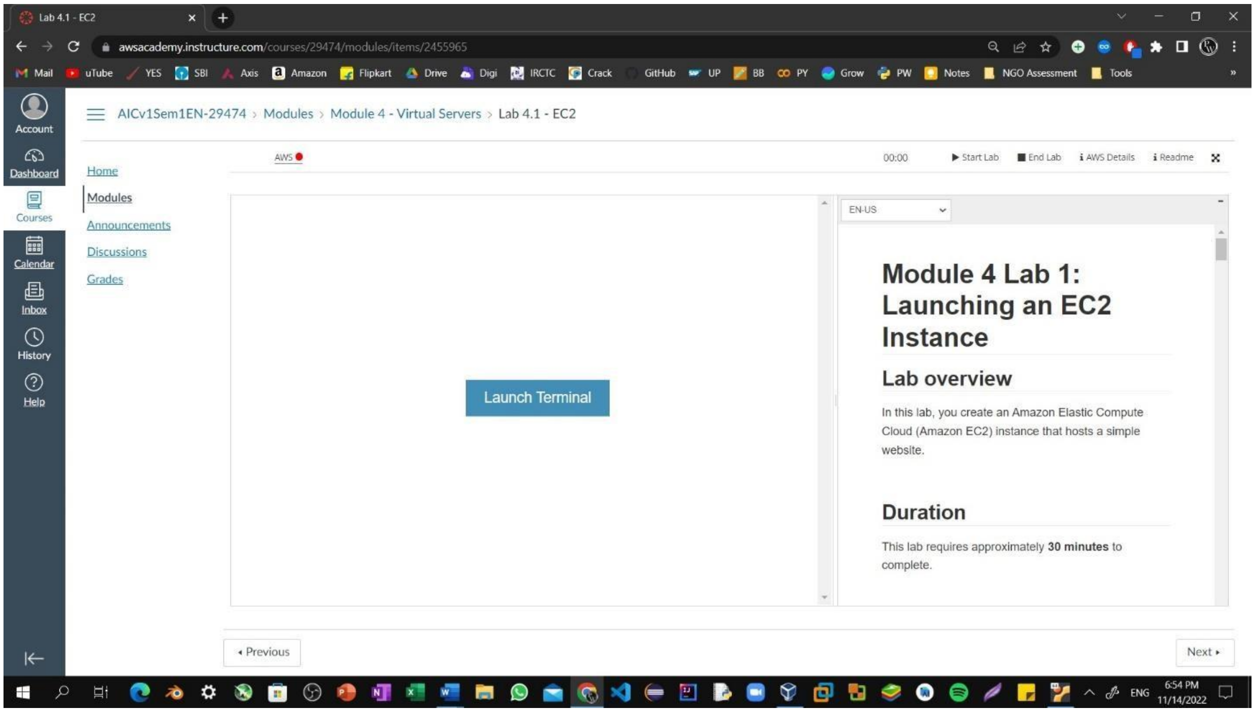
Name: Hitendra Sisodia
Sap id: 500091910

Lab 10.1: Launching an EC2

Step1: To start the lab session, choose **Start Lab** in the upper-right corner of the page.


Lab 4.1 - EC2
awsacademy.instructure.com/courses/29474/modules/items/2455965
Mail uTube YES SBI Axis Amazon Flipkart Drive Digi IRCTC Crack GitHub UP BB PY Grow PW Notes NGO Assessment Tools
Account
Dashboard
Courses
Calendar
Inbox
History
Help
AICv1Sem1EN-29474 › Modules › Module 4 - Virtual Servers › Lab 4.1 - EC2
Home
Modules
Announcements
Discussions
Grades
AWS
00:00
Start Lab
End Lab
AWS Details
Readme
EN-US
Launch Terminal
Previous
Next
ENG
6:54 PM
11/14/2022

Module 4 Lab 1: Launching an EC2 Instance

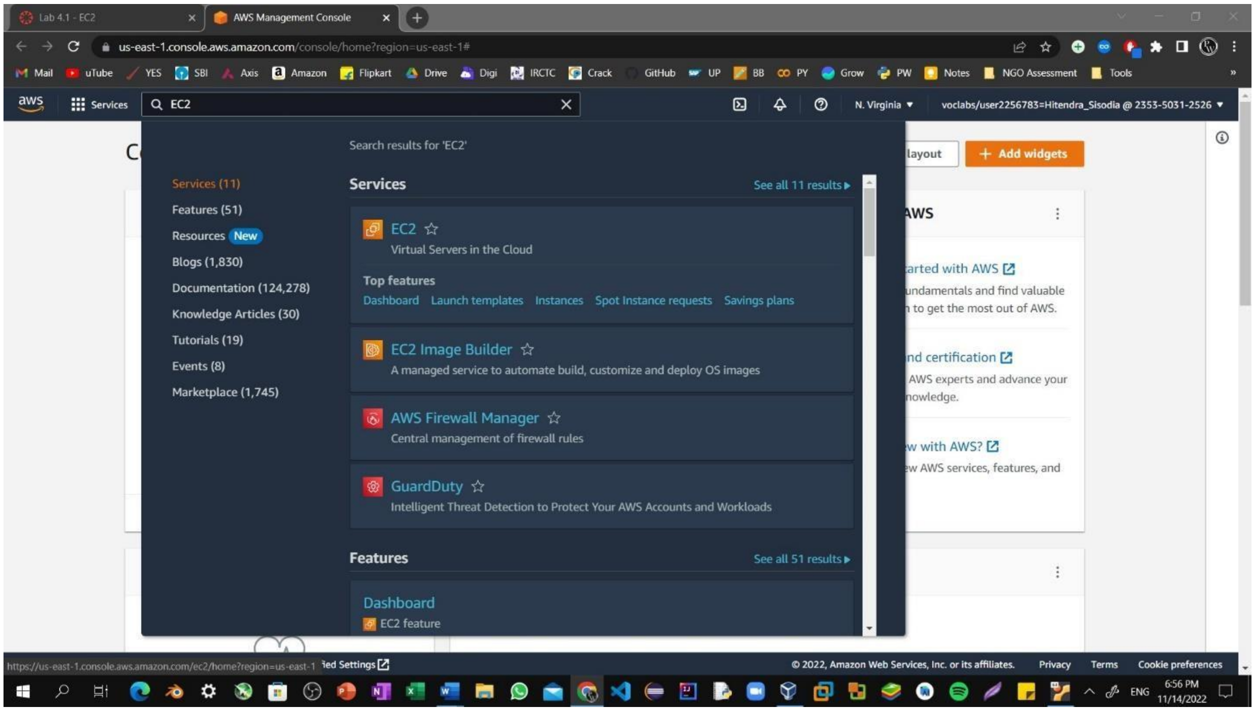
Lab overview

In this lab, you create an Amazon Elastic Compute Cloud (Amazon EC2) instance that hosts a simple website.

Duration

This lab requires approximately **30 minutes** to complete.

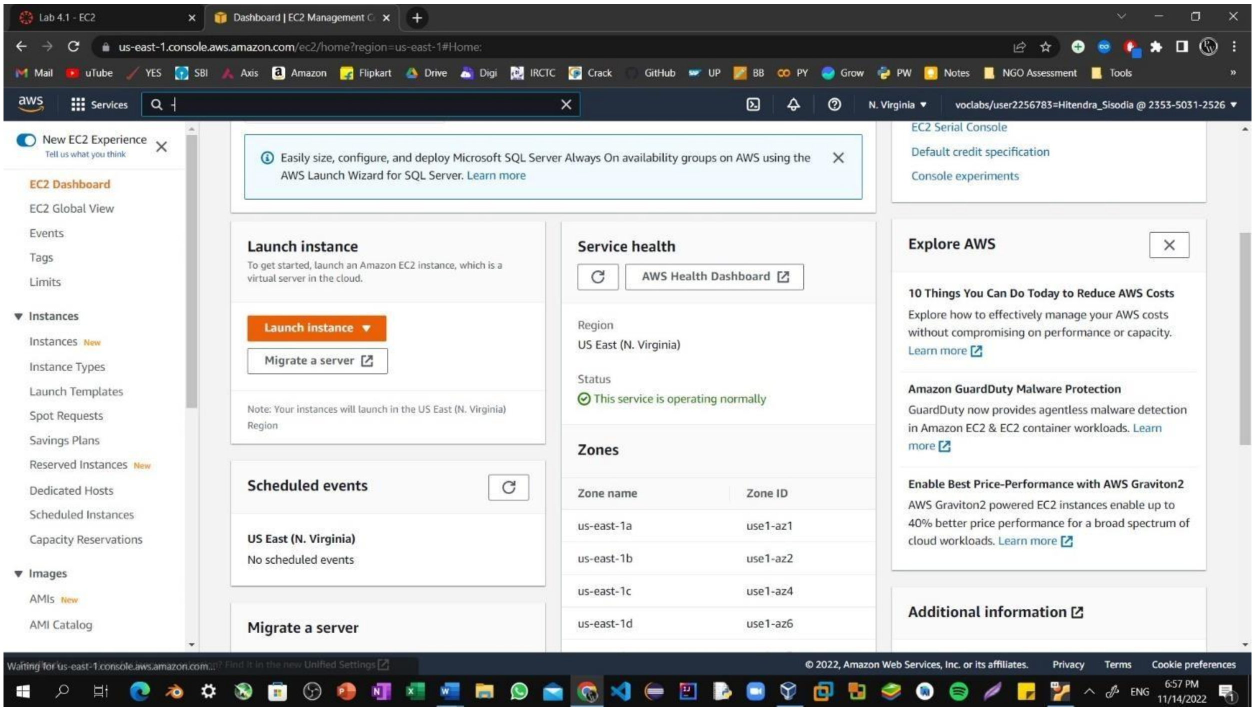
Step2: Choose the **Services** menu, locate the **Compute** services, and select **EC2**.


Lab 4.1 - EC2
AWS Management Console
us-east-1.console.aws.amazon.com/console/home?region=us-east-1#
Mail uTube YES SBI Axis Amazon Flipkart Drive Digi IRCTC Crack GitHub UP BB PY Grow PW Notes NGO Assessment Tools
aws
Services
EC2
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
Search results for 'EC2'
Services (11)
Features (51)
Resources New
Blogs (1,830)
Documentation (124,278)
Knowledge Articles (30)
Tutorials (19)
Events (8)
Marketplace (1,745)
Services
See all 11 results
EC2
Virtual Servers in the Cloud
Top features
Dashboard Launch templates Instances Spot Instance requests Savings plans
EC2 Image Builder
A managed service to automate build, customize and deploy OS images
AWS Firewall Manager
Central management of firewall rules
GuardDuty
Intelligent Threat Detection to Protect Your AWS Accounts and Workloads
Features
See all 51 results
Dashboard
EC2 feature
layout
+ Add widgets
AWS
arted with AWS
undamentals and find valuable
n to get the most out of AWS.
nd certification
AWS experts and advance your
nowledge.
w with AWS?
w AWS services, features, and
https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1
ied Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
ENG
6:56 PM
11/14/2022

Name: Hitendra Sisodia
Sap id: 500091910

Lab 10.1: Launching an EC2

Step3: Choose the **Launch instance** button in the middle of the page, and then select **Launch instance** from the dropdown menu.



Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. Learn more

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

Note: Your instances will launch in the US East (N. Virginia) Region

Region
US East (N. Virginia)

Status
This service is operating normally

Zone name	Zone ID
us-east-1a	use1-az1
us-east-1b	use1-az2
us-east-1c	use1-az4
us-east-1d	use1-az6

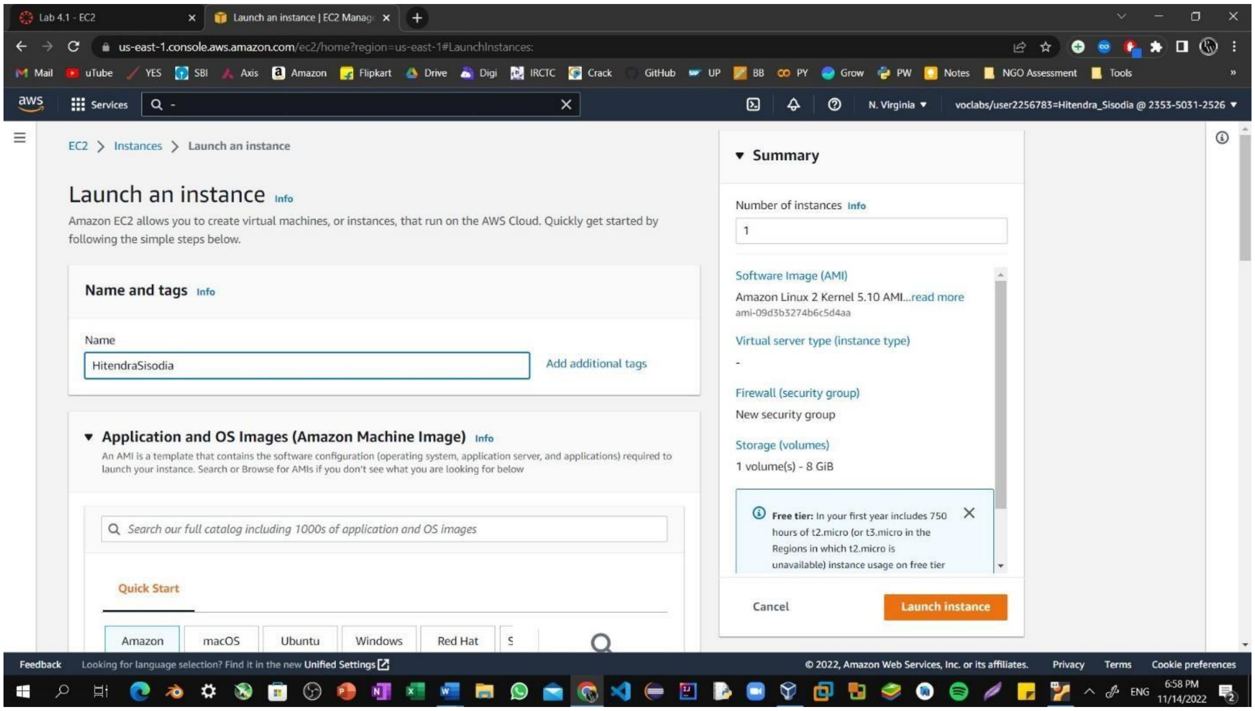
10 Things You Can Do Today to Reduce AWS Costs
Explore how to effectively manage your AWS costs without compromising on performance or capacity. Learn more

Amazon GuardDuty Malware Protection
GuardDuty now provides agentless malware detection in Amazon EC2 & EC2 container workloads. 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

US East (N. Virginia)
No scheduled events

Step4: Name the instance i.e, Hitendra Sisodia.



Lab 4.1 - EC2
Launch an instance | EC2 Manag
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Mail uTube YES SBI Axis Amazon Flipkart Drive Digi IRCTC Crack GitHub UP BB PY Grow PW Notes NGO Assessment Tools
aws Services
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
EC2 > Instances > Launch an instance
Info
Add additional tags
Quick Start
Amazon macOS Ubuntu Windows Red Hat
Cancel
Launch instance
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy Terms Cookie preferences
ENG 6:58 PM 11/14/2022

Launch an instance

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

Name: HitendraSisodia

Application and OS Images (Amazon Machine Image)

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

Summary

Number of instances: 1

Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09d3b3274b6c5d4aa

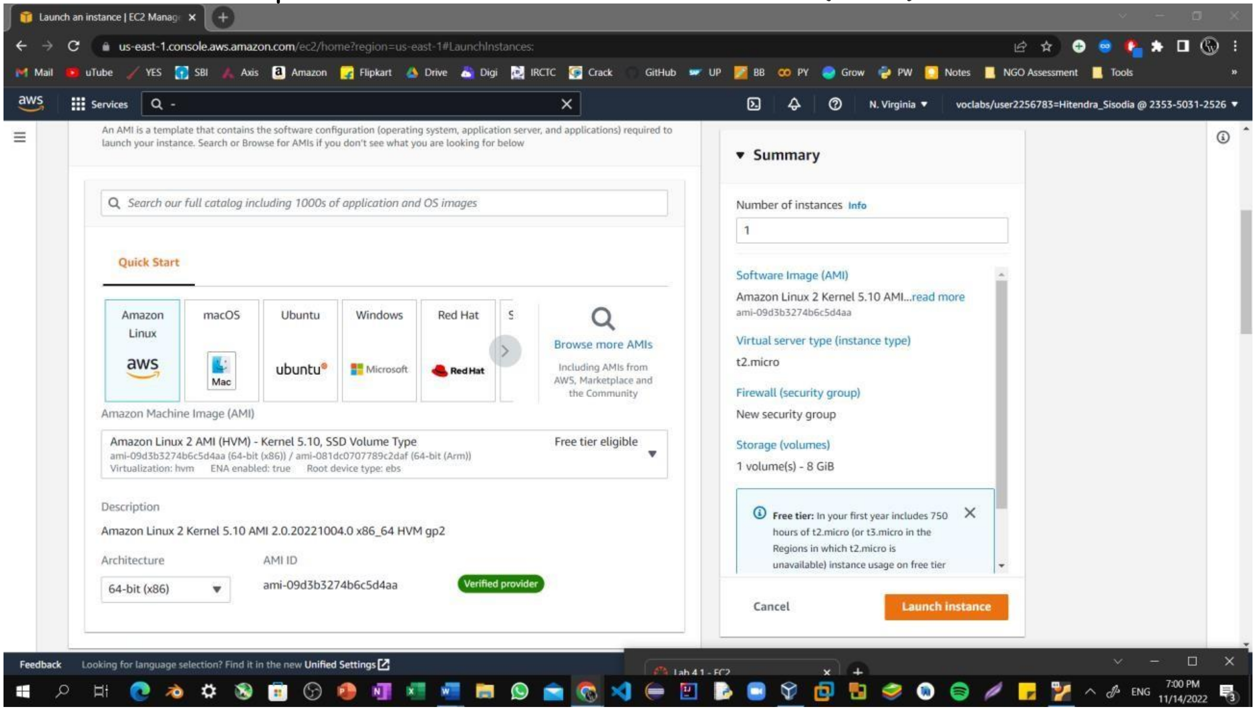
Virtual server type (instance type)
-

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

Step5: Choose an AMI from which to create the instance:
In the list of available *Quick Start* AMIs, keep the default **Amazon Linux AMI** selected. Also keep the default **Amazon Linux 2 AMI (HVM)** selected.



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

Amazon Machine Image (AMI)

Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type — Free tier eligible
ami-09d3b3274b6c5d4aa (64-bit (x86)) / ami-081dc0707789c2daf (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description
Amazon Linux 2 Kernel 5.10 AMI 2.0.20221004.0 x86_64 HVM gp2

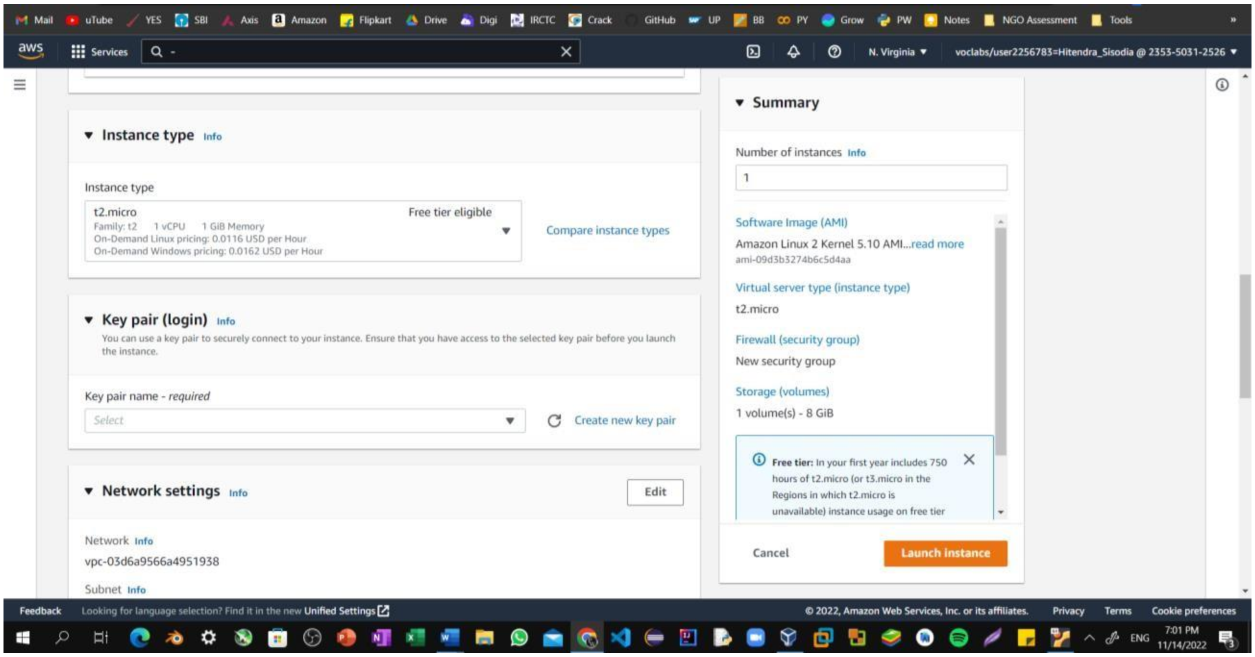
Architecture: 64-bit (x86)
AMI ID: ami-09d3b3274b6c5d4aa — Verified provider

Summary
Number of instances: 1
Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09d3b3274b6c5d4aa
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

Launch an instance | EC2 Manag
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
Search our full catalog including 1000s of application and OS images
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Cancel
Launch instance
Feedback
Looking for language selection? Find it in the new Unified Settings
7:00 PM
11/14/2022

Step6: Specify an Instance type: In the *Instance type* panel, keep the default **t2.micro** selected.



