

CODING CONTEST-1

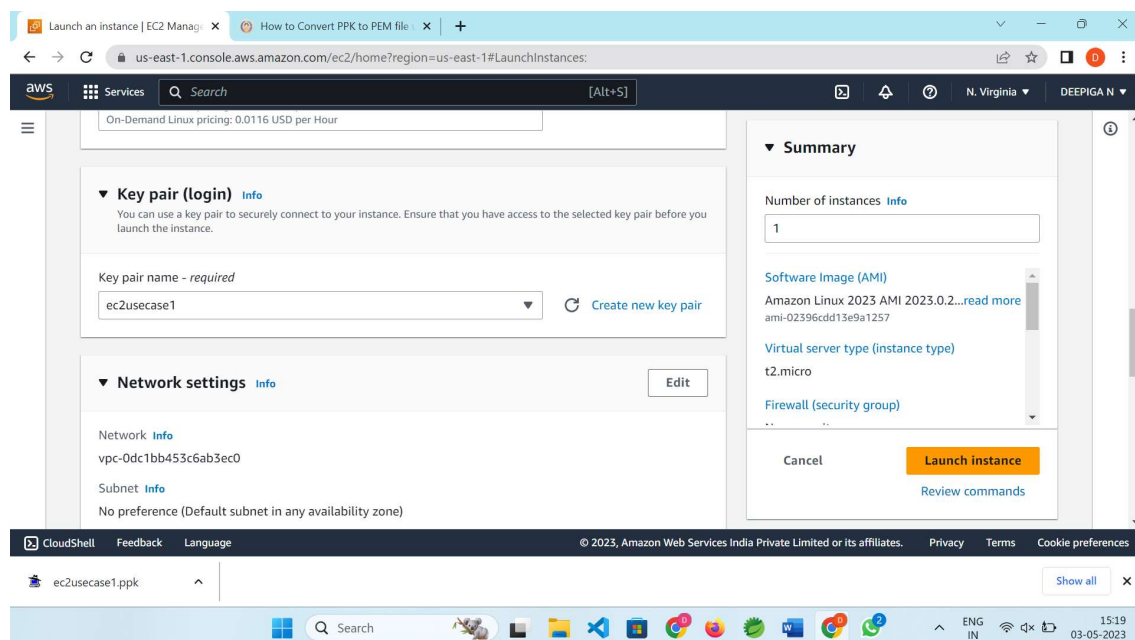
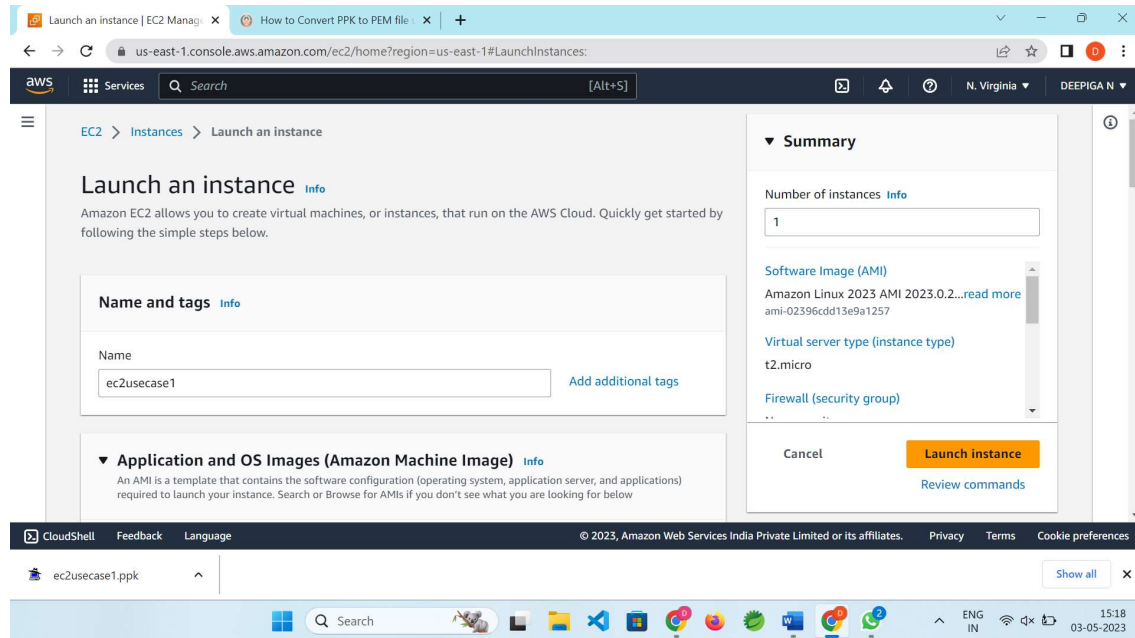
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IT-A

