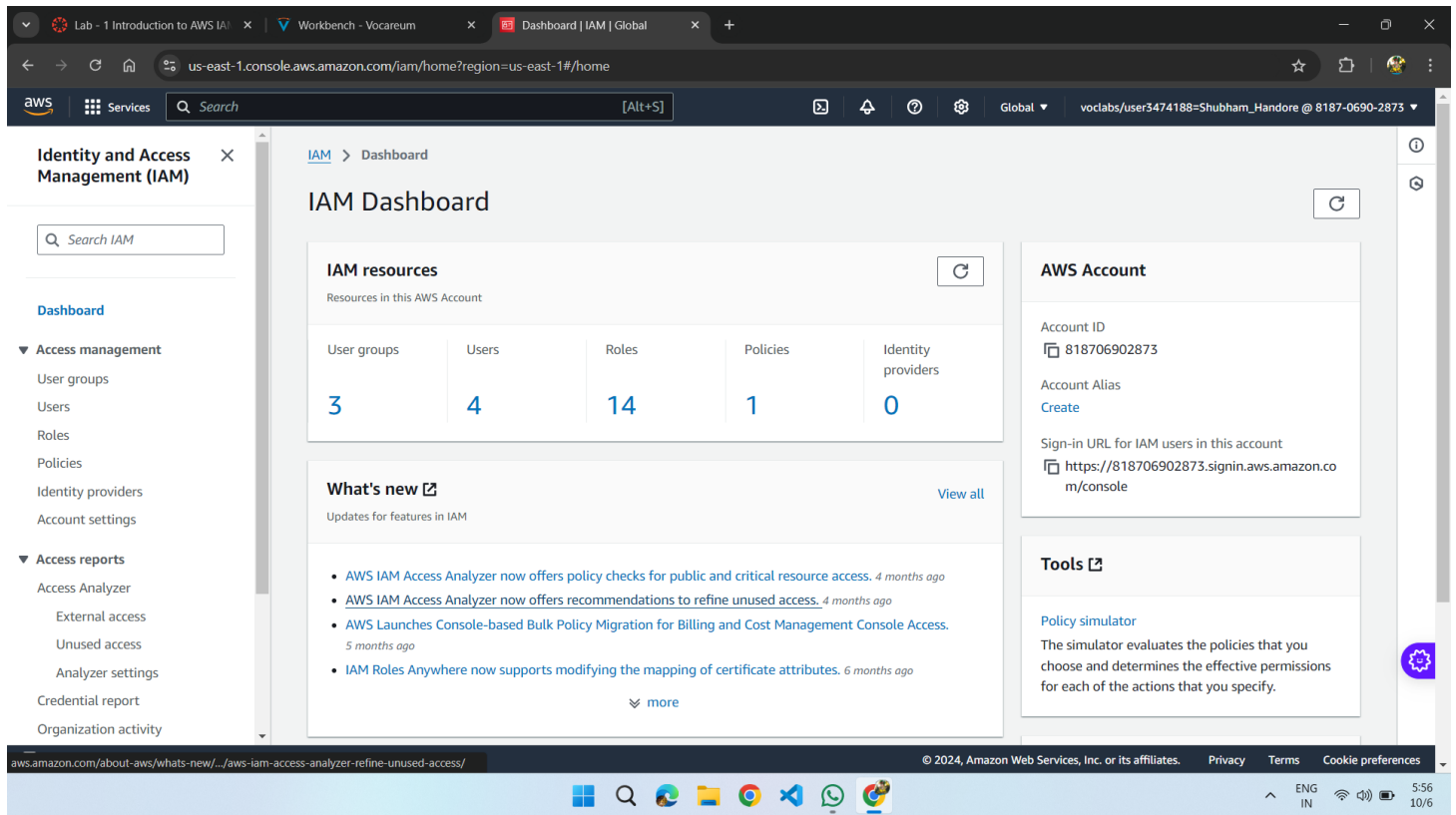
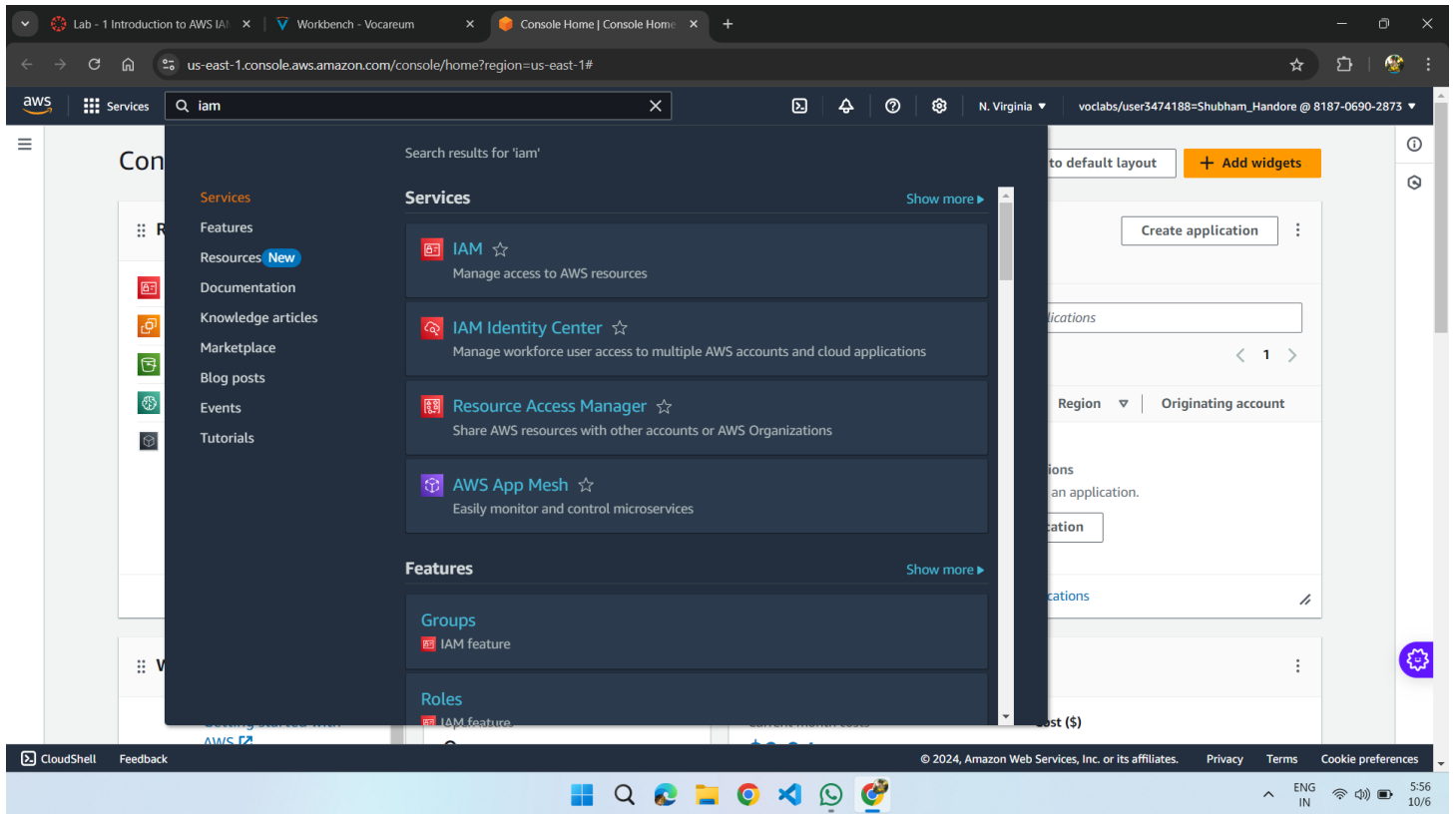