Instance type
t2.micro — Free tier eligible
Family: t2 1 vCPU 1 GiB Memory
On-Demand Linux pricing: 0.0116 USD per Hour
On-Demand Windows pricing: 0.0162 USD per Hour

Key pair (login)
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: Select

Network settings
Network: vpc-03d6a9566a4951938
Subnet

Summary
Number of instances: 1
Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09d3b3274b6c5d4aa
Virtual server type (instance type): t2.micro
Firewall (security group): New security group
Storage (volumes): 1 volume(s) - 8 GiB

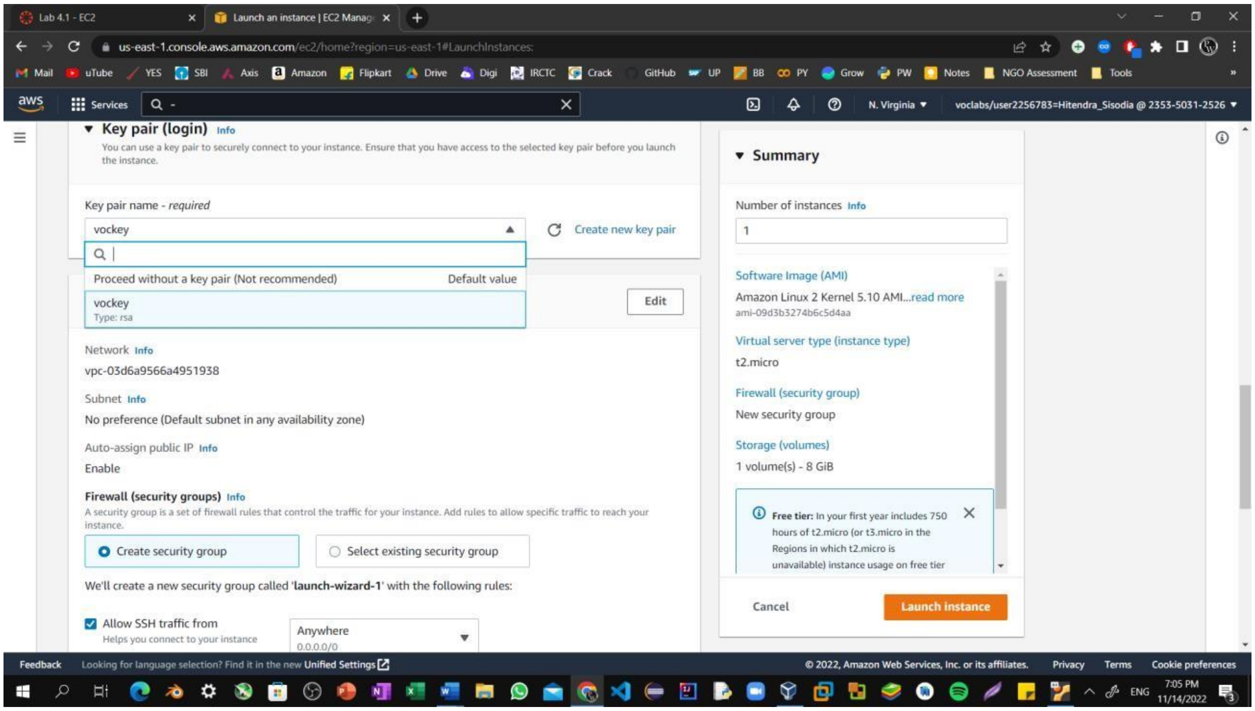
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier

Services
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
Info
Compare instance types
Create new key pair
Edit
Cancel
Launch instance
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
7:01 PM
11/14/2022

Name: Hitendra Sisodia
Sap id: 500091910

Lab 10.1: Launching an EC2

Step7: Select the key pair to associate with the instance. From the **Key pair name** menu, select **vockey**.



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*

vockey

Proceed without a key pair (Not recommended) — Default value

vockey
Type: rsa

Network Info
vpc-03d6a9566a4951938

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

Auto-assign public IP Info
Enable

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group ○ Select existing security group

We'll create a new security group called '**launch-wizard-1**' with the following rules:

☑ Allow SSH traffic from — Anywhere 0.0.0.0/0
Helps you connect to your instance

Summary

Number of instances Info: 1

Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09d3b3274b6c5d4aa

Virtual server type (instance type): t2.micro

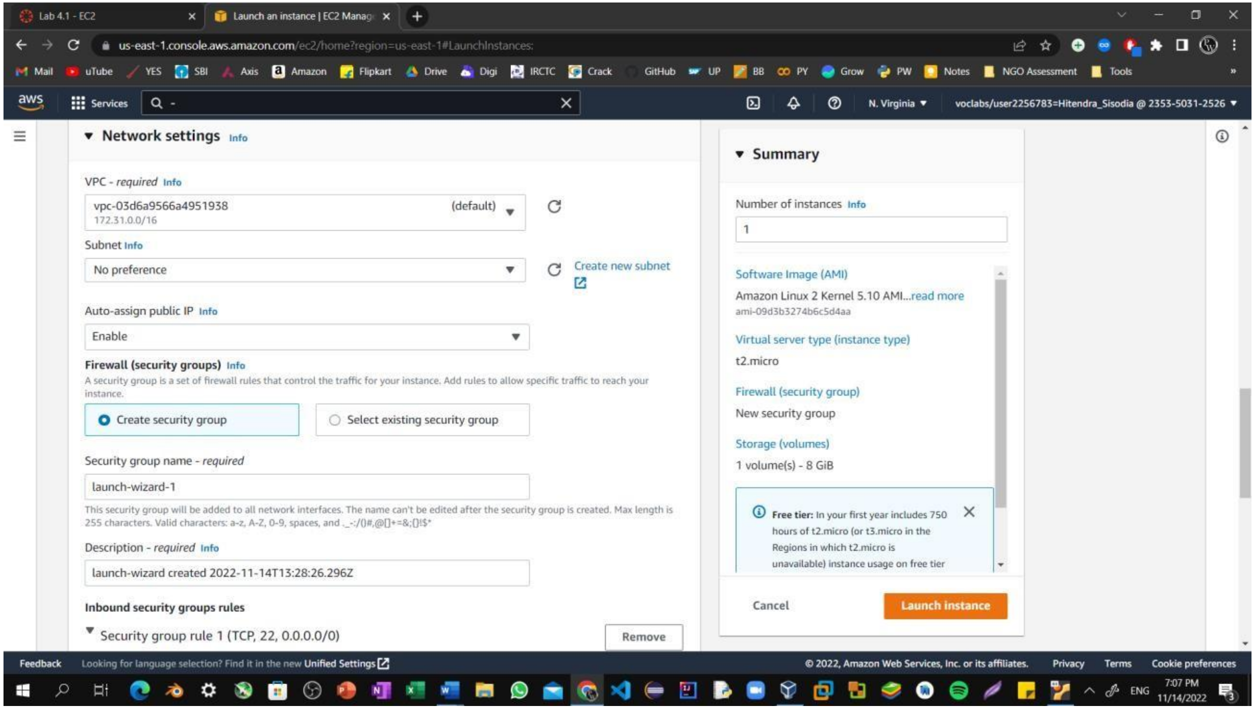
Firewall (security group): New security group

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

Lab 4.1 - EC2
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
Create new key pair
Edit
Cancel
Launch instance
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
7:05 PM
11/14/2022

Step8: Next to Network settings, choose **Edit**. Keep the default *VPC* and *subnet* settings. Also keep the **Auto-assign public IP** setting set to **Enable**.



Network settings Info

VPC - *required* Info
vpc-03d6a9566a4951938 (default)
172.31.0.0/16

Subnet Info
No preference

Auto-assign public IP Info
Enable

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group ○ Select existing security group

Security group name - *required*
launch-wizard-1
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*

Description - *required* Info
launch-wizard created 2022-11-14T13:28:26.296Z

Inbound security groups rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)

Summary

Number of instances Info: 1

Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more
ami-09d3b3274b6c5d4aa

Virtual server type (instance type): t2.micro

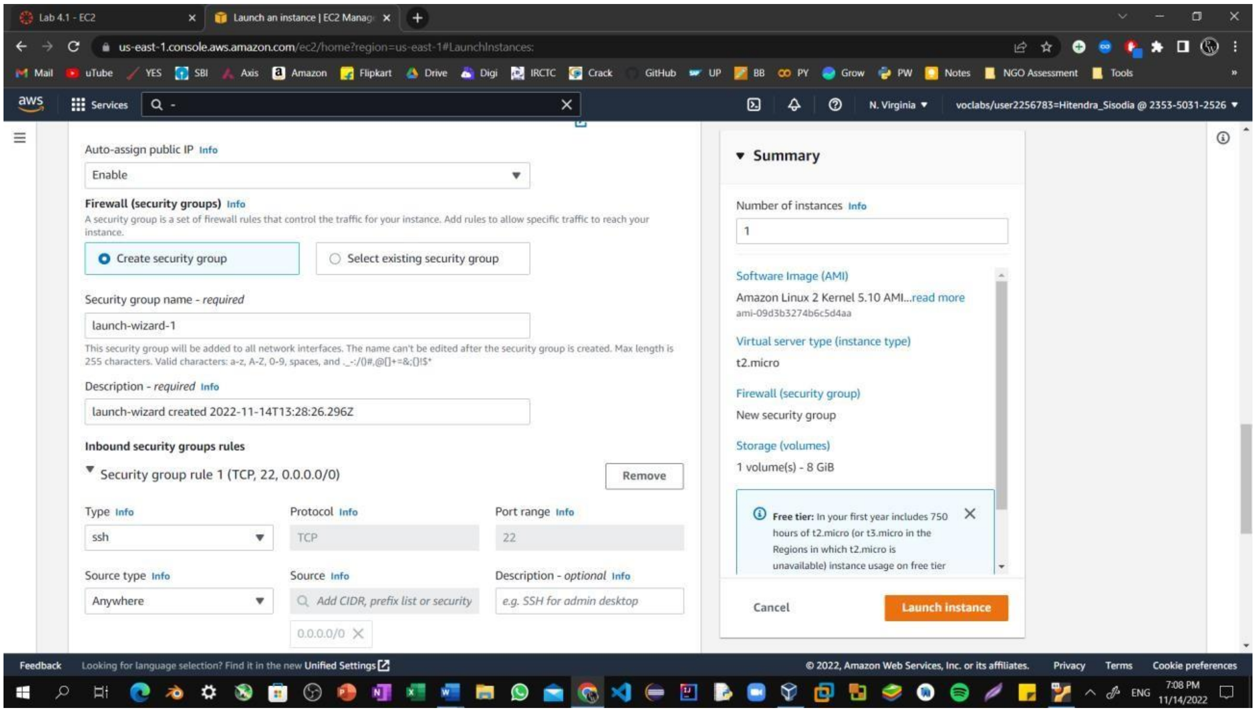
Firewall (security group): New security group

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

Lab 4.1 - EC2
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
Create new subnet
Remove
Cancel
Launch instance
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
7:07 PM
11/14/2022

Step9: Under *Firewall (security groups)*, keep the default **Create security group** option chosen.



