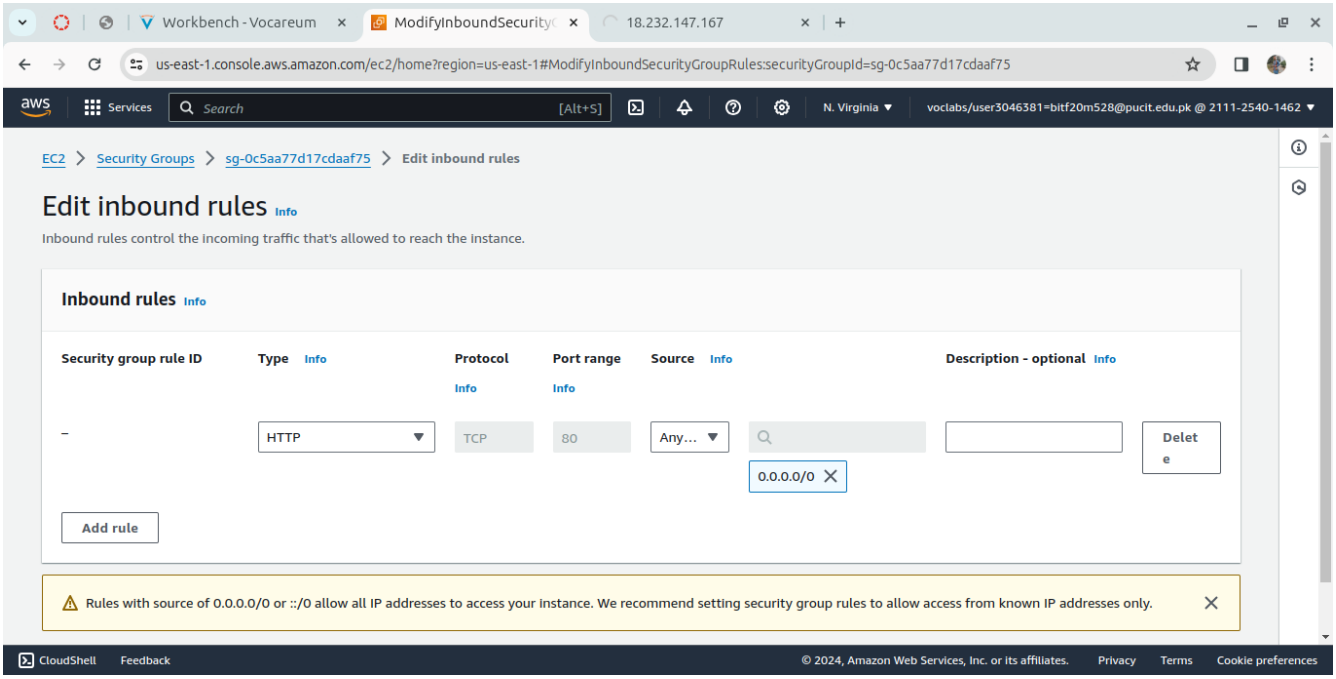
Workbench - Vocareum
ModifyInboundSecurity
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-0c5aa77d17cdaaf75
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Security Groups > sg-0c5aa77d17cdaaf75 > Edit inbound rules
Edit inbound rules Info
Inbound rules control the incoming traffic that's allowed to reach the instance.
Inbound rules Info
Security group rule ID
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
HTTP
TCP
80
Any...
0.0.0.0/0
Delete
Add rule
Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
CloudShell
Feedback
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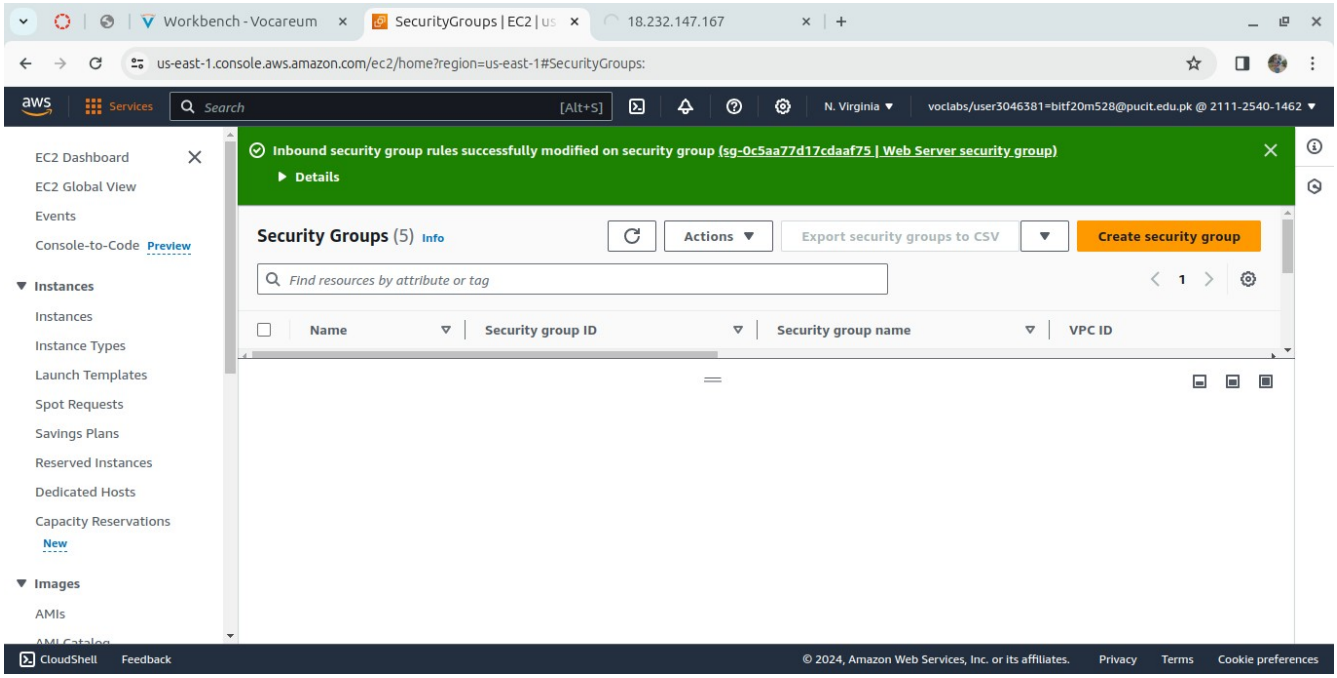
Workbench - Vocareum
SecurityGroups | EC2 | us
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#SecurityGroups:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