# Cloud Computing Assignment 6

## Working and Implementing of identity and Access Management (Using AWS)



Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

Users | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access Analyzer
  - External access
  - Unused access
  - Analyzer settings
- Credential report
- Organization activity

IAM > Users

Users (4) Info

RefreshDeleteCreate user

Search

1

	User name	Path	Groups	Last activity	MFA	Password age	Console last sign-in
<input type="checkbox"/>	awsstudent	/	Access denied	Access denied	Access denied	Access denied	-
<input type="checkbox"/>	user-1	/spl66/	0	-	-	22 minutes	-
<input type="checkbox"/>	user-2	/spl66/	0	-	-	22 minutes	-
<input type="checkbox"/>	user-3	/spl66/	0	-	-	22 minutes	-

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Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

user-1 | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/details/user-1?section=permissions

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

Identity and Access Management (IAM)

Search IAM

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  - External access
  - Unused access
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- Organization activity

IAM > Users > user-1

user-1 Info

RefreshDelete

Summary

ARN

- arn:aws:iam::818706902873:user/spl66/user-1

Created

- October 06, 2024, 17:34 (UTC+05:30)

Console access

- Enabled without MFA

Last console sign-in

- Never

Access key 1

- AKIA35HV355M362LT12B - Active
- Never used. Created today.

Access key 2

- Create access key

PermissionsGroupsTags (1)Security credentialsLast Accessed

Permissions policies (0)

RefreshRemoveAdd permissions

SearchFilter by TypeAll types

1

Policy name	Type	Attached via
-------------	------	--------------

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Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

user-1 | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/details/user-1?section=groups

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

Identity and Access Management (IAM)

Search IAM

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- Account settings

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  - External access
  - Unused access
  - Analyzer settings
- Credential report
- Organization activity

IAM > Users > user-1

user-1InfoDelete

Summary

ARN

arn:aws:iam::818706902873:user/spl66/user-1

Console access

Enabled without MFA

Access key 1

AKIA3SHV355M362LT12B - Active

Never used. Created today.

Created

October 06, 2024, 17:34 (UTC+05:30)

Last console sign-in

Never

Access key 2

Create access key

Permissions

Groups

Tags

(1)

Security credentials

Last Accessed

User groups membership

Remove

Add user to groups

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users. A user can be a member of up to 10 groups at a time.

Group name

Attached policies

No resources

This user does not belong to any groups.

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Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

user-1 | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/details/user-1?section=security\_credentials

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

Identity and Access Management (IAM)

Search IAM

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- Users
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access Analyzer
  - External access
  - Unused access
  - Analyzer settings
- Credential report
- Organization activity

user-1InfoDelete

Summary

ARN

arn:aws:iam::818706902873:user/spl66/user-1

Console access

Enabled without MFA

Access key 1

AKIA3SHV355M362LT12B - Active

Never used. Created today.

Created

October 06, 2024, 17:34 (UTC+05:30)

Last console sign-in

Never

Access key 2

Create access key

Permissions

Groups

Tags

(1)

Security credentials

Last Accessed

Console sign-in

Manage console access

Console sign-in link

https://818706902873.signin.aws.amazon.com/console

Console password

Updated 23 minutes ago (2024-10-06 17:34 GMT+5:30)

Last console sign-in

Never

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Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

User groups | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access Analyzer

External access

Unused access

Analyzer settings

Credential report

Organization activity

IAM > User groups

User groups (3) info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Search

< 1 >

	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	<a href="#">EC2-Admin</a>	0	Defined	23 minutes ago
<input type="checkbox"/>	<a href="#">EC2-Support</a>	0	Defined	23 minutes ago
<input type="checkbox"/>	<a href="#">S3-Support</a>	0	Defined	23 minutes ago

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Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

EC2-Support | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/EC2-Support?section=users

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access Analyzer

External access

Unused access

Analyzer settings

Credential report

Organization activity

IAM > User groups > EC2-Support

EC2-Support info

Delete

Summary

Edit

User group name

EC2-Support

Creation time

October 06, 2024, 17:34 (UTC+05:30)

ARN

arn:aws:iam::818706902873:group/spl66/EC2-Support

Users

Permissions

Last Accessed

Users in this group (0)

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search

< 1 >

User name	Groups	Last activity	Creation time
No resources to display			

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Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

EC2-Support | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/EC2-Support?section=permissions

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

Identity and Access Management (IAM)

Search IAM

Dashboard

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User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access Analyzer

External access

Unused access

Analyzer settings

Credential report

Organization activity

Permissions policies (1) Info

You can attach up to 10 managed policies.