Auto-assign public IP Info

Enable

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group ○ Select existing security group

Security group name - *required*

launch-wizard-1

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*

Description - *required* Info

launch-wizard created 2022-11-14T13:28:26.296Z

Inbound security groups rules

Security group rule 1 (TCP, 22, 0.0.0.0/0)

Type	Protocol	Port range
ssh	TCP	22

Source type	Source	Description - *optional*
Anywhere	Add CIDR, prefix list or security 0.0.0.0/0	e.g. SSH for admin desktop

Summary

Number of instances: 1

Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more ami-09d3b3274b6c5d4aa

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

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

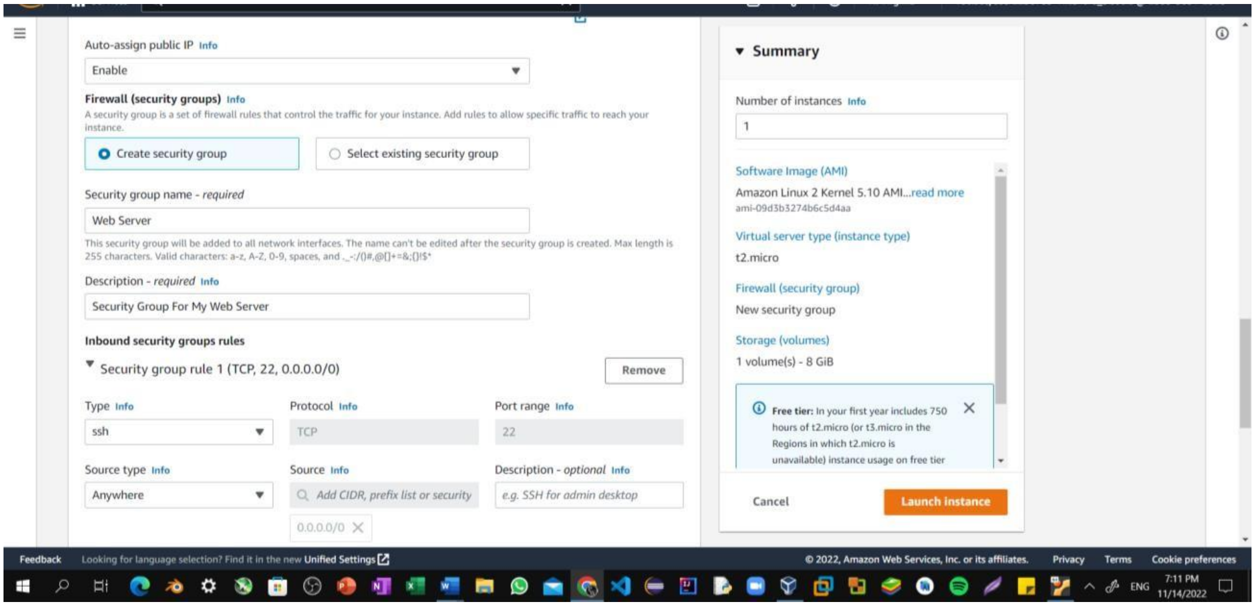
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier

Step10: Configure a new security group:

Keep the default selection **Create a new security group**.

Security group name: Clear the text and enter Web Server.

Description: Clear the text and enter Security group for my web server.



Auto-assign public IP Info

Enable

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

● Create security group ○ Select existing security group

Security group name - *required*

Web Server

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*

Description - *required* Info

Security Group For My Web Server

Inbound security groups rules

Security group rule 1 (TCP, 22, 0.0.0.0/0)

Type	Protocol	Port range
ssh	TCP	22

Source type	Source	Description - *optional*
Anywhere	Add CIDR, prefix list or security 0.0.0.0/0	e.g. SSH for admin desktop

Summary

Number of instances: 1

Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more ami-09d3b3274b6c5d4aa

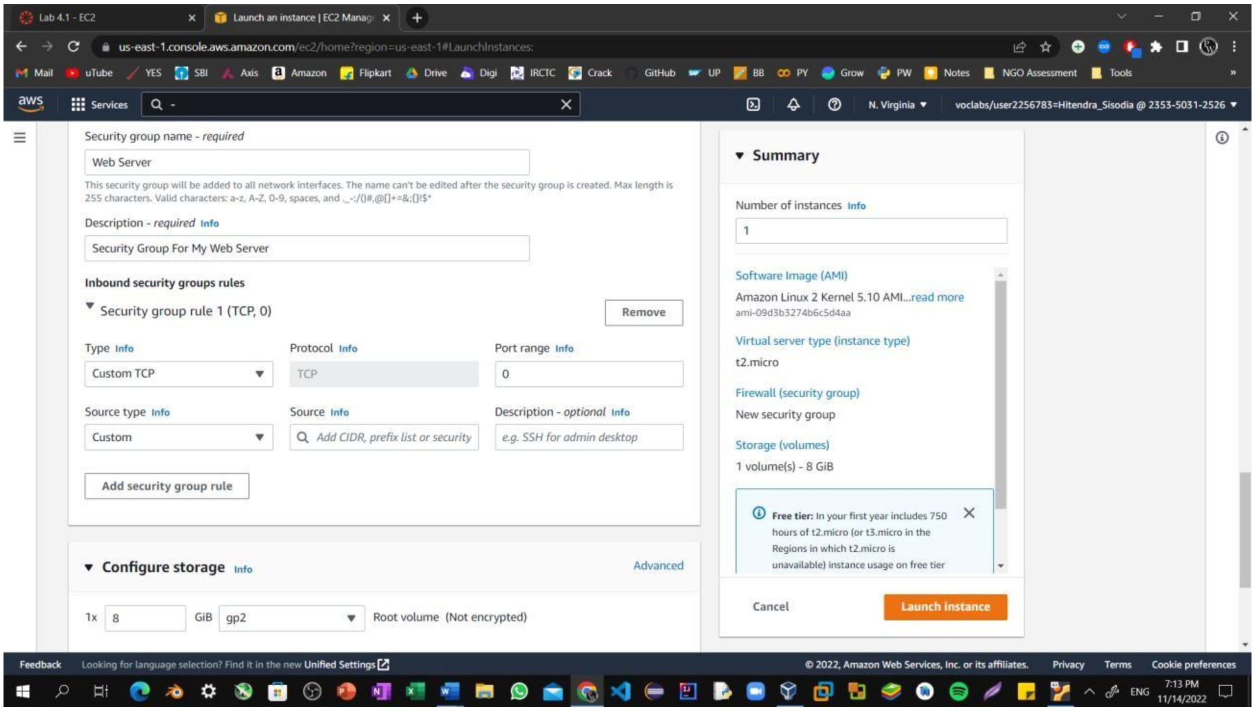
Virtual server type (instance type): t2.micro

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

Step11: Choose **Remove** to remove the default SSH inbound rule.



Security group name - *required*

Web Server

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*

Description - *required* Info

Security Group For My Web Server

Inbound security groups rules

Security group rule 1 (TCP, 0) Remove

Type	Protocol	Port range
Custom TCP	TCP	0

Source type	Source	Description - *optional*
Custom	Add CIDR, prefix list or security	e.g. SSH for admin desktop

Add security group rule

Configure storage Info — Advanced

1x 8 GiB gp2 Root volume (Not encrypted)

Summary

Number of instances: 1

Software Image (AMI): Amazon Linux 2 Kernel 5.10 AMI...read more ami-09d3b3274b6c5d4aa

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

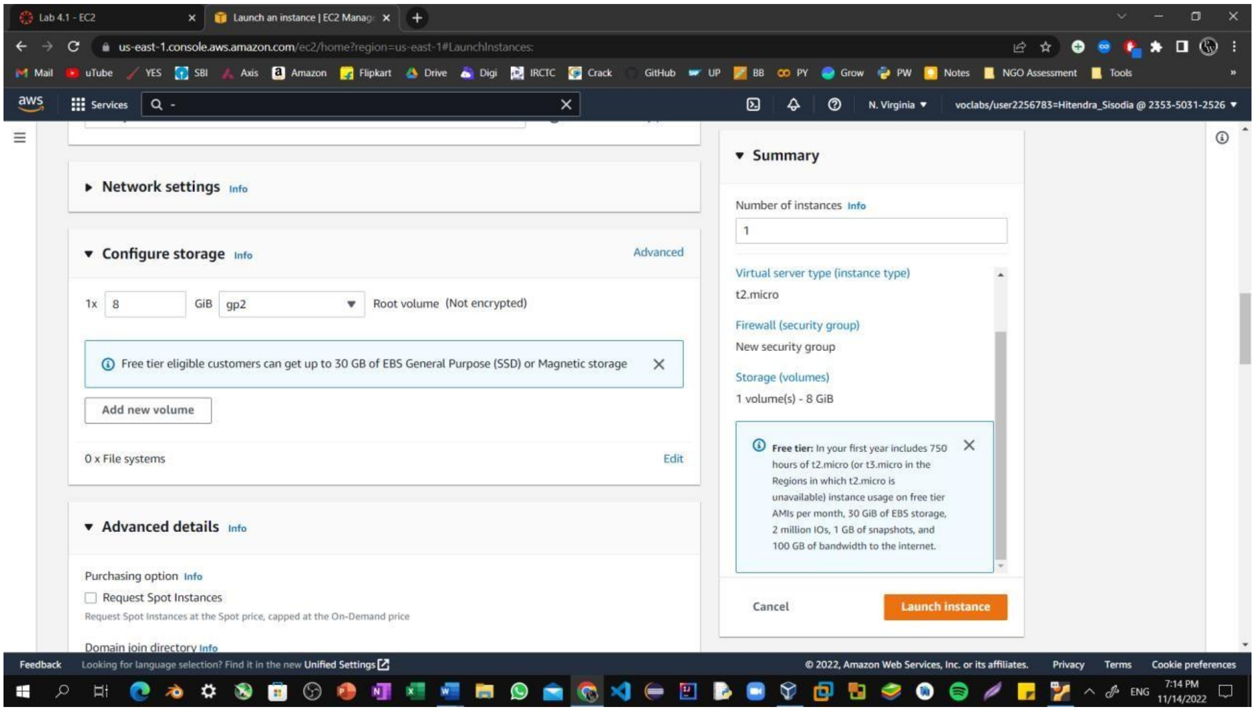
Storage (volumes): 1 volume(s) - 8 GiB

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

Cancel — Launch instance

Lab 4.1 - EC2
Launch an instance | EC2 Manag
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
7:13 PM
11/14/2022

Step12: In the *Configure storage* section, keep the default settings. You will launchthe Amazon EC2 instance using a default Elastic Block Store (EBS) disk volume.



