

Assisted Practice Project14: Create an IAM User

C Balamanikandan

The first screenshot shows the AWS IAM console with the 'Recently visited' overlay. The overlay lists services like IAM, S3, EC2, Console Home, and RDS. The IAM service is highlighted, indicating the next step in the process.

The second screenshot shows the 'IAM Dashboard'. The 'IAM resources' section displays the following counts:

Resource Type	Count
User groups	6
Users	1
Roles	25
Policies	2
Identity providers	0

The 'What's new' section lists updates for IAM features, including IAM Access Analyzer and IAM Identity Center APIs.

The third screenshot shows the 'Users' page in the IAM console. It displays a table of users, with one user listed:

User name	Path	Group	Last activity	MFA	Password age	Console last sign-in
corestack-2d308	/	0	Access denied	-	1187 days	-

The 'Create user' button is visible in the top right corner of the Users page.

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

Services

Search

[Alt+S]

Global

Corestack_Role/c.balamanikandan_mphasis @ 3603-0453-5068

Step 1

Specify user details

Step 2

Set permissions

Step 3

Review and create

Step 4

Retrieve password

User details

User name

NewUser

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , @ _ - (hyphen)

☒ Provide user access to the AWS Management Console - optional

If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.

Console password

☐ Autogenerated password

You can view the password after you create the user.

☒ Custom password

Enter a custom password for the user.

☐ Show password

☐ Users must create a new password at next sign-in - Recommended

Users automatically get the [IAMUserChangePassword](#) policy to allow them to change their own password.

If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. [Learn more](#)

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

Services

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IAM

Users

Create user

Step 1

Specify user details

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Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. [Learn more](#)

Permissions options

☒ 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 (6)

Search

< 1 >

<input type="checkbox"/>	Group name	Users	Attached policies	Created
<input type="checkbox"/>	admin	0	AdministratorAccess	2022-06-26 (1 year ago)
<input type="checkbox"/>	Administrator	0	AdministratorAccess	2023-07-17 (5 months ago)
<input type="checkbox"/>	Administrator_Group	0	AdministratorAccess	2020-11-24 (3 years ago)

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

Services

Search

[Alt+S]

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Step 2

Set permissions

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Permissions policies (1/1172)

Choose one or more policies to attach to your new user.