EC2 Global View
Events
Console-to-Code Preview
Instances
Instances
Instance Types
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Spot Requests
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Reserved Instances
Dedicated Hosts
Capacity Reservations
New
Images
AMIs
Inbound security group rules successfully modified on security group (sg-0c5aa77d17cdaaf75 | Web Server security group)
Details
Security Groups (5) Info
Actions
Export security groups to CSV
Create security group
Find resources by attribute or tag
Name
Security group ID
Security group name
VPC ID
CloudShell
Feedback
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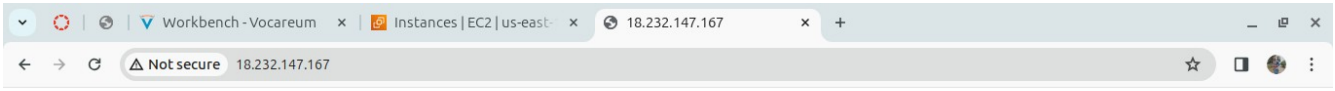
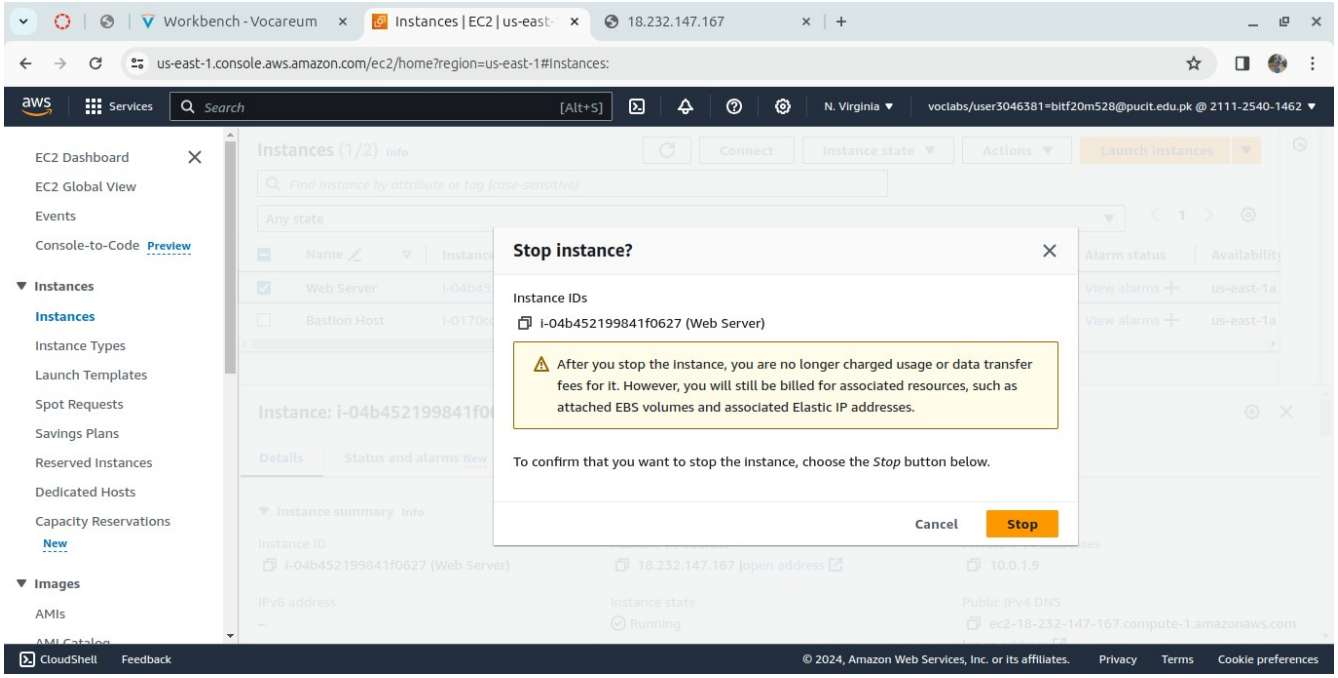
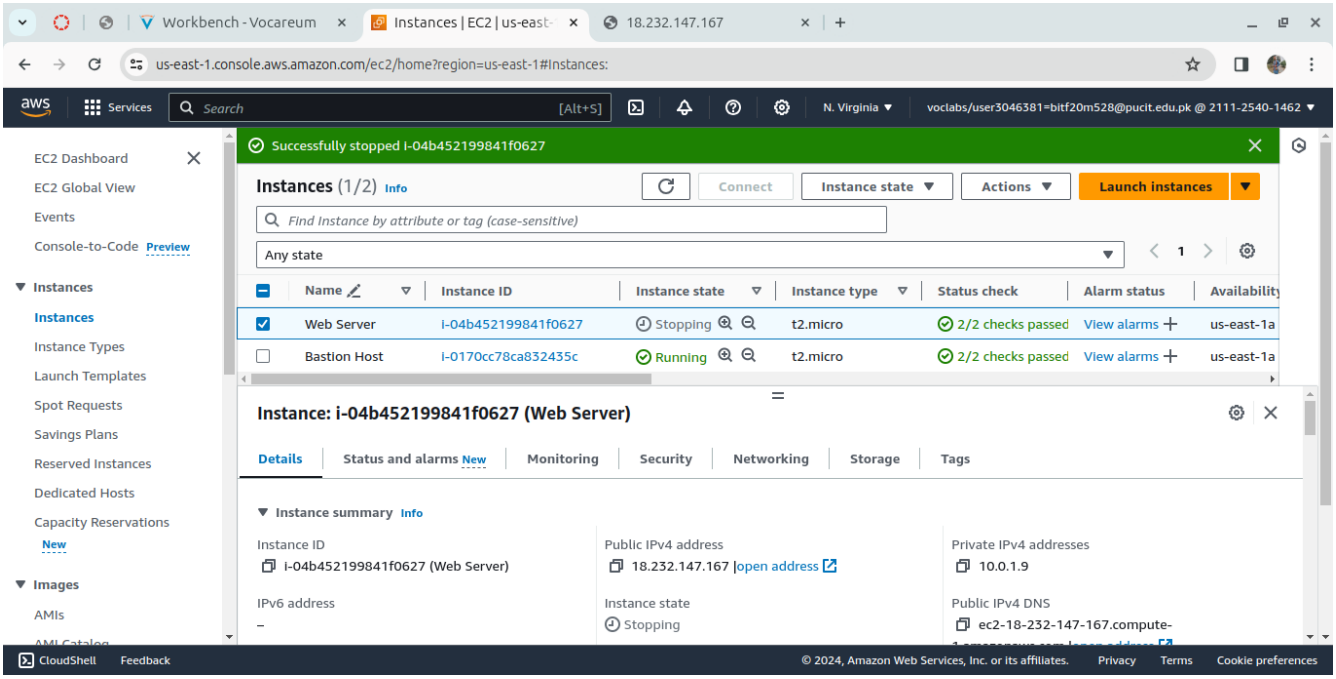


Hello From Your Web Server!