Network settings Info

Configure storage Info — Advanced

1x 8 GiB gp2 Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

0 x File systems — Edit

Advanced details Info

Purchasing option Info

□ Request Spot Instances

Request Spot Instances at the Spot price, capped at the On-Demand price

Domain join directory Info

Summary

Number of instances: 1

Virtual server type (instance type): t2.micro

Firewall (security group): New security group

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

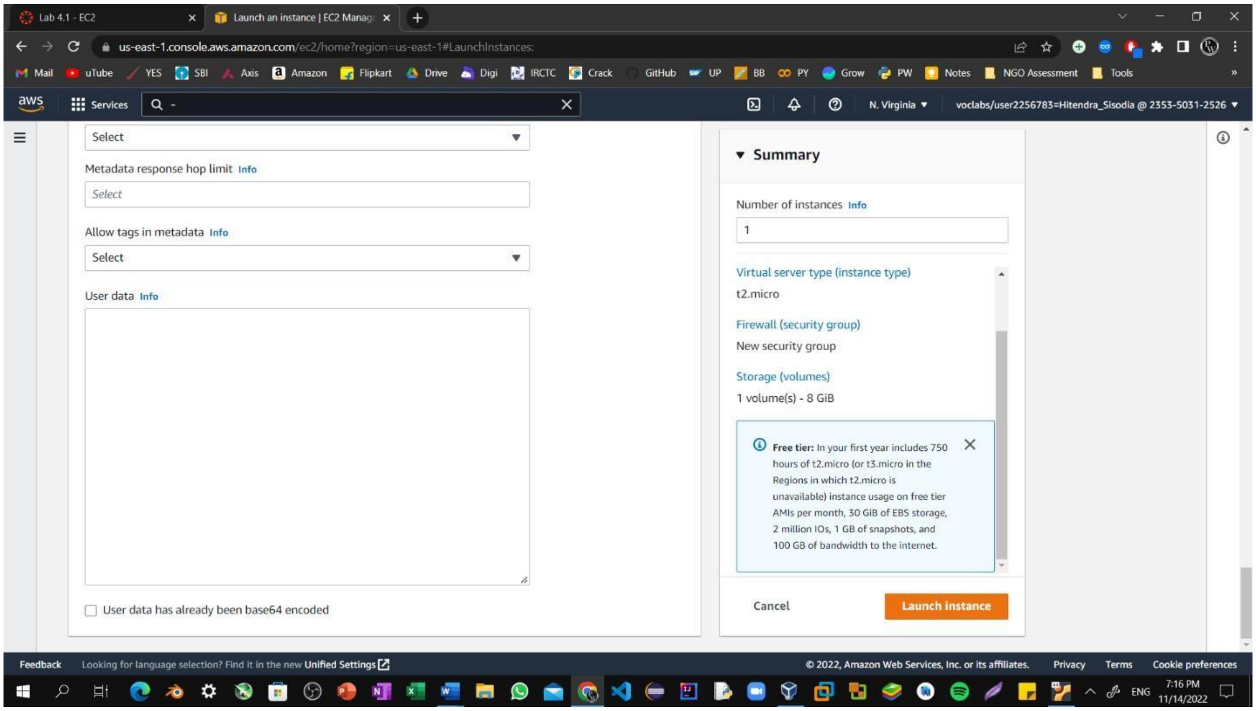
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel — Launch instance

Lab 4.1 - EC2
Launch an instance | EC2 Manag
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences
7:14 PM
11/14/2022

Step13: Configure a script to run on the instance when it launches:

- Expand the **Advanced details** panel.



Select

Metadata response hop limit Info

Select

Allow tags in metadata Info

Select

User data Info

□ User data has already been base64 encoded

Summary

Number of instances Info

1

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

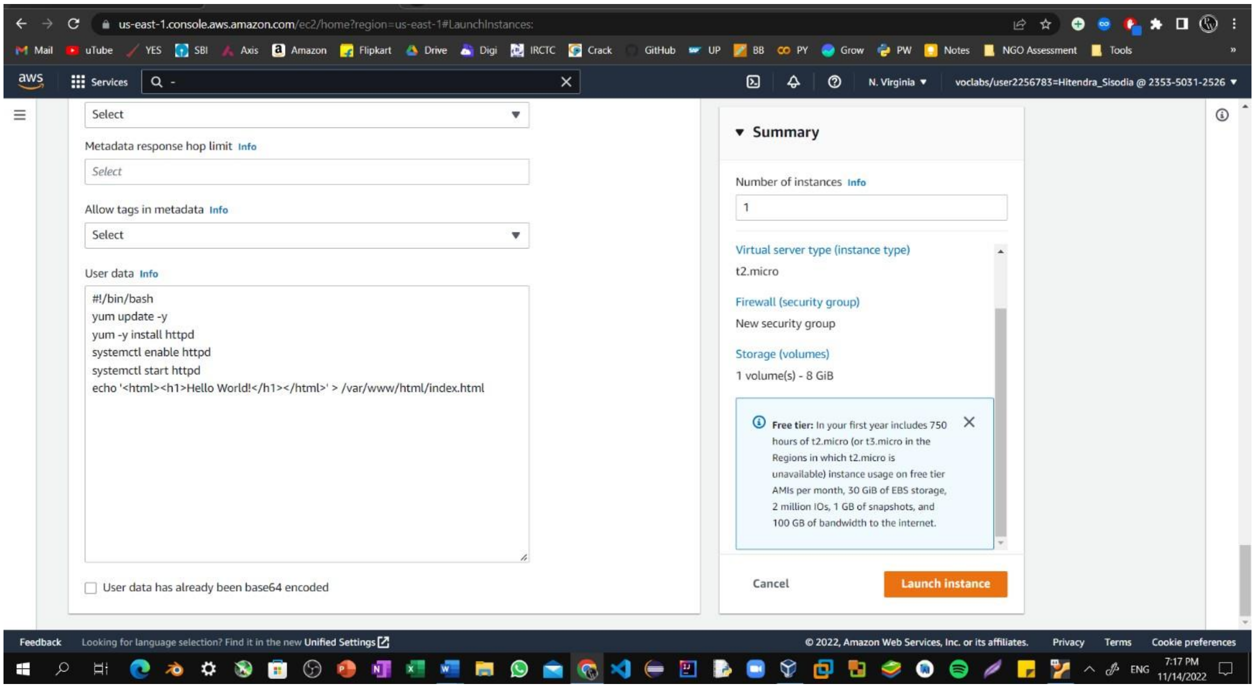
Storage (volumes)

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 snapshots, and 100 GB of bandwidth to the internet.

Cancel
Launch instance
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
7:16 PM
11/14/2022

Step14: Scroll to the bottom of the page and then copy and paste the code shownbelow into the **User data** box.



Select

Metadata response hop limit Info

Select

Allow tags in metadata Info

Select

User data Info

```
#!/bin/bash
yum update -y
yum -y install httpd
systemctl enable httpd
systemctl start httpd
echo '<html><h1>Hello World!</h1></html>' > /var/www/html/index.html
```

□ User data has already been base64 encoded

Summary

Number of instances Info

1

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

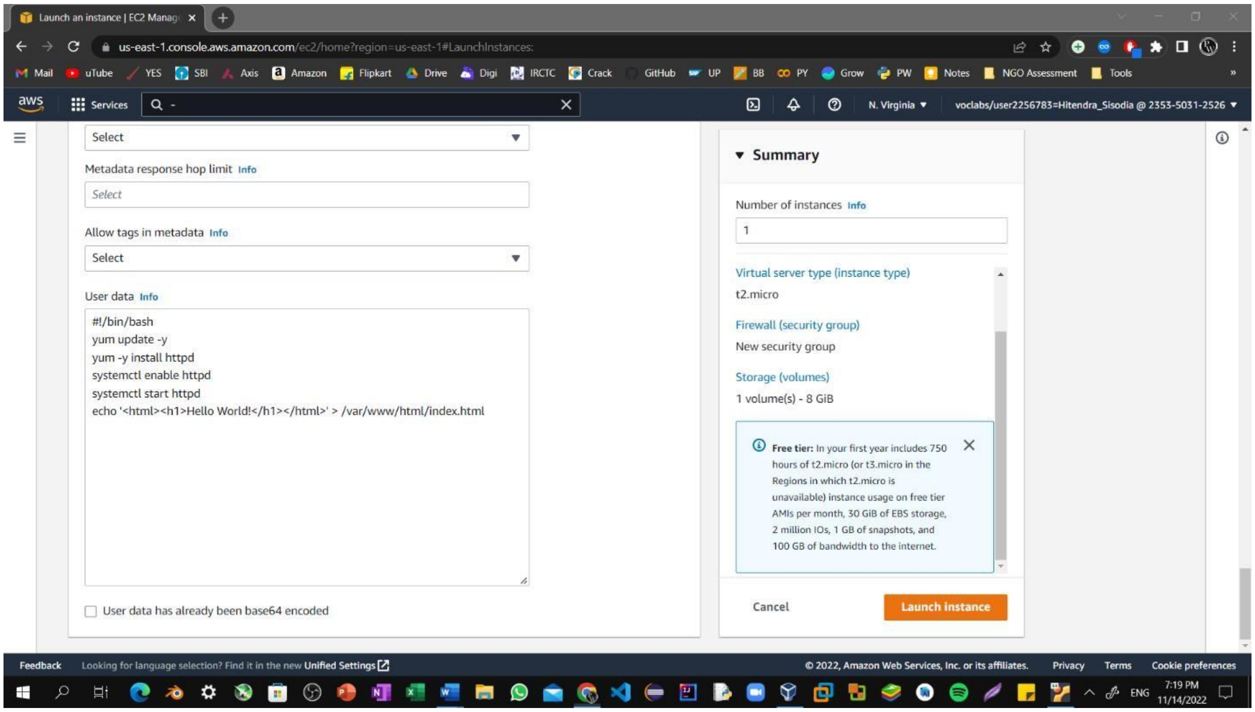
Storage (volumes)

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 snapshots, and 100 GB of bandwidth to the internet.