1.



Launch an instance | EC2 Management Console | How to Convert PPK to PEM file | +

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

Services Search [Alt+S]

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-2' 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 2023.0.2...[read more](#)
ami-02396cdd13e9a1257

Virtual server type (instance type)
t2.micro

Firewall (security group)
..

Cancel **Launch instance** [Review commands](#)

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ec2usecase1.ppk Show all

Search

15:22 03-05-2023

Launch an instance | EC2 Management Console | Images | EC2 Management Console | How to Convert PPK to PEM file | +

us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Images:visibility=owned-by-me

Services Search [Alt+S]

Scheduled Instances
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

Amazon Machine Images (AMIs) (1) [Info](#)

[Refresh](#) [Recycle Bin](#) [EC2 Image Builder](#) [Actions](#) [Launch instance from AMI](#)

Owned by me

Name	AMI ID	AMI name	Source	Owner
-	ami-04df9c8f18f81cf87	Amazon Linux 2	841889227742/Amazon Linux 2	841889227742

Select an AMI

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2.

The screenshot shows the AWS IAM console in the 'us-east-1' region, specifically the 'Create user group' page. The left sidebar contains the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, Access reports, and Access analyzer. The main content area is titled 'Create user group' and has a sub-header 'Name the group'. A text input field for 'User group name' contains 'Network-L1-Team'. Below this, there is a section 'Add users to the group - Optional (0)' with a search bar containing 'Network-L1-User1' and a list of users. The bottom of the console shows the 'CloudShell' tab and a terminal window with the command 'ec2usecase1.ppk'.

The screenshot shows the AWS IAM console in the 'us-east-1' region, specifically the 'Attach permissions policies' page. The left sidebar is the same as the previous screenshot. The main content area is titled 'Attach permissions policies - Optional' with a sub-header '(Selected 2/843)'. It includes a search bar with the filter 'Filter policies by property or policy name and press enter.' and a list of policies. The table below shows the selected policies:

Policy name	Type	Description
AWSNetworkManagerReadOnlyAccess	AWS managed	Provides read only

The bottom of the console shows the 'CloudShell' tab and a terminal window with the command 'ec2usecase1.ppk'.

Launch an instance | EC2 Manag... IAM Management Console x How to Convert PPK to PEM file x +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/groups/create

aws Services Search [Alt+S] Global DEEPIGA N

Identity and Access Management (IAM)

Search IAM

Dashboard

▼ Access management

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

▼ Access reports

Access analyzer

Attach permissions policies - Optional

(Selected 2/843)

Info

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter policies by property or policy name and press enter. 1 match < 1 > ⚙

"AmazonVPCReadOnlyAccess" X Clear filters

<input checked="" type="checkbox"/>	Policy name	Type	Description
<input checked="" type="checkbox"/>	AmazonVPCReadOnlyAccess	AWS managed	Provides read only

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ec2usecase1.ppk Show all

Search

15:33 03-05-2023

Launch an instance | EC2 Manag... IAM Management Console x +

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/users/create

aws Services Search [Alt+S] Global DEEPIGA N

Add user to group

Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

Copy permissions

Copy all group memberships, attached managed policies, and inline policies from an existing user.