Filter by Type

SearchAll types

☐

Policy name

☐

AmazonEC2ReadOnlyAccess

Type

AWS managed

Attached entities

1

AmazonEC2ReadOnlyAccess

Provides read only access to Amazon EC2 via the AWS Management Console.

Copy JSON

1

{

2

"Version": "2012-10-17",

3

"Statement": [

4

{

5

"Effect": "Allow",

6

"Action": "ec2:Describe\*",

7

"Resource": "\*"

8

},

9

{

10

"Effect": "Allow",

11

"Action": "elasticloadbalancing:Describe\*",

12

"Resource": "\*"

13

},

14

{

15

"Effect": "Allow",

16

"Action": [

17

"cloudwatch:ListMetrics",

18

"cloudwatch:GetMetricStatistics",

19

"cloudwatch:Describe\*"

20

]

}

]

}

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Lab - 1 Introduction to AWS IAM

Workbench - Vocareum

Add users | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/S3-Support/add-users

ServicesSearch[Alt+S]

Globalvoclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

IAM > User groups > S3-Support > Add users

Add users to S3-Support Info

Other users in this account (1/4)

Search user3 matches

☒

user-1

0

None

25 minutes ago

☐

user-2

0

None

25 minutes ago

☐

user-3

0

None

25 minutes ago

Cancel

Add users

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Lab - 1 Introduction to AWS IAM | Workbench - Vocareum | Add users | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/EC2-Support/add-users

Services Search [Alt+S]

Global voclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

IAM > User groups > EC2-Support > Add users

Add users to EC2-Support Info

Other users in this account (1/4)

Q user X 3 matches

< 1 > ⚙

<input type="checkbox"/>	User name ⓘ	Groups	Last activity	Creation time
<input type="checkbox"/>	<a href="#">user-1</a>	1	None	26 minutes ago
<input checked="" type="checkbox"/>	<a href="#">user-2</a>	0	None	26 minutes ago
<input type="checkbox"/>	<a href="#">user-3</a>	0	None	26 minutes ago

Cancel

Add users

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Windows Taskbar

System Tray

Lab - 1 Introduction to AWS IAM | Workbench - Vocareum | Add users | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/groups/details/EC2-Admin/add-users

Services Search [Alt+S]

Global voclabs/user3474188=Shubham\_Handore @ 8187-0690-2873

IAM > User groups > EC2-Admin > Add users

Add users to EC2-Admin Info

Other users in this account (1/4)

Q user X 3 matches

< 1 > ⚙

<input type="checkbox"/>	User name ⓘ	Groups	Last activity	Creation time
<input type="checkbox"/>	<a href="#">user-1</a>	1	None	26 minutes ago
<input type="checkbox"/>	<a href="#">user-2</a>	1	None	26 minutes ago
<input checked="" type="checkbox"/>	<a href="#">user-3</a>	0	None	26 minutes ago