Workbench - Vocareum
Instances | EC2 | us-east-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
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Images
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Successfully stopped i-04b452199841f0627
Instances (1/2) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability
Web Server
i-04b452199841f0627
Stopping
t2.micro
2/2 checks passed
View alarms
us-east-1a
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Instance: i-04b452199841f0627 (Web Server)
Details
Status and alarms New
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-04b452199841f0627 (Web Server)
IPv6 address
–
Public IPv4 address
18.232.147.167 |open address
Instance state
Stopping
Private IPv4 addresses
10.0.1.9
Public IPv4 DNS
ec2-18-232-147-167.compute-
CloudShell
Feedback
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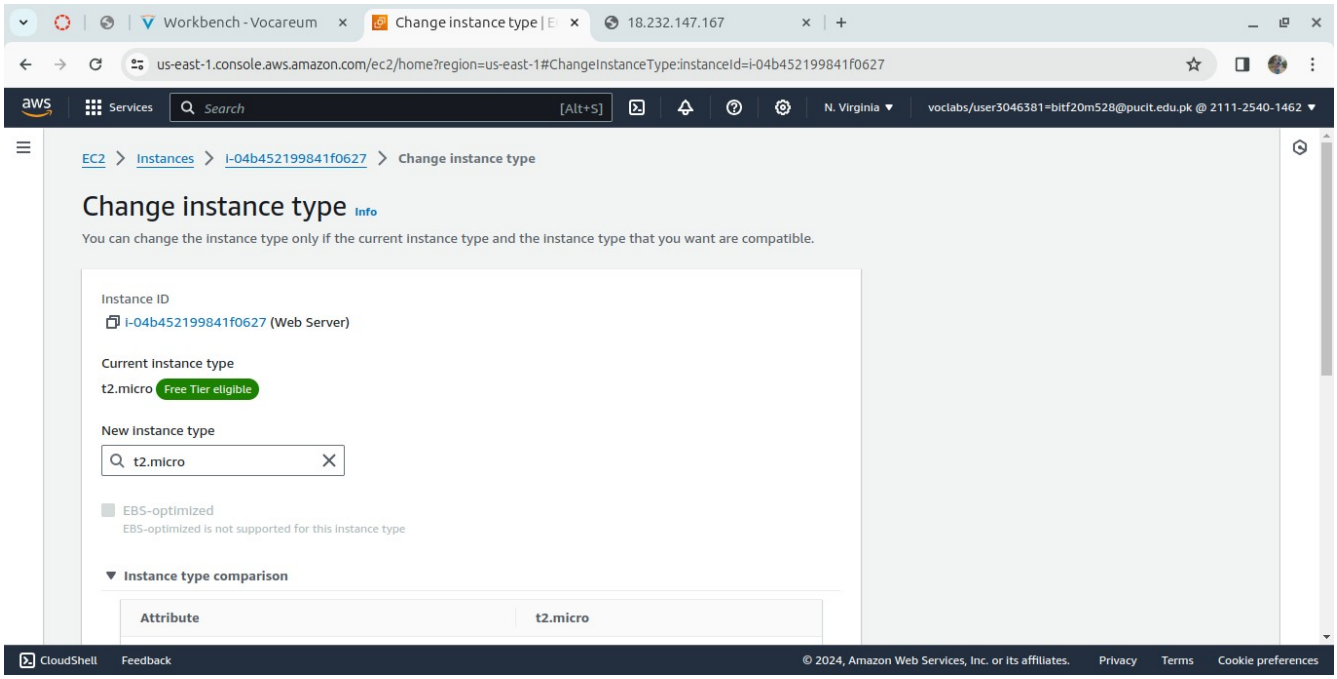
Workbench - Vocareum
Change instance type | E
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ChangeInstanceType:instanceId=i-04b452199841f0627
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2
Instances
i-04b452199841f0627
Change instance type
Change instance type Info
You can change the instance type only if the current instance type and the instance type that you want are compatible.
Instance ID
i-04b452199841f0627 (Web Server)
Current instance type
t2.micro
Free Tier eligible
New instance type
t2.micro
EBS-optimized
EBS-optimized is not supported for this instance type
Instance type comparison
Attribute
t2.micro
CloudShell
Feedback
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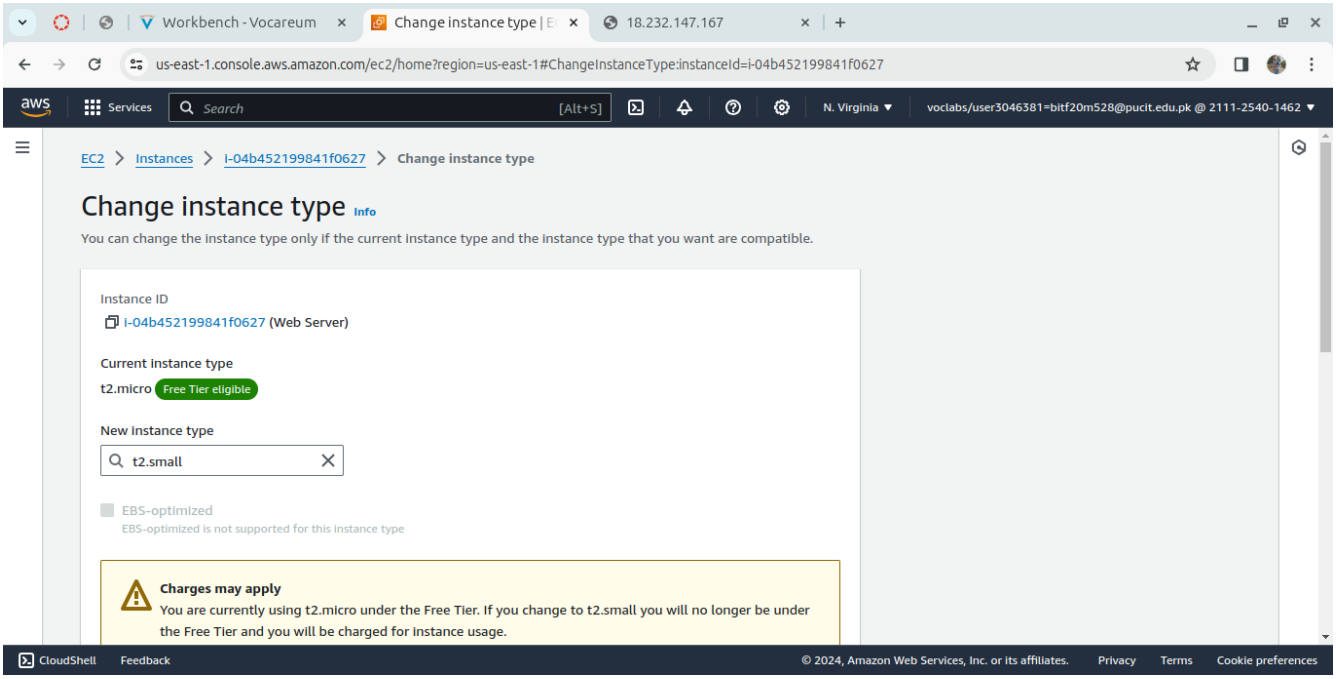
Workbench - Vocareum
Change instance type
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ChangeInstanceType:instanceId=i-04b452199841f0627
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Instances > i-04b452199841f0627 > Change instance type
Change instance type Info
You can change the instance type only if the current instance type and the instance type that you want are compatible.