Cancel
Launch instance
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
7:17 PM
11/14/2022

Step15: At the bottom of the **Summary** panel on the right side of the screenchoose Launch Instances. You will see a Success message.



Metadata response hop limit Info
Select

Allow tags in metadata Info
Select

User data Info

```
#!/bin/bash
yum update -y
yum -y install httpd
systemctl enable httpd
systemctl start httpd
echo '<html><h1>Hello World!</h1></html>' > /var/www/html/index.html
```

□ User data has already been base64 encoded

Summary

Number of instances Info
1

Virtual server type (instance type)
t2.micro

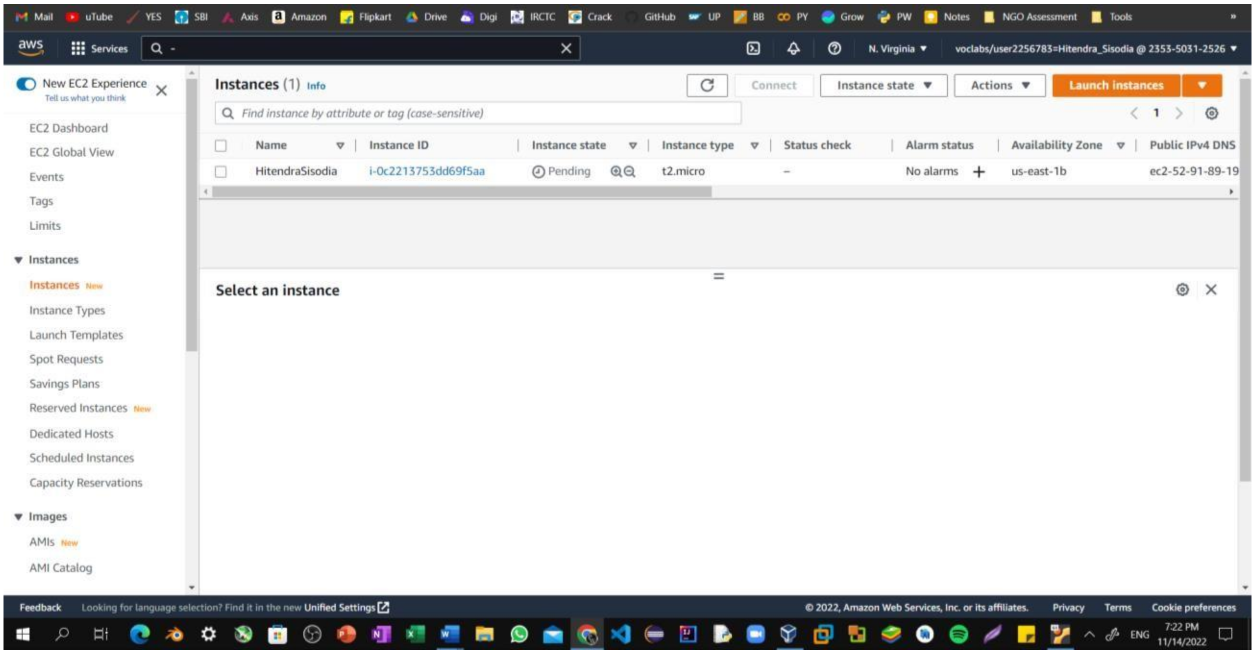
Firewall (security group)
New security group

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 snapshots, and 100 GB of bandwidth to the internet.

Cancel | Launch instance

Step16: The instance will first appear in the *Pending* state, which means it is being launched. The state will then change to *Running*, which indicates that the instance has started booting. It takes a few minutes for the instance to boot.

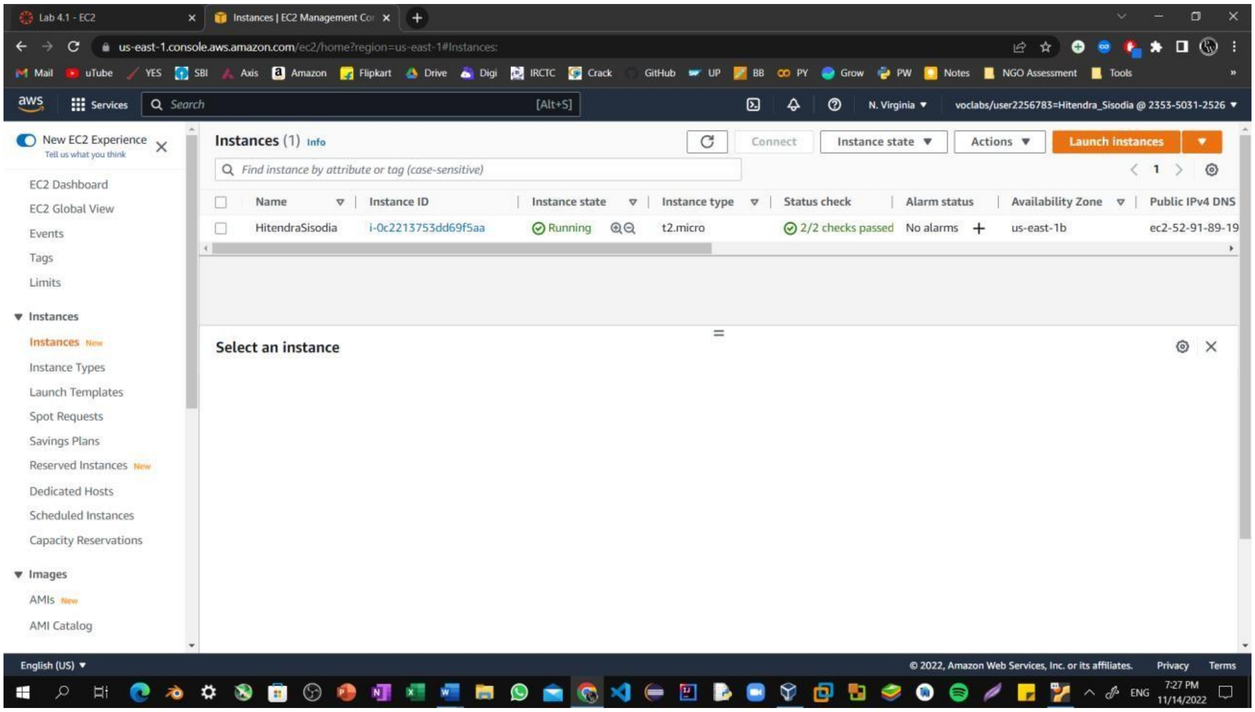


Instances (1) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
HitendraSisodia	i-0c2213753dd69f5aa	Pending	t2.micro	–	No alarms	us-east-1b	ec2-52-91-89-19

Select an instance

Step17: Before you continue, wait for your instance to display the following:
Instance state: *Running*
Status check: *2/2 checks passed*

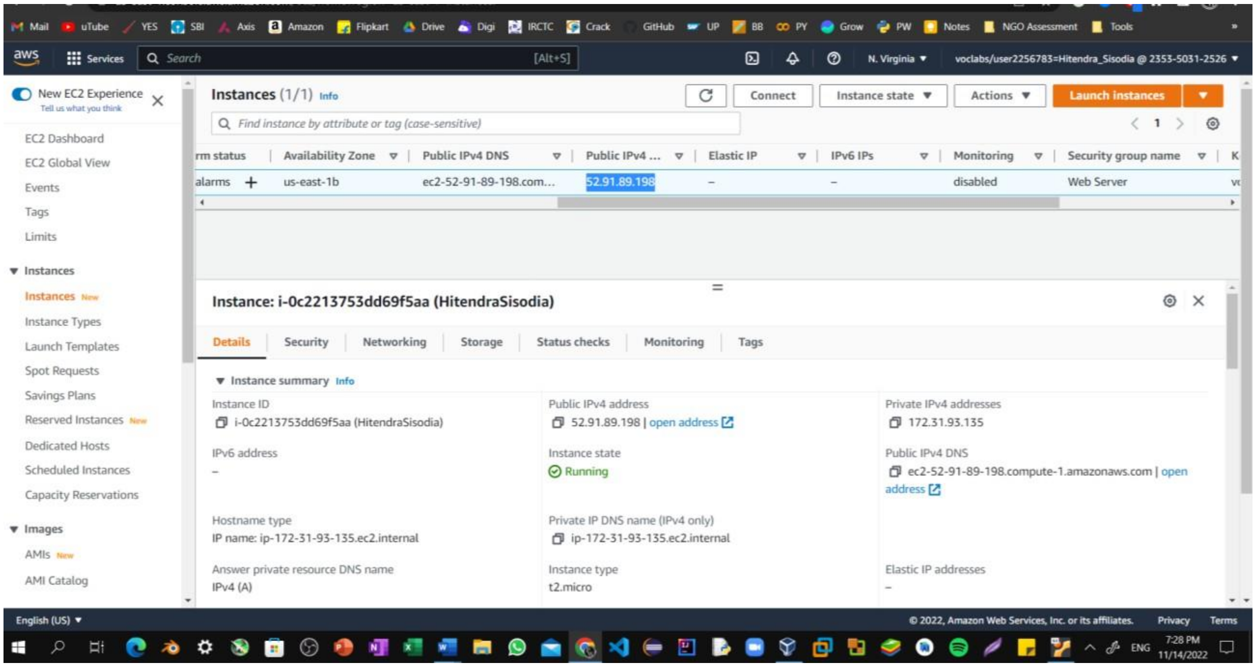


Instances (1) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
HitendraSisodia	i-0c2213753dd69f5aa	Running	t2.micro	2/2 checks passed	No alarms	us-east-1b	ec2-52-91-89-19

Select an instance

Step18: From the **Details** tab, copy the **Public IPv4 address** value of your instance to your clipboard.