Cancel

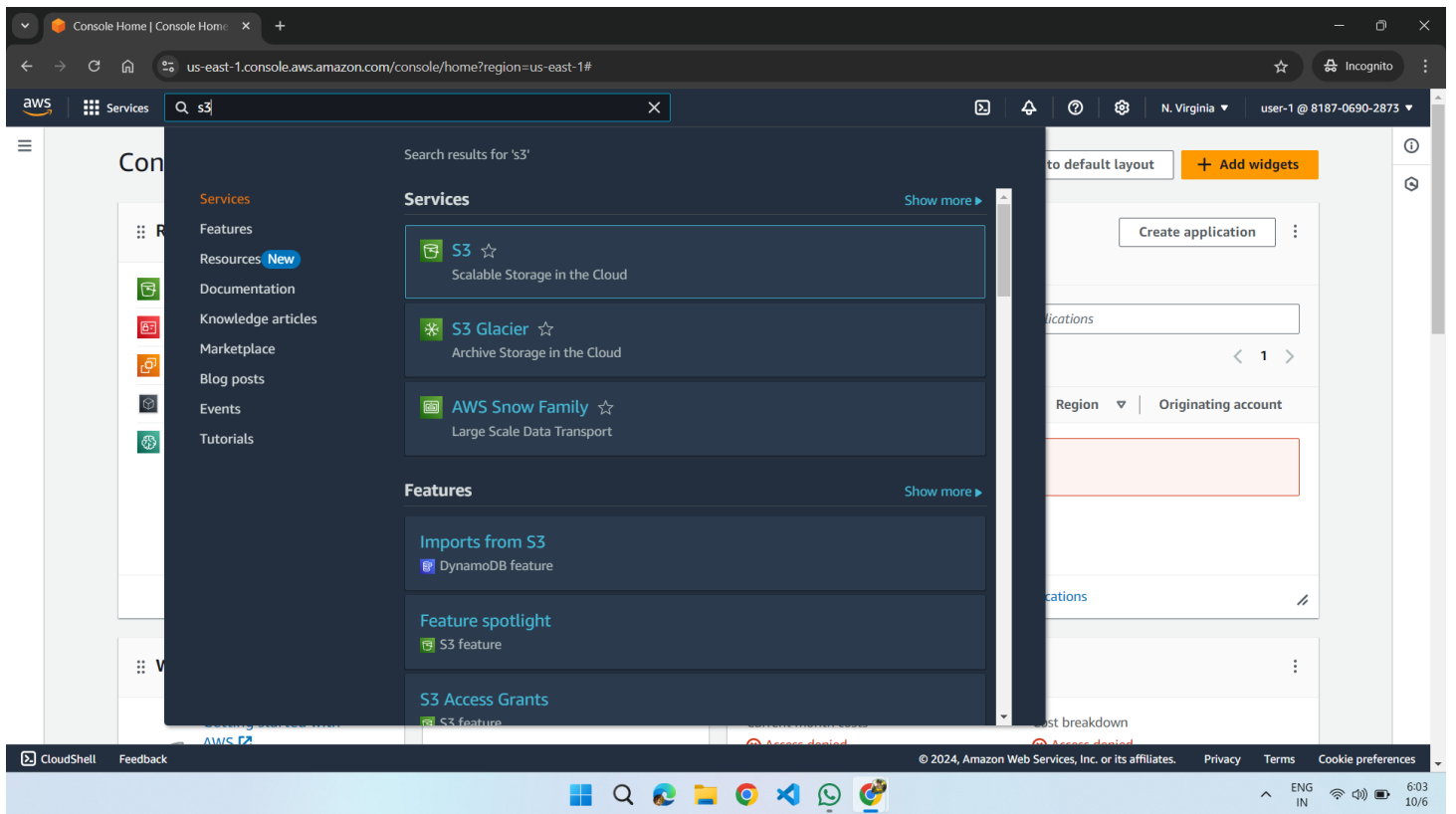