Attach policies directly

Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

User groups (1/1)

Search groups < 1 > ⚙

<input checked="" type="checkbox"/>	Group name	Users	Attached policies	Created
<input checked="" type="checkbox"/>	Network-L1-Team	0	AmazonVPCReadOnl...	2023-05-03 (5 minut...

► Permissions boundary - optional

Set a permissions boundary to control the maximum permissions for this user. Use this advanced feature used to delegate permission management to others. [Learn more](#)

Cancel Previous **Next**

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Search

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Launch an instance | EC2 Manag

IAM Management Console

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/groups

awsServicesSearch[Alt+S]

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Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

IAM > User groups

User groups (1) Info

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

Filter User groups by property or group name and press enter

1

RefreshDeleteCreate group

	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	Network-L1-Team	1	Defined	7 minutes ago

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Launch an instance | EC2 Manag

IAM Management Console

us-east-1.console.aws.amazon.com/iamv2/home?region=us-east-1#/users

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Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

IAM > Users

Users (1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

1

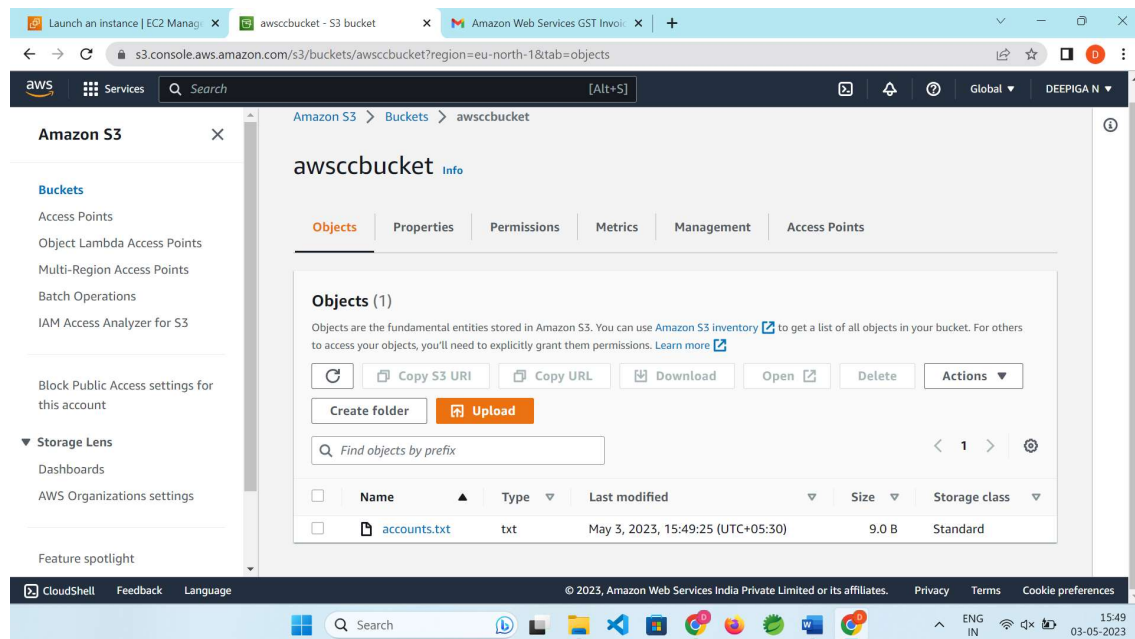
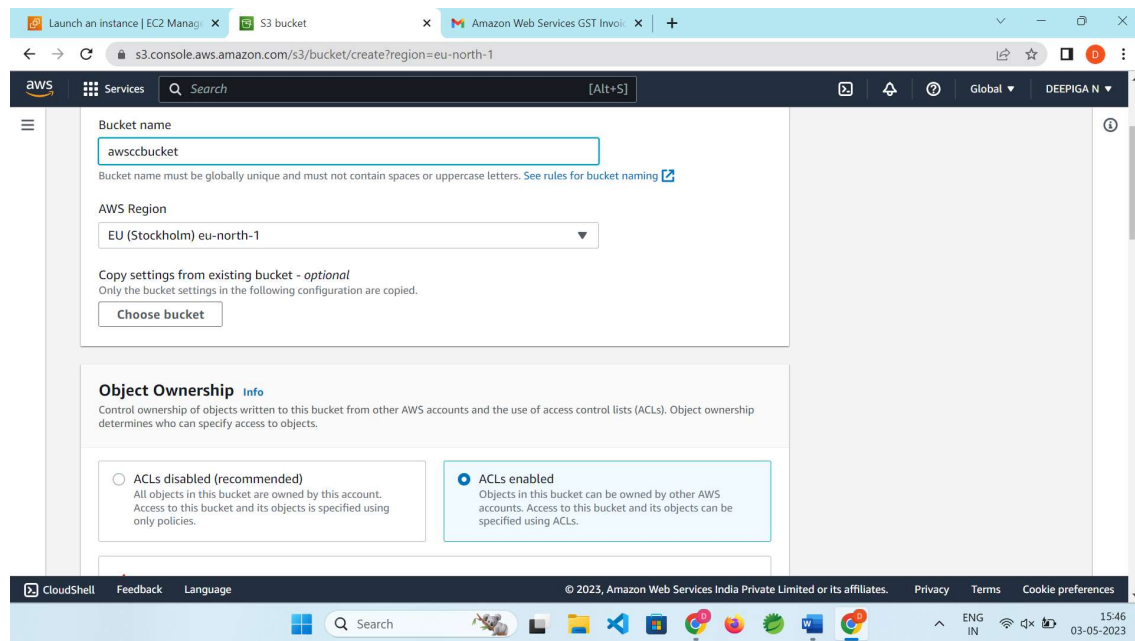
RefreshDeleteAdd users