Instance ID
i-04b452199841f0627 (Web Server)
Current instance type
t2.micro
Free Tier eligible
New instance type
t2.small
EBS-optimized
EBS-optimized is not supported for this instance type
Charges may apply
You are currently using t2.micro under the Free Tier. If you change to t2.small you will no longer be under the Free Tier and you will be charged for instance usage.
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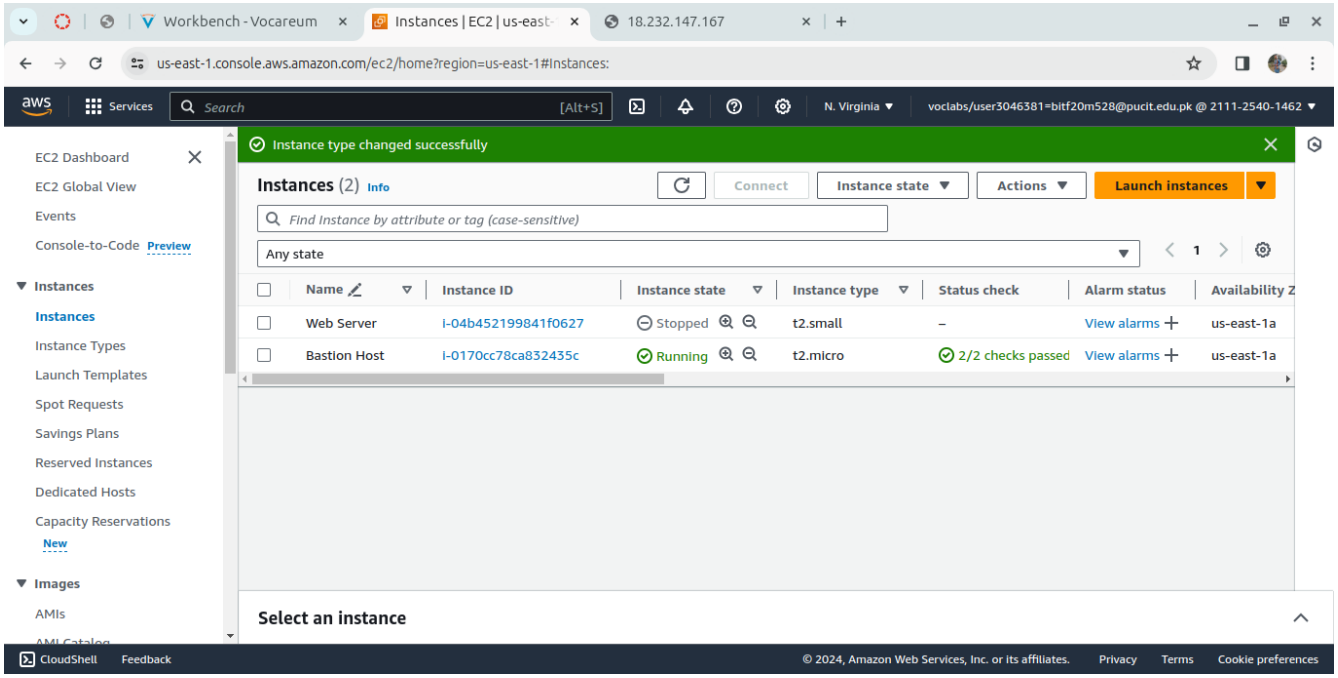
Workbench - Vocareum
Instances | EC2 | us-east-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
Instance type changed successfully
EC2 Dashboard
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Instances (2) Info
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Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Z
Web Server
i-04b452199841f0627
Stopped
t2.small
–
View alarms
us-east-1a
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Select an instance
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Feedback
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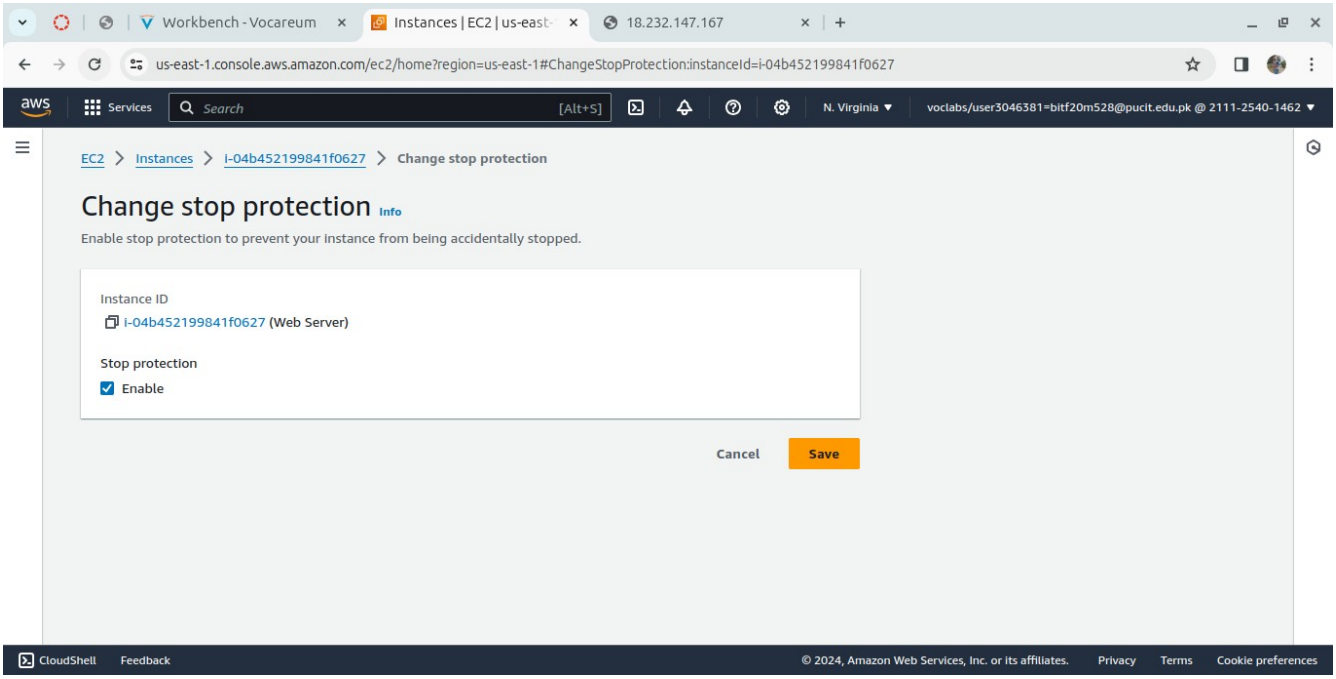
Workbench - Vocareum
Instances | EC2 | us-east-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ChangeStopProtection:instanceId=i-04b452199841f0627
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Instances > i-04b452199841f0627 > Change stop protection
Change stop protection Info
Enable stop protection to prevent your instance from being accidentally stopped.