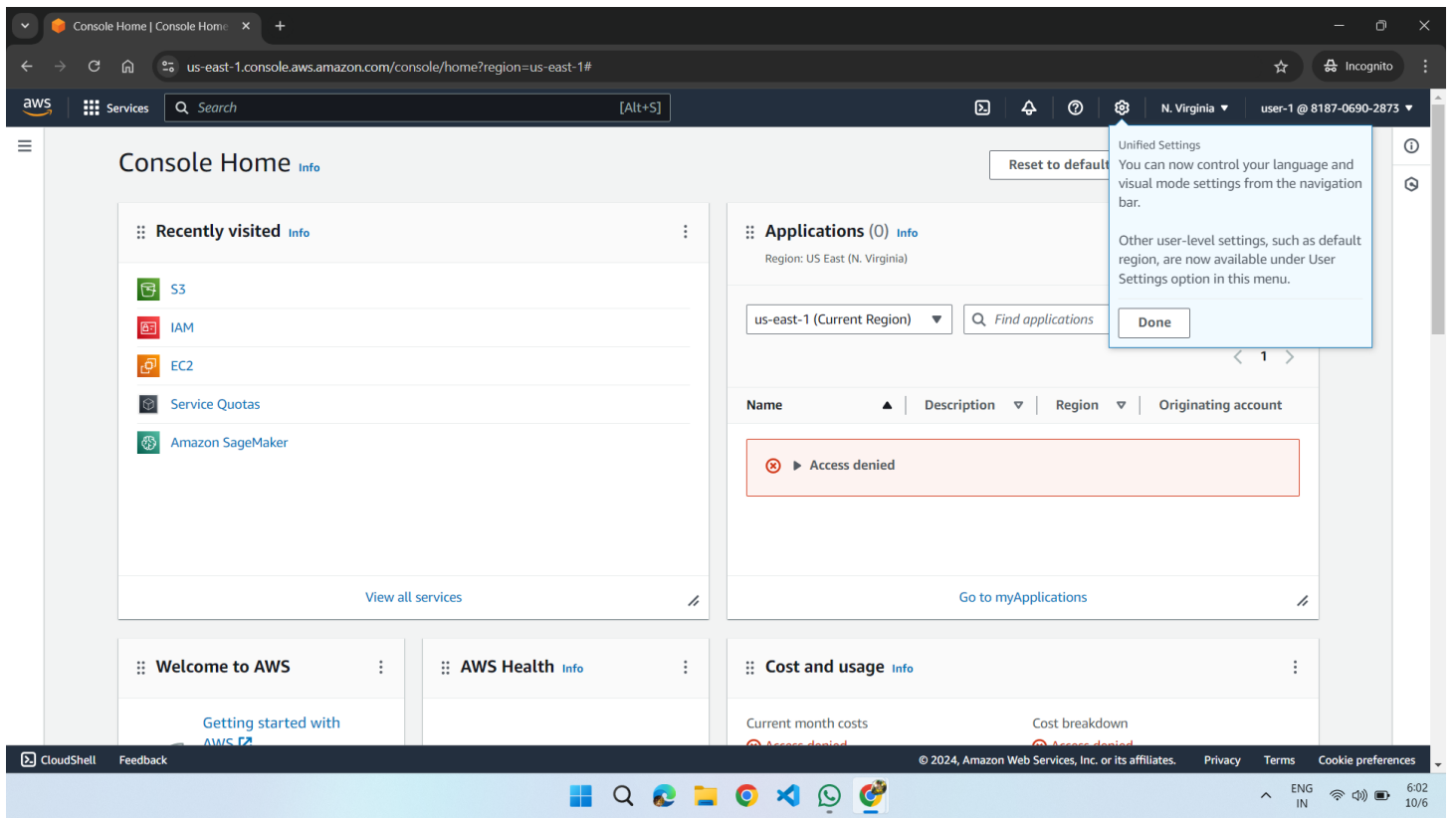
Add users