Instances (1/1) Info

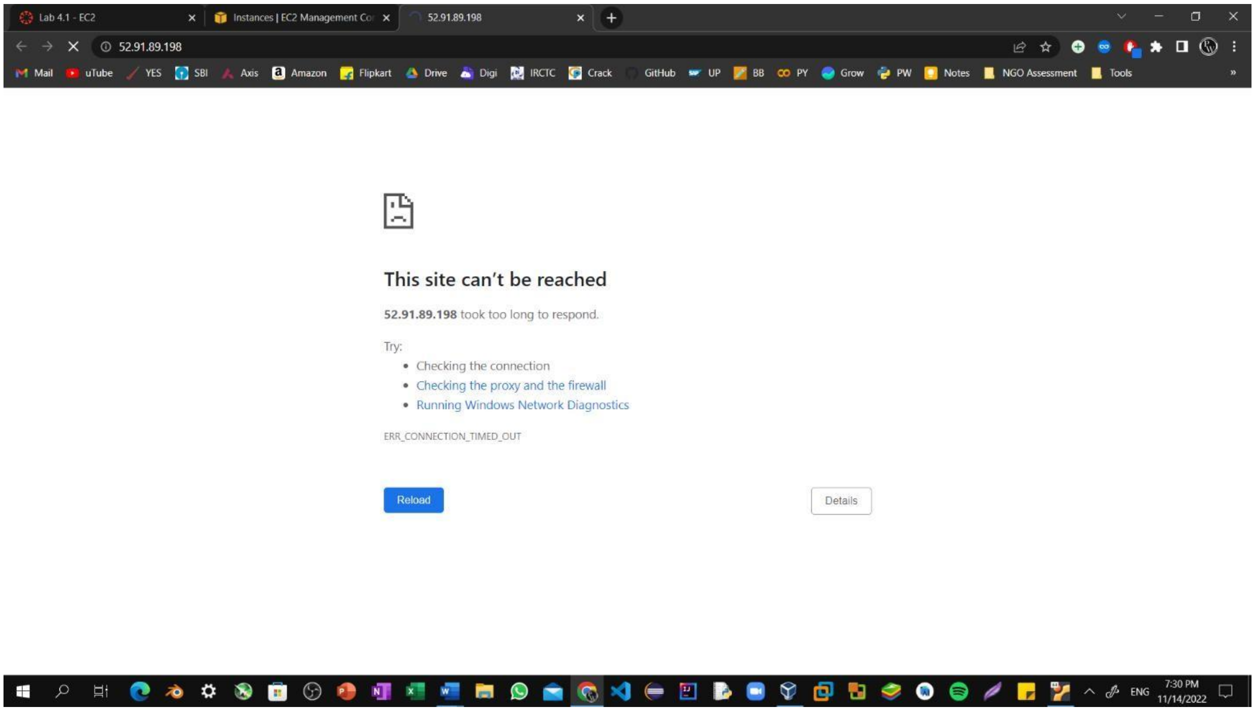
rm status	Availability Zone	Public IPv4 DNS	Public IPv4 ...	Elastic IP	IPv6 IPs	Monitoring	Security group name
alarms	us-east-1b	ec2-52-91-89-198.com...	52.91.89.198	–	–	disabled	Web Server

Instance: i-0c2213753dd69f5aa (HitendraSisodia)

Instance summary Info

Instance ID: i-0c2213753dd69f5aa (HitendraSisodia)
Public IPv4 address: 52.91.89.198 | open address
Private IPv4 addresses: 172.31.93.135
IPv6 address: –
Instance state: Running
Public IPv4 DNS: ec2-52-91-89-198.compute-1.amazonaws.com | open address
Hostname type: IP name: ip-172-31-93-135.ec2.internal
Private IP DNS name (IPv4 only): ip-172-31-93-135.ec2.internal
Answer private resource DNS name: IPv4 (A)
Instance type: t2.micro
Elastic IP addresses: –

Step19: Open a new tab in your web browser, paste the public IP address you just copied, and press **Enter**.
The webpage does not load. You must update the security group to be able to access the page.



This site can't be reached

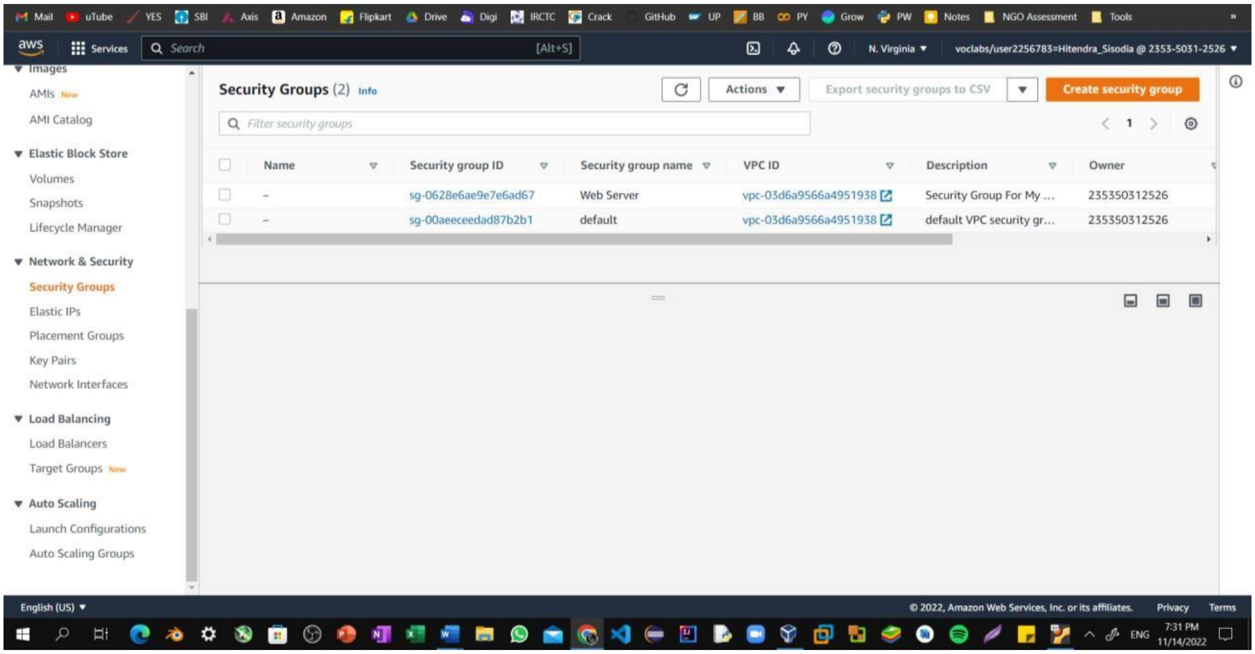
52.91.89.198 took too long to respond.

Try:

- Checking the connection
- Checking the proxy and the firewall
- Running Windows Network Diagnostics

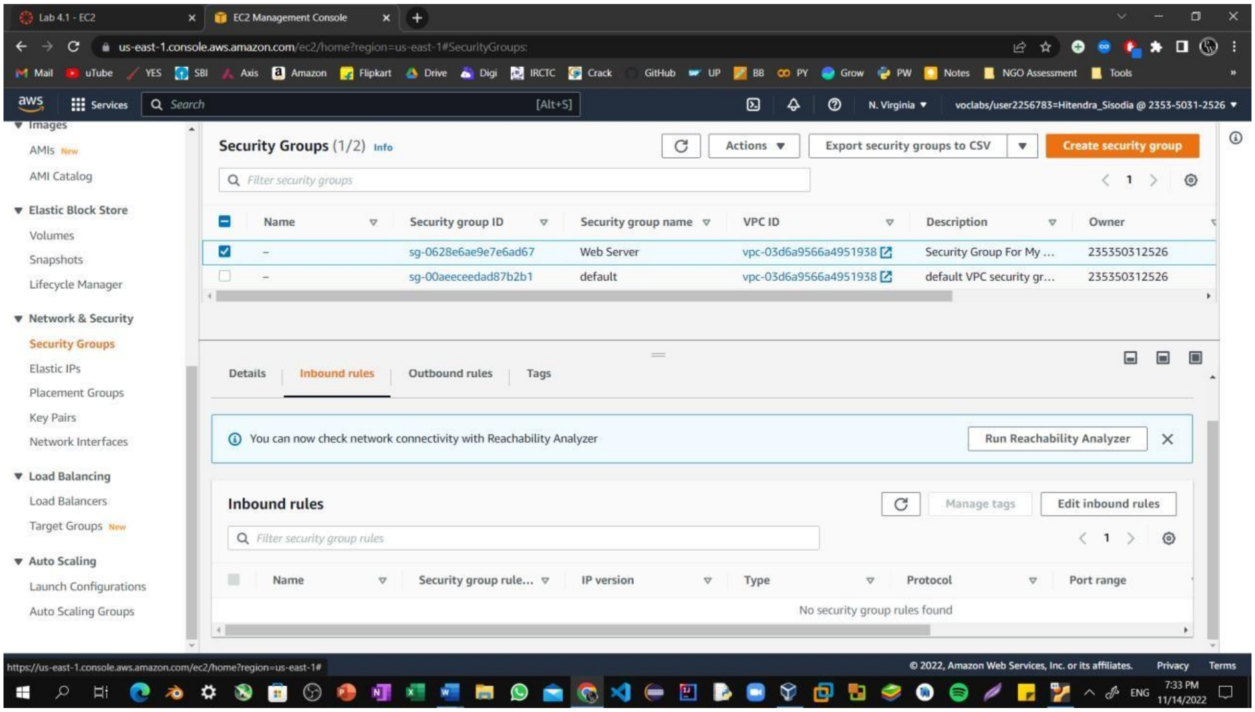
ERR_CONNECTION_TIMED_OUT

Step20: Return to the **EC2 Management Console** browser tab. In the left navigation pane, under **Network & Security**, choose **Security Groups**.



□	Name	Security group ID	Security group name	VPC ID	Description	Owner
□	–	sg-0628e6ae9e7e6ad67	Web Server	vpc-03d6a9566a4951938	Security Group For My ...	235350312526
□	–	sg-00aeeceedad87b2b1	default	vpc-03d6a9566a4951938	default VPC security gr...	235350312526

Step21: Select the **Web Server** security group, which you created when launching your EC2 instance. In the lower pane, choose the **Inbound rules** tab.