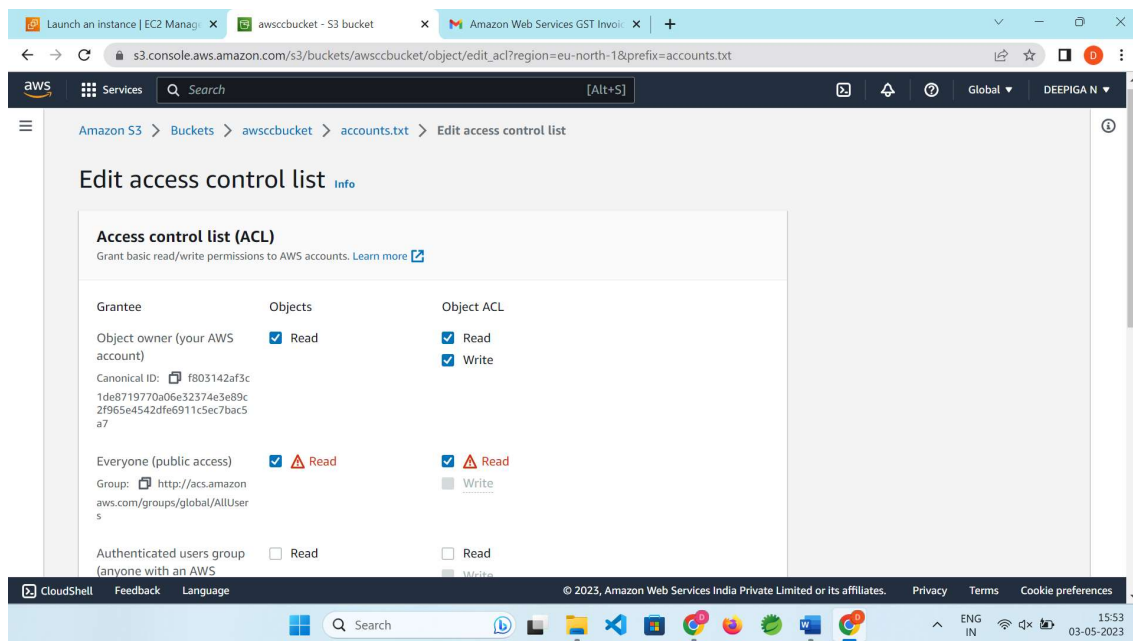
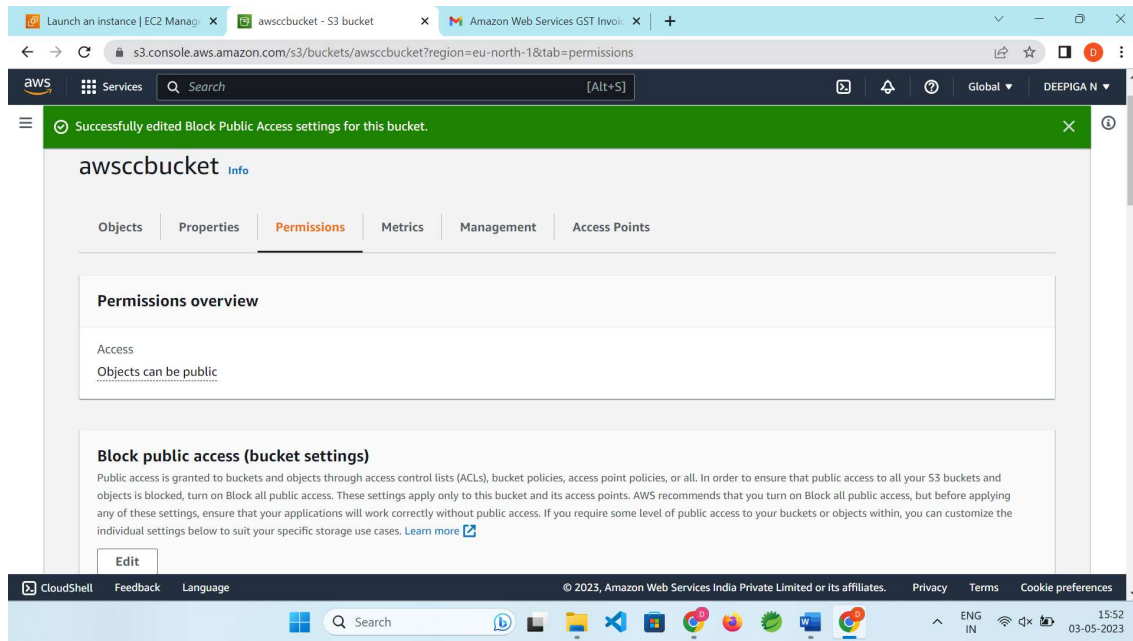
	User name	Groups	Last activity	MFA	Password a...
<input type="checkbox"/>	Network-L1-User1	Network-L1-Team	Never	None	None

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3.





Launch an instance | EC2 Manag x awscbucket - S3 bucket x Amazon Web Services GST Invo x +

s3.console.aws.amazon.com/s3/object/awscbucket?region=eu-north-1&prefix=accounts.txt&tab=permissions

aws Services Search [Alt+S] Global DEEPIGA N

accounts.txt info Copy S3 URI Download Open Object actions

Properties Permissions Versions

Access control list (ACL) Edit

Grant basic read/write permissions to AWS accounts. Learn more

Grantee	Object	Object ACL
Object owner (your AWS account) Canonical ID: f803142af3c1de8719770a06e32374e3e89c2f965e4542df6911c5ec7bac5a7	Read	Read, Write
Everyone (public access) Group: http://acs.amazonaws.com/groups/global/AllUsers	Read	Read
Authenticated users group (anyone with an AWS account) Group: http://acs.amazonaws.com/groups/global/AuthenticatedUsers	-	-

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Search ENG IN 15:54 03-05-2023

Launch an instance | EC2 Manag x https://awscbucket.s3.eu-north-1.amazonaws.com/accounts.txt x +

awscbucket.s3.eu-north-1.amazonaws.com/accounts.txt

accountnys

Search ENG IN 15:54 03-05-2023