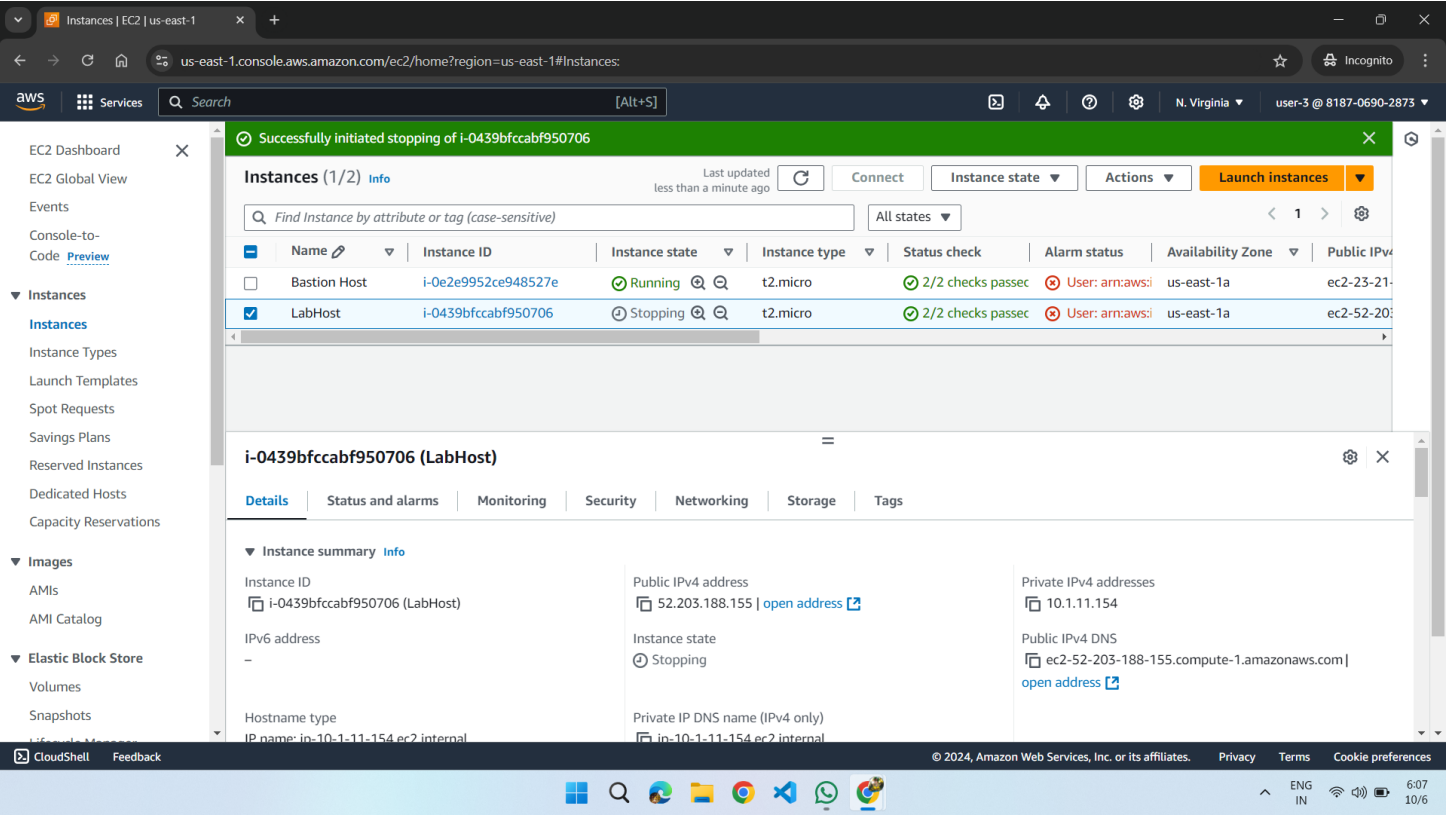
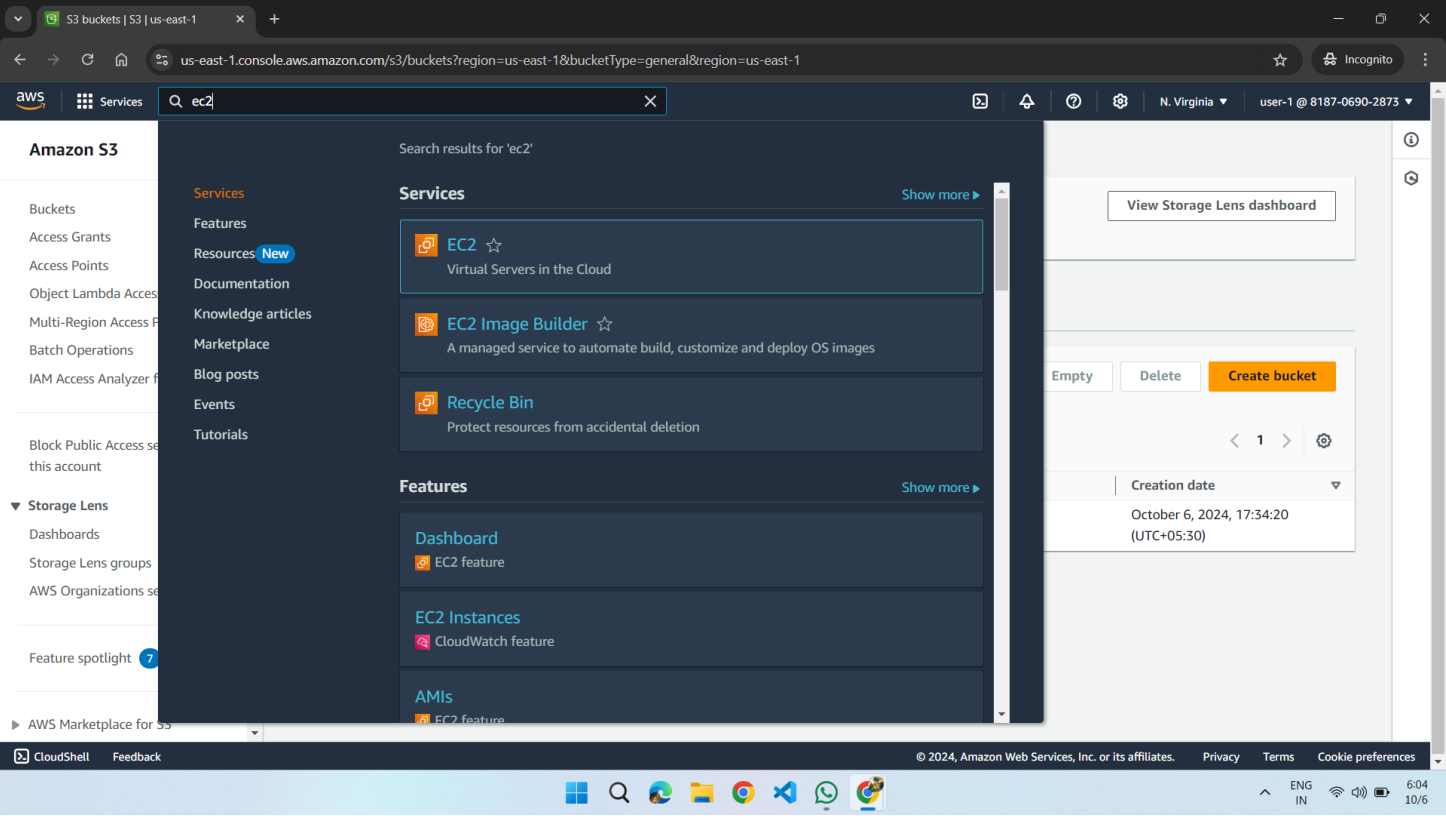
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Windows Taskbar

