

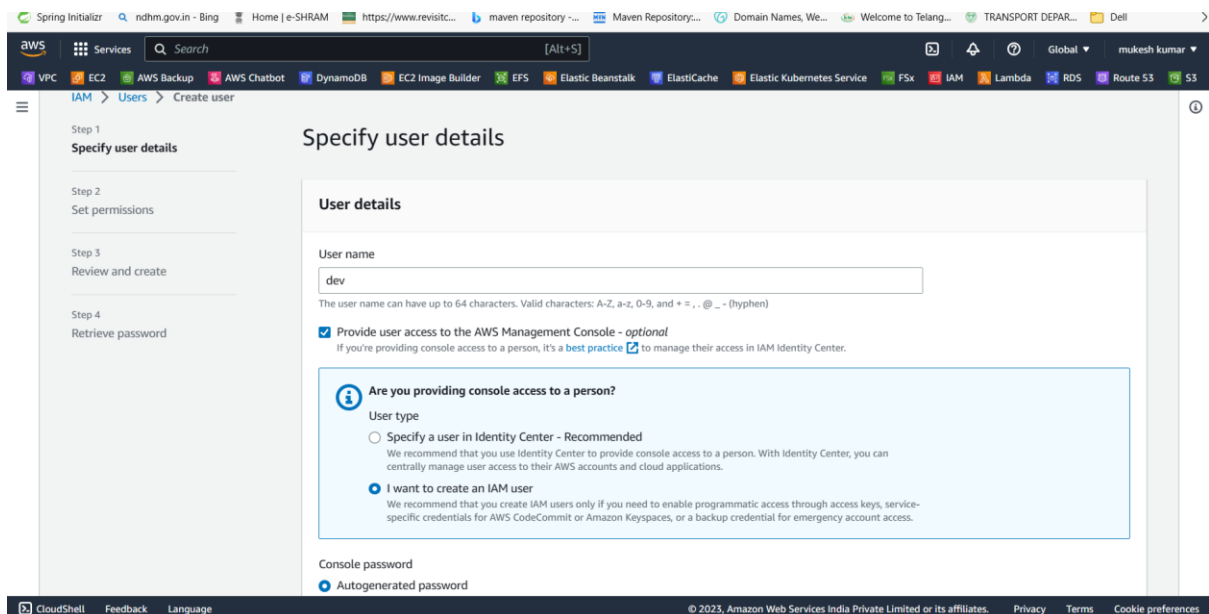
## Module 3: IAM Users Assignment

Problem Statement:

You work for XYZ Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users.

Tasks To Be Performed:

1. Create 4 IAM users named "Dev1", "Dev2", "Test1", and "Test2".
2. Create 2 groups named "Dev Team" and "Ops Team".
3. Add Dev1 and Dev2 to the Dev Team.
4. Add Dev1, Test1 and Test2 to the Ops Team



Next create two user

IAM > Users > Create user

Step 1  
Specify user details

Step 2  
Set permissions

Step 3  
Review and create

## Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

### User details

User name dev-2	Console password type None	Require password reset No
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### Permissions summary

< 1 >

Name	Type	Used as
AmazonEC2FullAccess	AWS managed	Permissions policy
AmazonS3FullAccess	AWS managed	Permissions policy

Next

Identity and Access Management (IAM)

Q Search IAM

Dashboard

▼ Access management

- User groups
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▼ Access reports

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- Archive rules
- Analyzers
- Settings

IAM > Users

Users (2) Info

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

Q Find users by username or access key

< 1 >

	User name	Groups	Last activity	MFA	Password age	Active key age
<input type="checkbox"/>	dev-2	None	Never	None	None	-
<input type="checkbox"/>	dev1	None	Never	None	None	-

Now create user group

Identity and Access Management (IAM)

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## Create user group

### Name the group

User group name

Enter a meaningful name to identify this group.

dev team

Maximum 128 characters. Use alphanumeric and '+', '@', '-' characters.

### Add users to the group - Optional (2) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Q Search

< 1 >

	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	dev-2	0	None	1 minute ago
<input type="checkbox"/>	dev1	1	None	5 minutes ago

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Enter a username, email, or security group.

dev team

Maximum 128 characters. Use alphanumeric and '+', '@', '-' characters.

Add users to the group - Optional (Selected 2/2) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Search

<input checked="" type="checkbox"/>	User name	Groups	Last activity	Creation time
<input checked="" type="checkbox"/>	dev-2	0	None	2 minutes ago
<input checked="" type="checkbox"/>	dev1	1	None	6 minutes ago

Attach permissions policies - Optional (868) 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.

Create policy

Filter policies by property or policy name and press enter.

## Permission for amazon EC2 access

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Attach permissions policies - Optional (Selected 1/868) 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.

16 matches

\*amazonec2\*

Clear filters

<input checked="" type="checkbox"/>	Policy name	Type	Description
<input checked="" type="checkbox"/>	AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 vi.
<input type="checkbox"/>	AmazonEC2ReadOnlyAccess	AWS managed	Provides read only access to Amazon .
<input type="checkbox"/>	AmazonEC2RoleforDataPipelineRole	AWS managed	Default policy for the Amazon EC2 Rol
<input type="checkbox"/>	AmazonEC2ContainerServiceforEC2Role	AWS managed	Default policy for the Amazon EC2 Rol
<input type="checkbox"/>	AmazonEC2ContainerServiceRole	AWS managed	Default policy for Amazon ECS service
<input type="checkbox"/>	AmazonEC2RoleforAWSCodeDeploy	AWS managed	Provides EC2 access to S3 bucket to d
<input type="checkbox"/>	AmazonEC2RoleforSSM	AWS managed	This policy will soon be deprecated. Pl
<input type="checkbox"/>	AmazonEC2ContainerRegistryReadOnly	AWS managed	Provides read-only access to Amazon .

## User group we see dev-team group create

Identity and Access Management (IAM)

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dev-team

Delete

Summary

User group name

dev-team

Creation time

July 09, 2023, 12:36 (UTC+05:30)

ARN

arn:aws:iam::938361723963:group/dev-team

Users

Permissions

Access Advisor

Users in this group (2)

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

<input type="checkbox"/>	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	dev1	1	None	22 minutes ago
<input type="checkbox"/>	dev-2	1	None	18 minutes ago

Then create a dec1,dev2 and test1 and 2 in group

Click on the "Add users to group" button.

Select "Dev1", "Test1", and "Test2" from the list of available users.