Instance ID
i-04b452199841f0627 (Web Server)
Stop protection
Enable
Cancel
Save
CloudShell
Feedback
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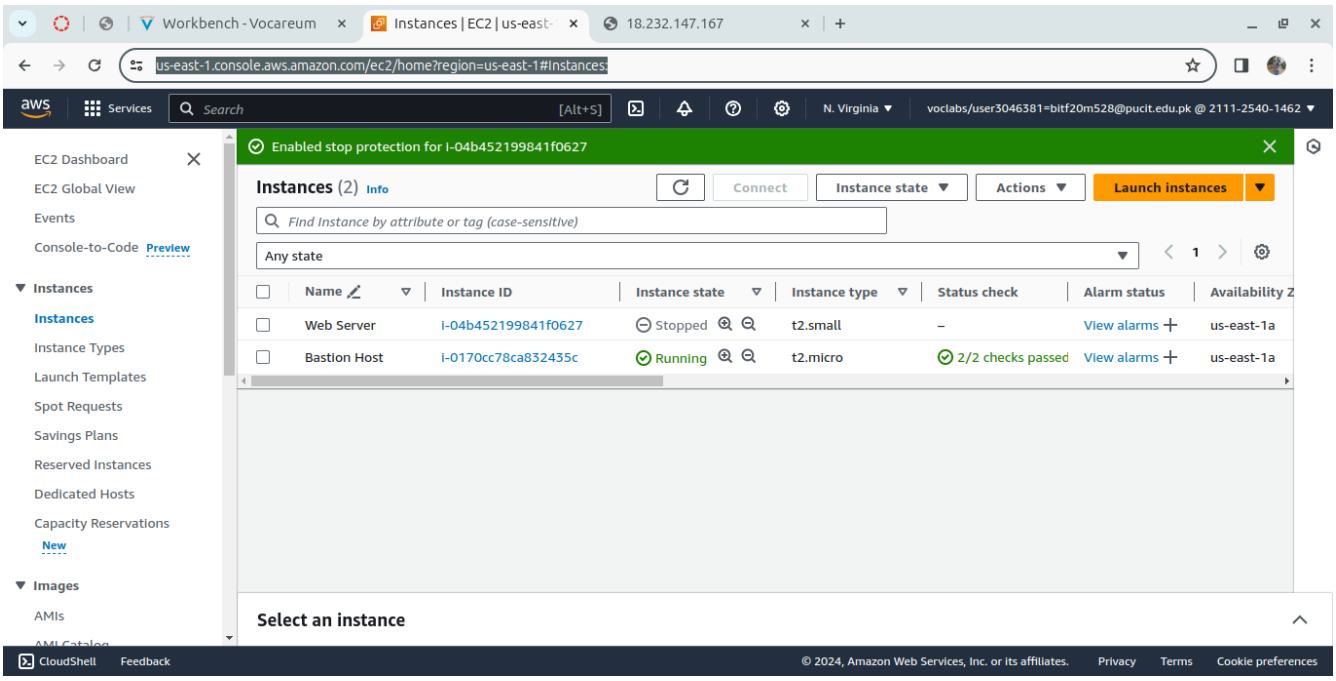
Workbench - Vocareum
Instances | EC2 | us-east-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
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Enabled stop protection for i-04b452199841f0627
Instances (2) Info
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Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Z
Web Server
i-04b452199841f0627
Stopped
t2.small
–
View alarms
us-east-1a
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Select an instance
CloudShell
Feedback
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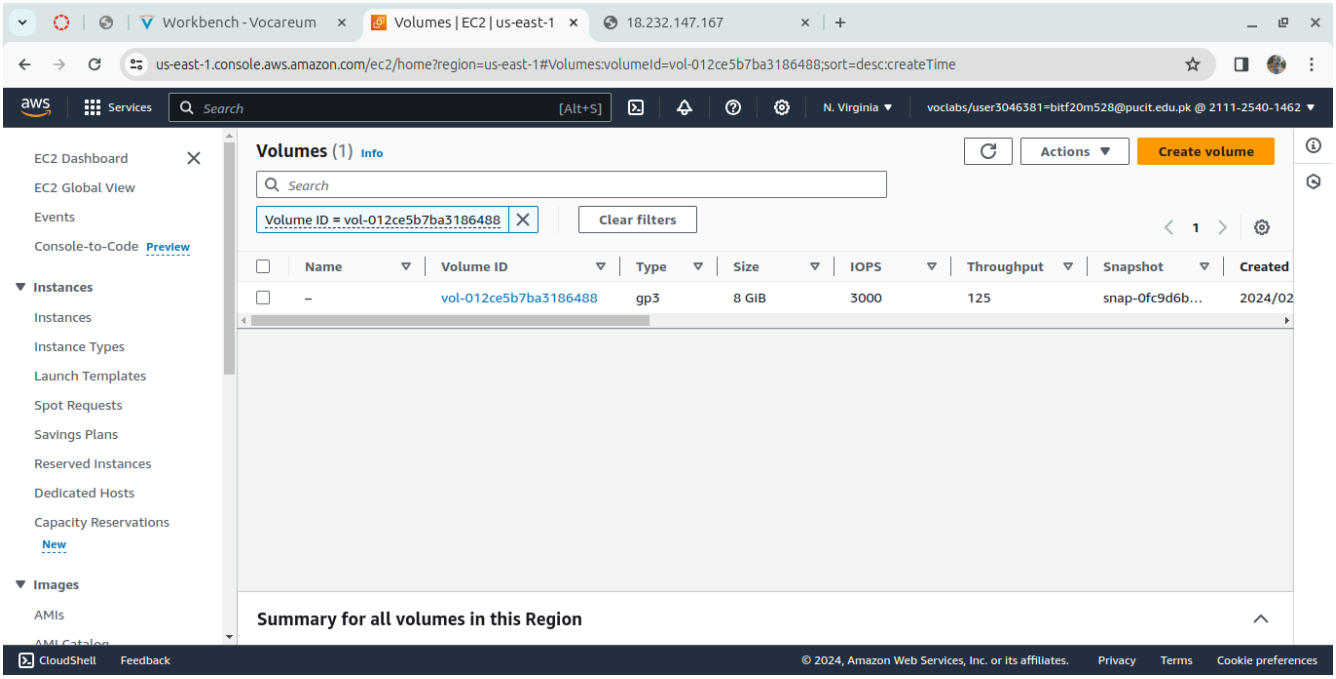
Workbench - Vocareum
Volumes | EC2 | us-east-1
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:volumeId=vol-012ce5b7ba3186488;sort=desc:createTime
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
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Volumes (1) Info
Actions
Create volume
Search
Volume ID = vol-012ce5b7ba3186488
Clear filters
1
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot
Created
–
vol-012ce5b7ba3186488
gp3
8 GiB
3000
125
snap-0fc9d6b...