Security Groups (1/2) Info

	Name	Security group ID	Security group name	VPC ID	Description	Owner
☑	–	sg-0628e6ae9e7e6ad67	Web Server	vpc-03d6a9566a4951938	Security Group For My ...	235350312526
□	–	sg-00aeeceedad87b2b1	default	vpc-03d6a9566a4951938	default VPC security gr...	235350312526

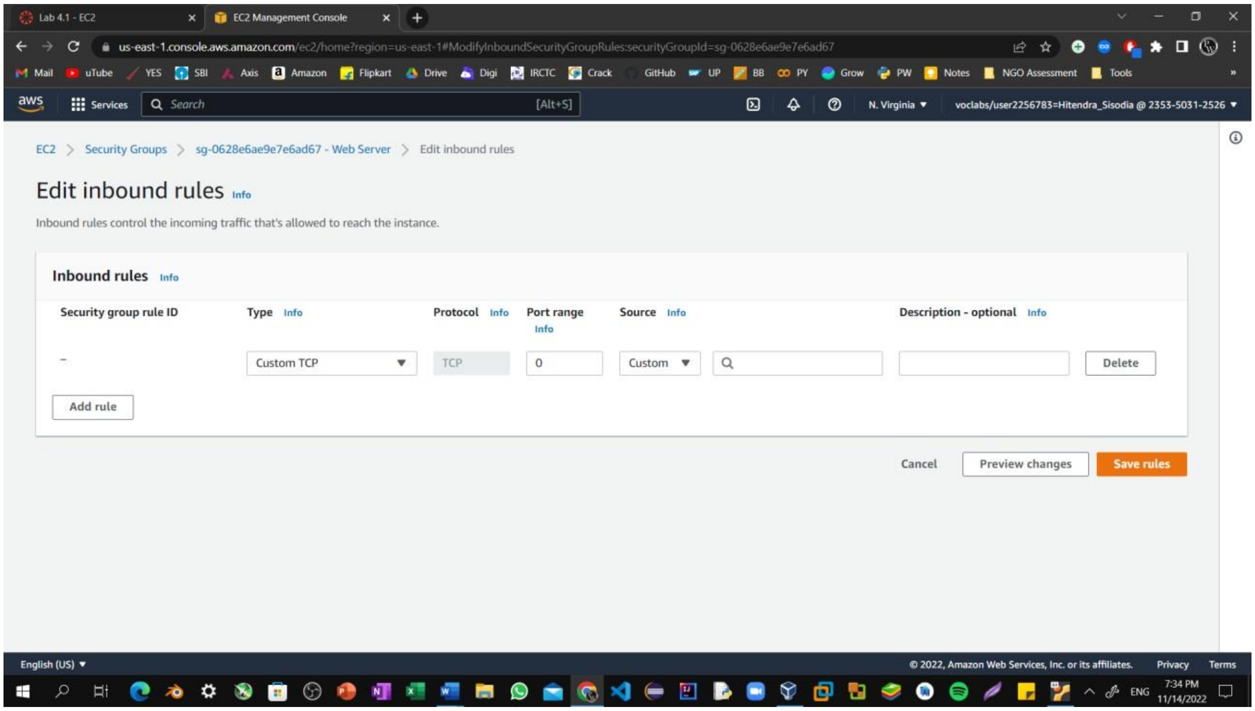
You can now check network connectivity with Reachability Analyzer

Inbound rules

Name	Security group rule...	IP version	Type	Protocol	Port range

No security group rules found

Step22: Choose **Edit inbound rules**, and then choose **Add rule**.


Lab 4.1 - EC2
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-0628e6ae9e7e6ad67
Services
Search [Alt+S]
N. Virginia
voclabs/user2256783=Hitendra_Sisodia @ 2353-5031-2526
EC2 > Security Groups > sg-0628e6ae9e7e6ad67 - Web Server > Edit inbound rules
Delete
Add rule
Cancel
Preview changes
Save rules
English (US)
© 2022, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
7:34 PM
11/14/2022

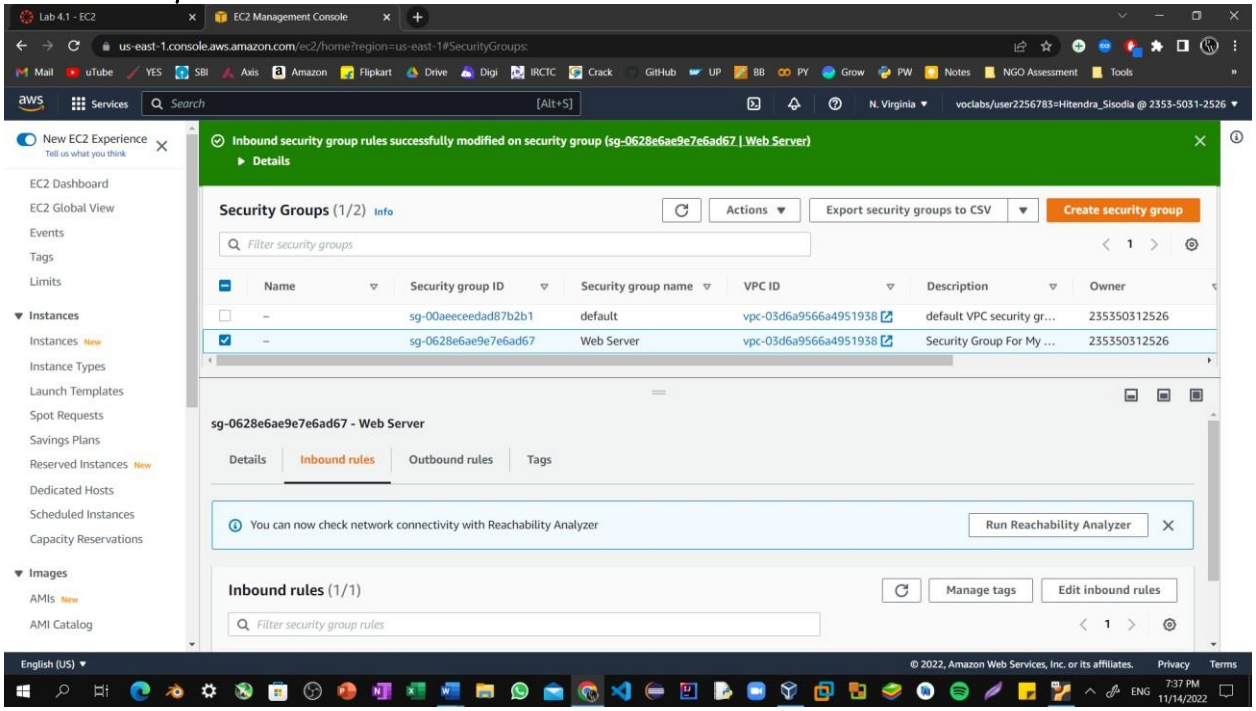
Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules Info

Security group rule ID	Type	Protocol	Port range	Source		Description - optional
–	Custom TCP	TCP	0	Custom		

Step23: Configure the following:
Type: HTTP
Source: Anywhere-IPv4 Choose **Save rules**



Inbound security group rules successfully modified on security group (sg-0628e6ae9e7e6ad67 | Web Server)
▶ Details

Security Groups (1/2) Info

Filter security groups

☐	Name	Security group ID	Security group name	VPC ID	Description	Owner
☐	–	sg-00aeeceedad87b2b1	default	vpc-03d6a9566a4951938	default VPC security gr...	235350312526
☑	–	sg-0628e6ae9e7e6ad67	Web Server	vpc-03d6a9566a4951938	Security Group For My ...	235350312526

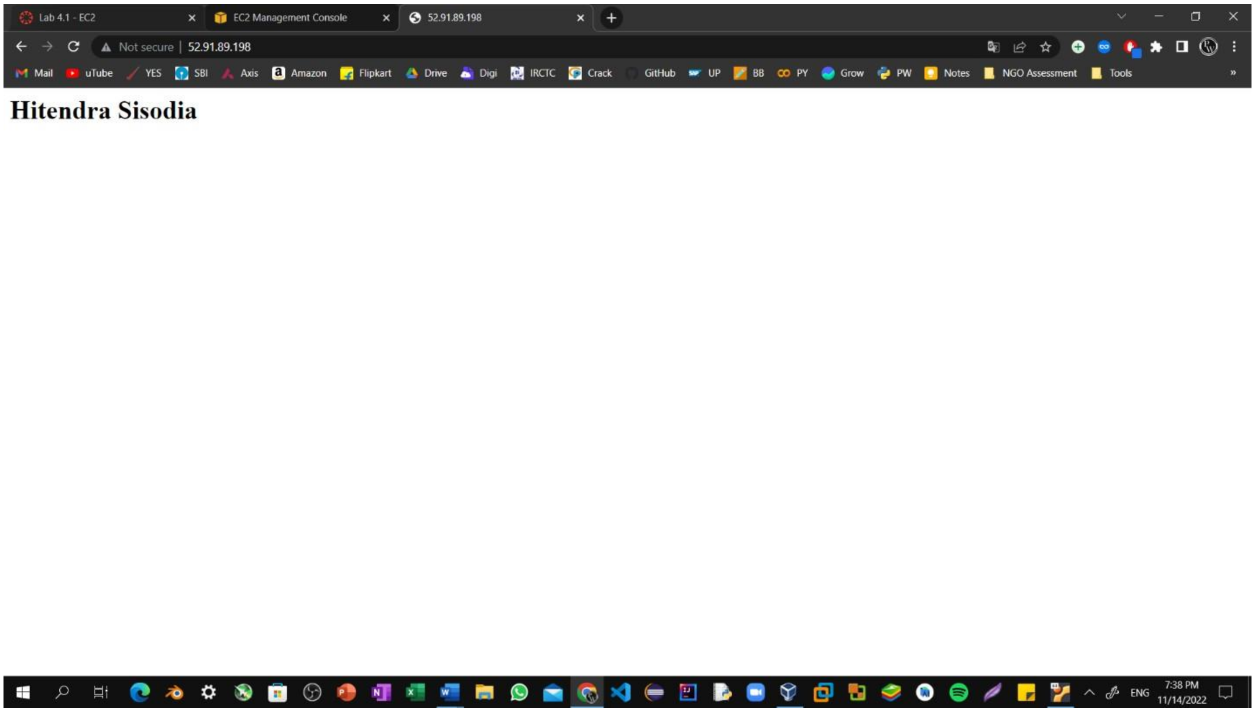
sg-0628e6ae9e7e6ad67 - Web Server

You can now check network connectivity with Reachability Analyzer

Inbound rules (1/1)

Filter security group rules

Step24: Return to the tab that you used to try to connect to the web server. The page should display the message *Hitendra Sisodia.*



Not secure | 52.91.89.198

Hitendra Sisodia