Search Amazon

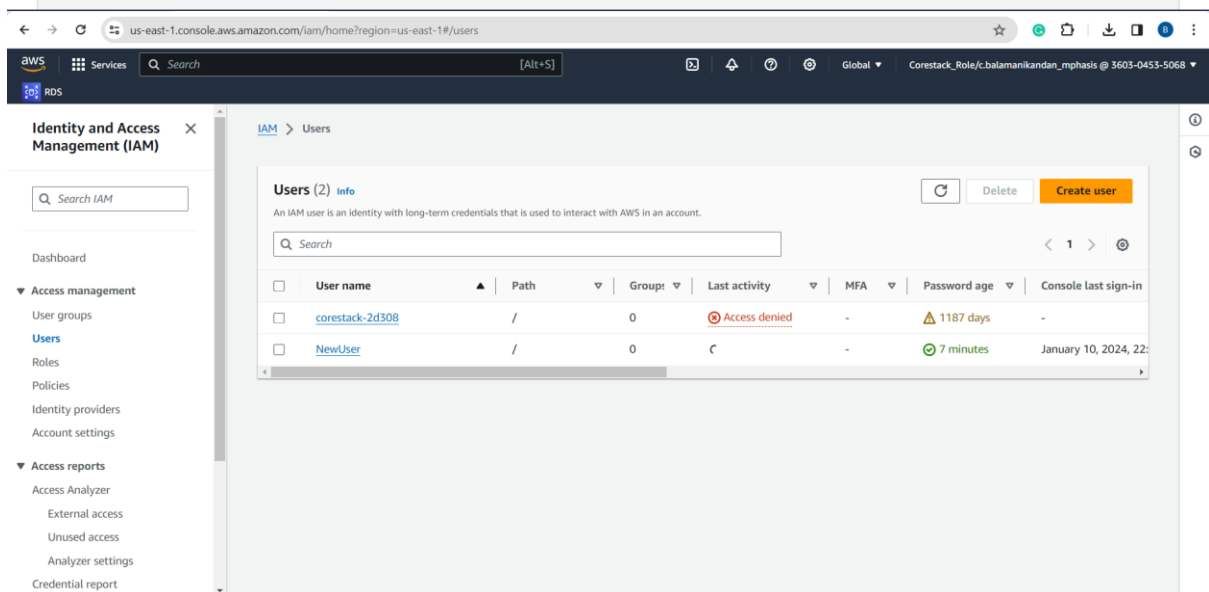
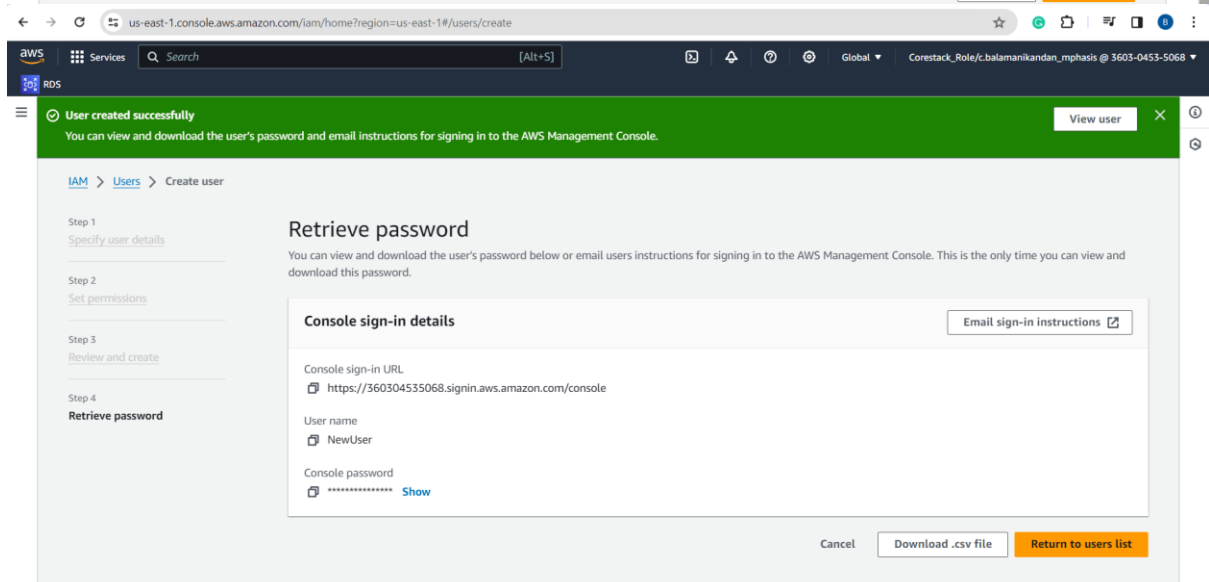
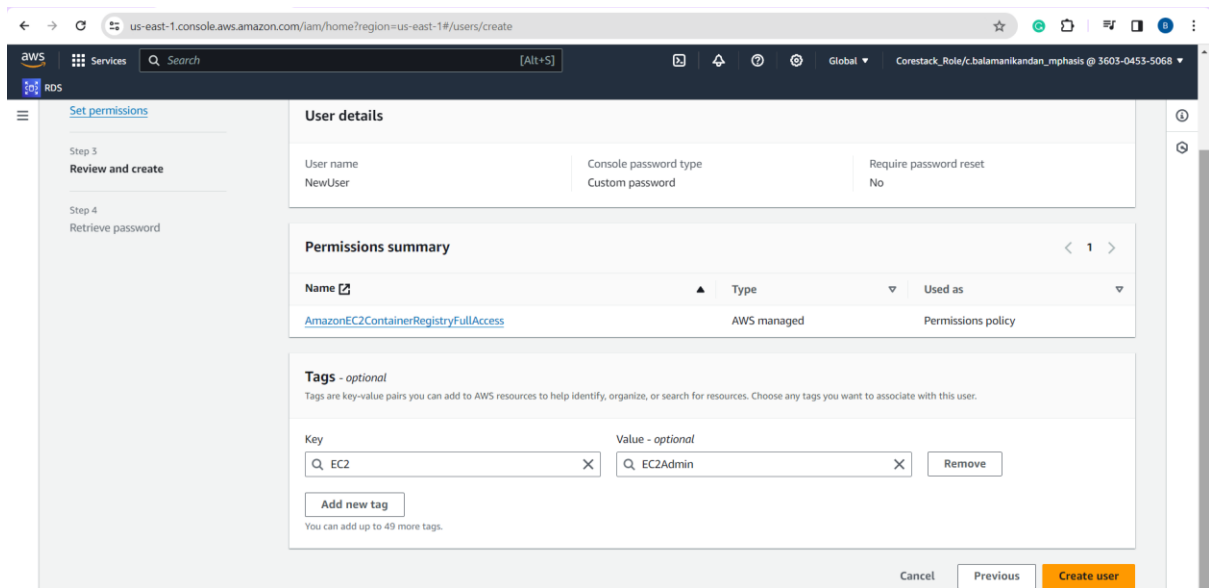
Filter by Type

All types

78 matches

< 1 2 3 4 >

<input type="checkbox"/>	Policy name	Type	Attached entities
<input type="checkbox"/>	AmazonEBSControlPolicy	AWS managed	0
<input checked="" type="checkbox"/>	AmazonEC2ContainerRegistryFullAccess	AWS managed	0
<input type="checkbox"/>	AmazonEC2ContainerRegistryPower...	AWS managed	0
<input type="checkbox"/>	AmazonEC2ContainerRegistryRead...	AWS managed	0
<input type="checkbox"/>	AmazonEC2ContainerServiceAutosc...	AWS managed	0



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

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

IAM > Users > NewUser

NewUser Info

Delete

Summary

ARN arn:aws:iam::360304535068:user/NewUser	Console access Enabled without MFA	Access key 1 Create access key
Created January 10, 2024, 22:15 (UTC+05:30)	Last console sign-in Today	

Permissions | Groups | Tags (1) | **Security credentials** | Access Advisor

Console sign-in

Manage console access

Console sign-in link https://360304535068.signin.aws.amazon.com/console	Console password Updated 8 minutes ago (2024-01-10 22:15 GMT+5:30)
	Last console sign-in 6 minutes ago (2024-01-10 22:17 GMT+5:30)

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

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Permissions | **Groups** | Tags (1) | Security credentials | Access Advisor

User groups membership (0)

[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.