2024/02
Summary for all volumes in this Region
CloudShell
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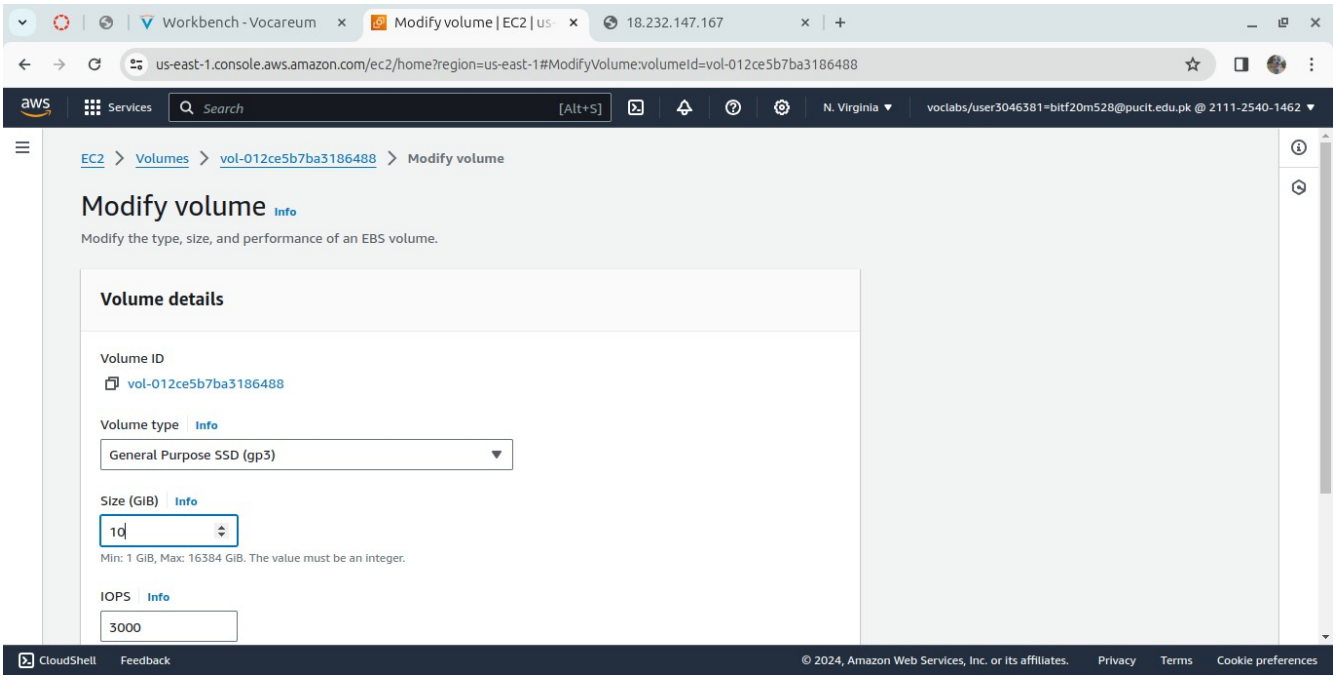
Workbench - Vocareum
Modify volume | EC2 | us-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ModifyVolume:volumeId=vol-012ce5b7ba3186488
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 > Volumes > vol-012ce5b7ba3186488 > Modify volume
Modify volume Info
Modify the type, size, and performance of an EBS volume.
Volume details
Volume ID
vol-012ce5b7ba3186488
Volume type Info
General Purpose SSD (gp3)
Size (GiB) Info
10
Min: 1 GiB, Max: 16384 GiB. The value must be an integer.
IOPS Info
3000
CloudShell
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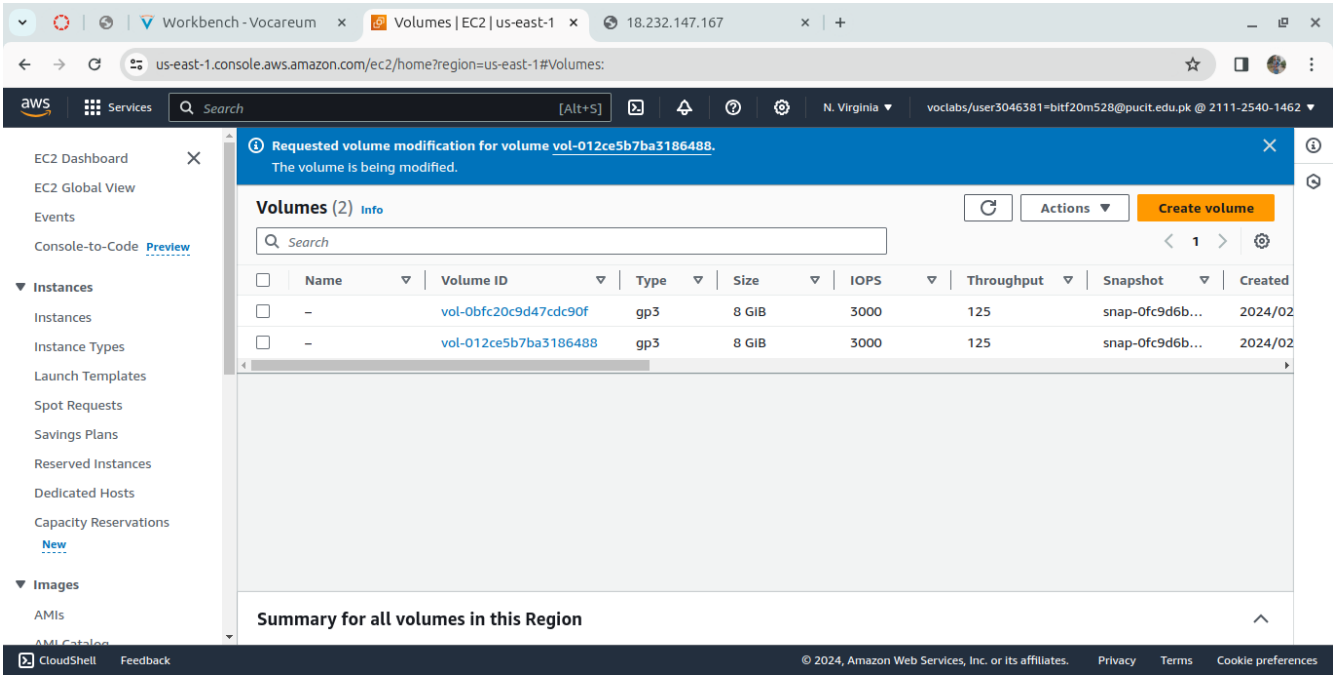
Workbench - Vocareum
Volumes | EC2 | us-east-1
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Volumes:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
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Requested volume modification for volume vol-012ce5b7ba3186488.
The volume is being modified.