System Tray







Instances | EC2 | us-east-1

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

Incognito

Services

Search

[Alt+S]

N. Virginia

user-3 @ 8187-0690-2873

EC2 Dashboard

EC2 Global View

Events

Console-to-Code

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Instances (1/2) Info

Last updated less than a minute ago

Connect

Instance state

Action

Find Instance by attribute or tag (case-sensitive)

All states

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input type="checkbox"/>	Bastion Host	i-0e2e9952ce948527e	Running	t2.micro	2/2 checks passed	User: arn:aws:iam::8187-0690-2873:user-3
<input checked="" type="checkbox"/>	LabHost	i-0439bfccabf950706	Stopped	t2.micro	2/2 checks passed	User: arn:aws:iam::8187-0690-2873:user-3

i-0439bfccabf950706 (LabHost)

Details | Status and alarms | Monitoring | Security | Networking | Storage | Tags

Instance summary Info

Instance ID

i-0439bfccabf950706 (LabHost)

Public IPv4 address

-

Private IPv4 addresses

10.1.11.154

IPv6 address

-

Instance state

Stopped

Public IPv4 DNS

-

Hostname type

-

Private IP DNS name (IPv4 only)

ip-10-1-11-154.ec2.internal

IP name

ip-10-1-11-154.ec2.internal

Account ID: 8187-0690-2873

IAM user: user-3

Account

Organization

Service Quotas

Billing and Cost Management

Security credentials

Switch role

Sign out

https://us-east-1.console.aws.amazon.com/ec2/logout!doLogout

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