Volumes (2) Info
Actions
Create volume
Search
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot
Created
– vol-0bfc20c9d47cdc90f gp3 8 GiB 3000 125 snap-0fc9d6b... 2024/02
– vol-012ce5b7ba3186488 gp3 8 GiB 3000 125 snap-0fc9d6b... 2024/02
Summary for all volumes in this Region
CloudShell
Feedback
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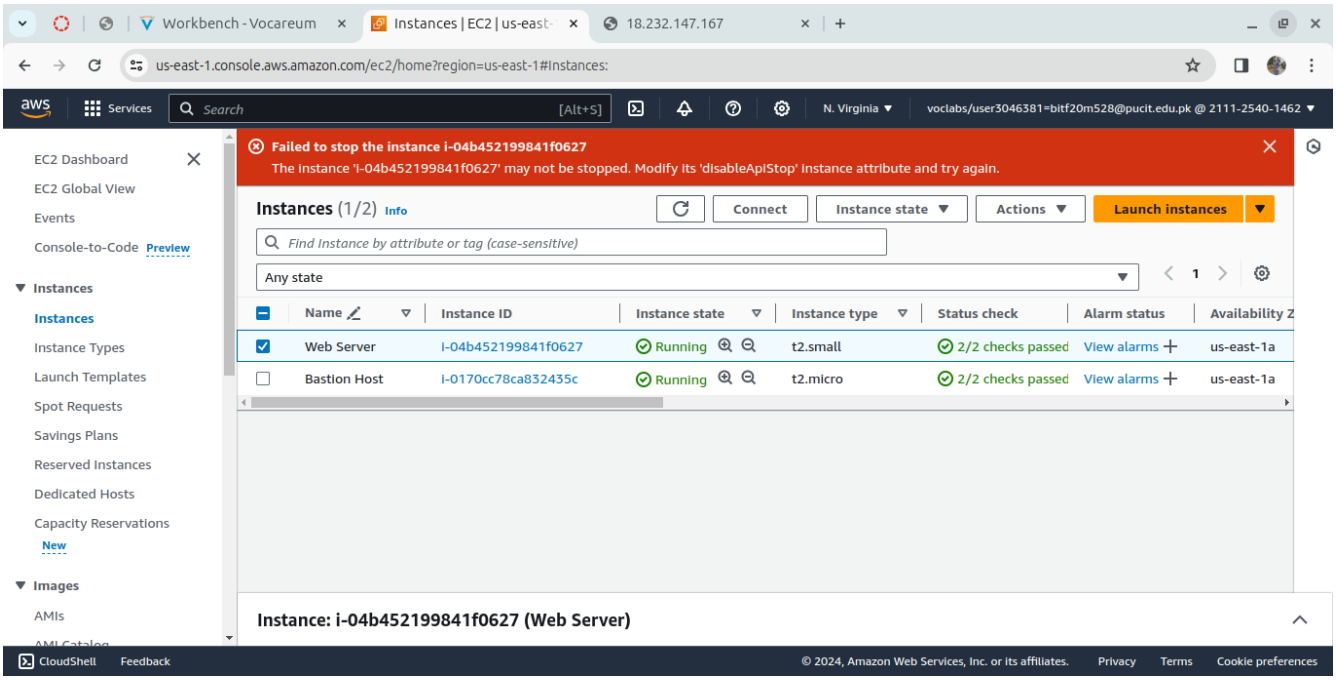
Workbench - Vocareum
Instances | EC2 | us-east-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
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AMIs
Failed to stop the instance i-04b452199841f0627
The instance 'i-04b452199841f0627' may not be stopped. Modify its 'disableApiStop' instance attribute and try again.
Instances (1/2) Info
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Z
Web Server i-04b452199841f0627 Running t2.small 2/2 checks passed View alarms us-east-1a
Bastion Host i-0170cc78ca832435c Running t2.micro 2/2 checks passed View alarms us-east-1a
Instance: i-04b452199841f0627 (Web Server)
CloudShell
Feedback
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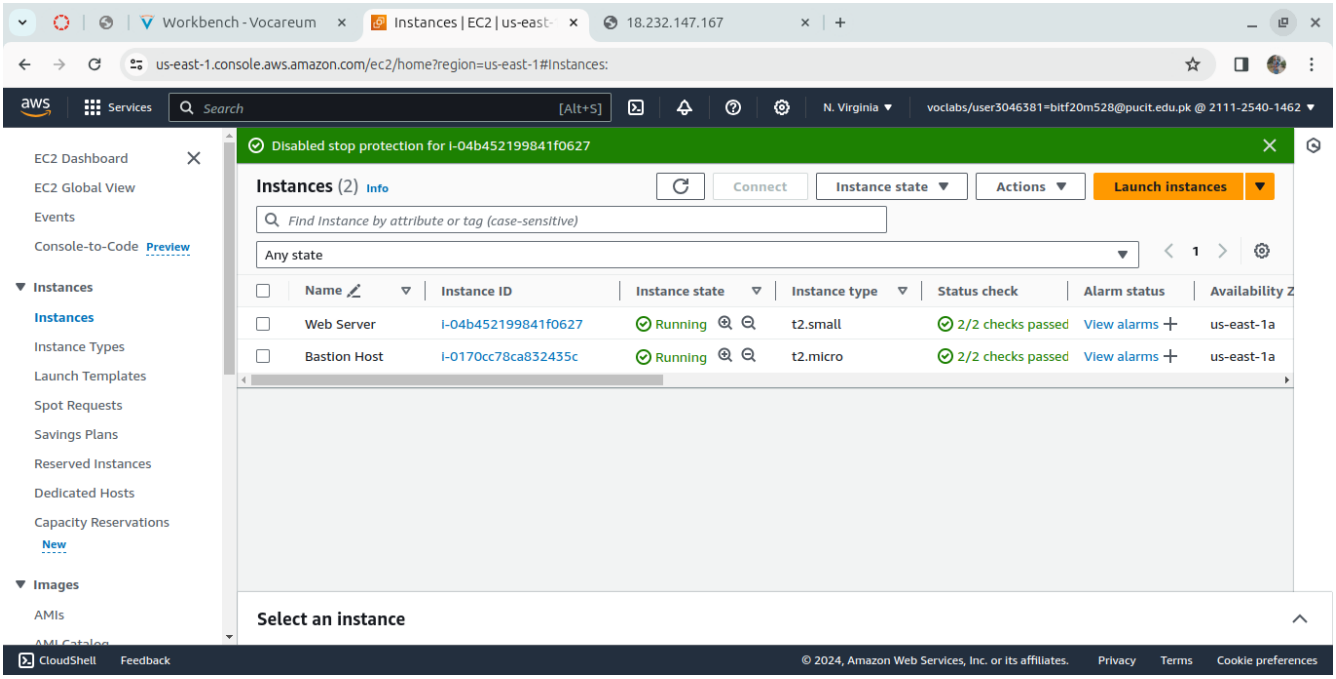
Workbench - Vocareum
Instances | EC2 | us-east-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
EC2 Dashboard
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Disabled stop protection for i-04b452199841f0627
Instances (2) Info
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Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Z
Web Server
i-04b452199841f0627
Running
t2.small
2/2 checks passed
View alarms
us-east-1a
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Select an instance
CloudShell
Feedback
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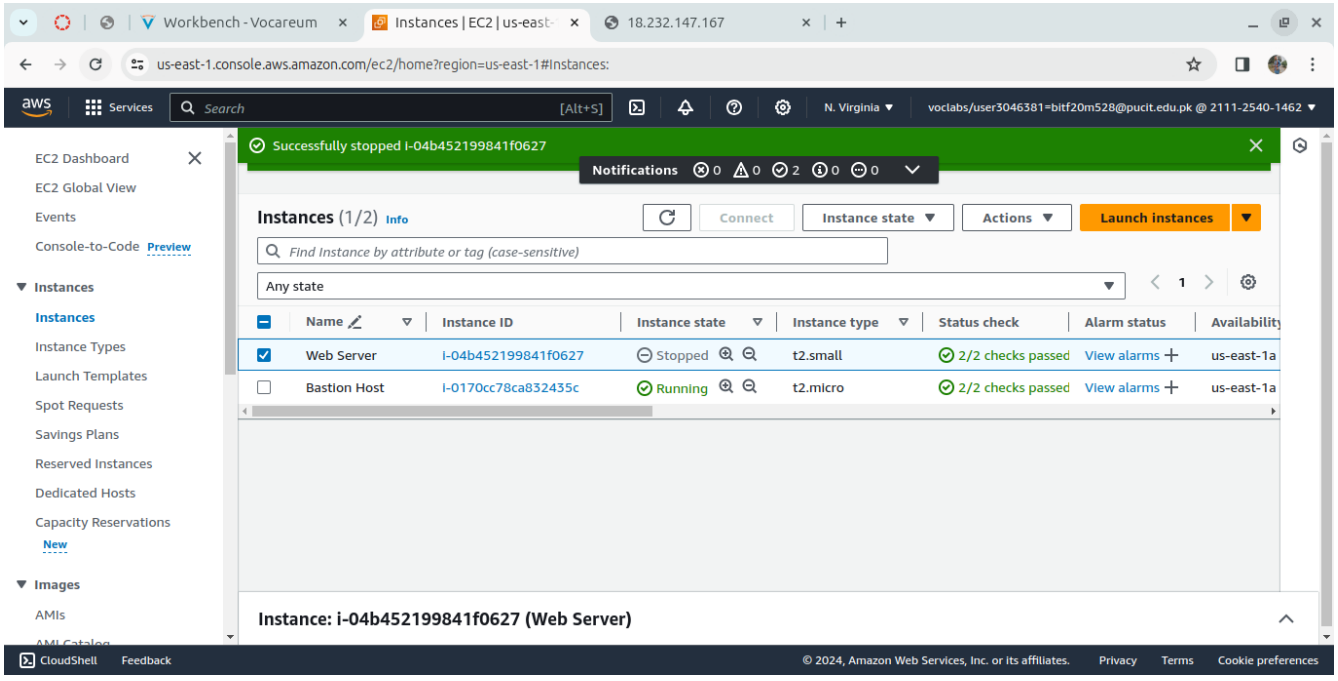
Workbench - Vocareum
Instances | EC2 | us-east-
18.232.147.167
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
voclabs/user3046381=bitf20m528@pucit.edu.pk @ 2111-2540-1462
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Find Instance by attribute or tag (case-sensitive)
Any state
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability
Web Server
i-04b452199841f0627
Stopped
t2.small
2/2 checks passed
View alarms
us-east-1a
Bastion Host
i-0170cc78ca832435c
Running
t2.micro
2/2 checks passed
View alarms
us-east-1a
Instance: i-04b452199841f0627 (Web Server)
CloudShell
Feedback
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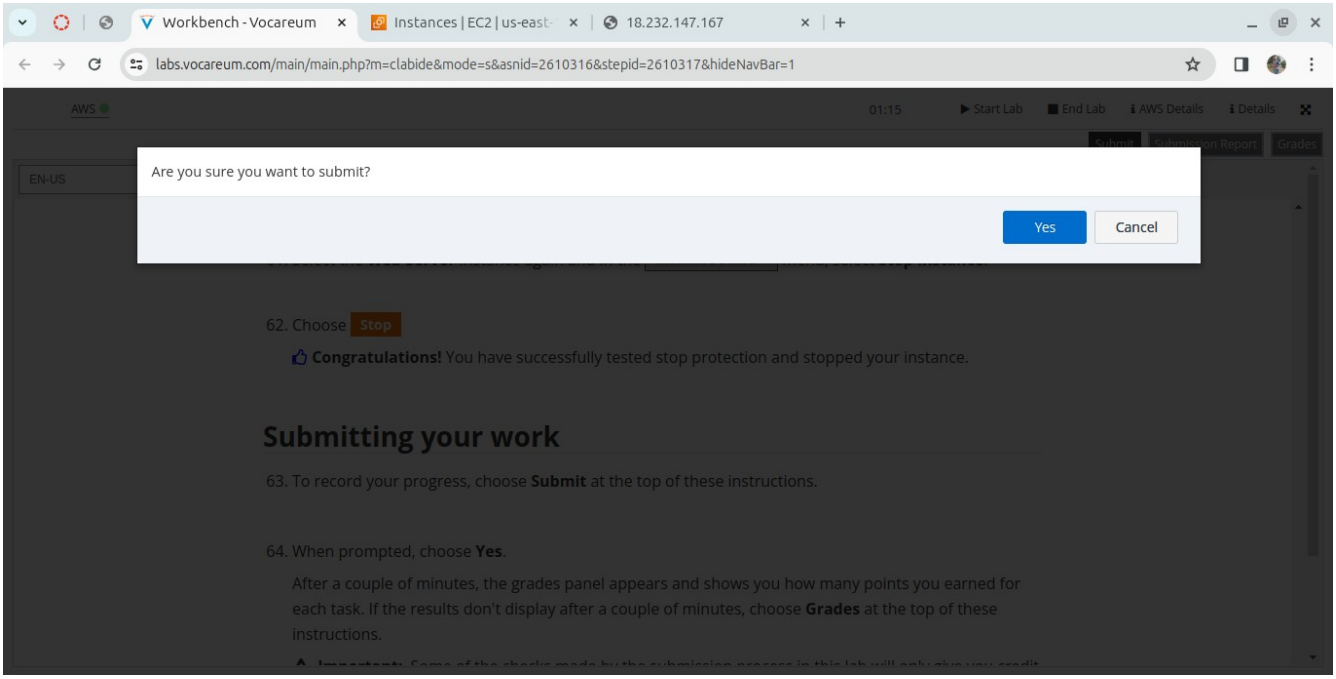
Workbench - Vocareum
Instances | EC2 | us-east
18.232.147.167
labs.vocareum.com/main/main.php?m=clabide&mode=s&asnid=2610316&stepid=2610317&hideNavBar=1
AWS
01:15
Start Lab
End Lab
AWS Details
Details
Submit
Grades
EN-US
Are you sure you want to submit?
Yes
Cancel
62. Choose Stop
Congratulations! You have successfully tested stop protection and stopped your instance.
Submitting your work
63. To record your progress, choose Submit at the top of these instructions.
64. When prompted, choose Yes.
After a couple of minutes, the grades panel appears and shows you how many points you earned for each task. If the results don't display after a couple of minutes, choose Grades at the top of these instructions.