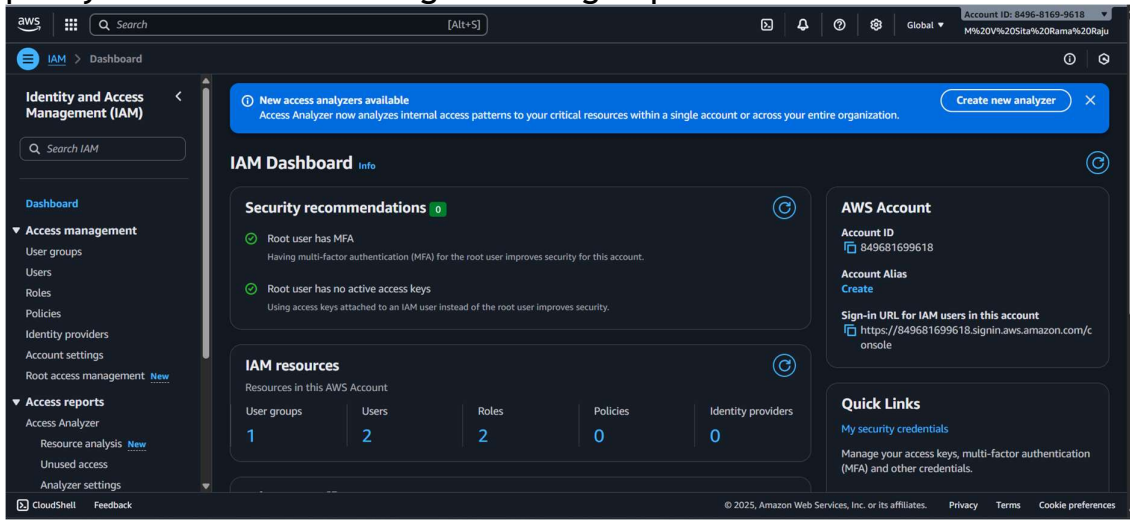


CI/CD IN-SEM LAB EXAM

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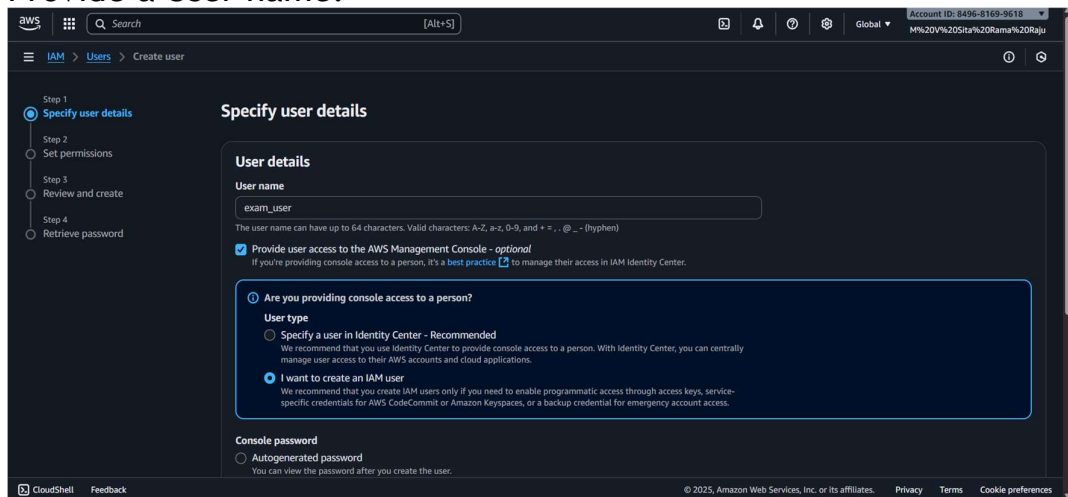
M.V.Sita Rama Raju

To create an IAM user with EC2 access through a directly attached policy and S3 access through an IAM group



1. Create the IAM User:

- Navigate to the IAM service in the AWS Management Console.
- Choose Users in the navigation pane, then click Create user.
- Provide a User name.



2. Attach the EC2 Policy Directly to the User:

- On the "Set permissions" page, choose Attach policies directly.
- Search for and select a suitable AWS managed policy for EC2 access, such as AmazonEC2FullAccess
- create the user.

The first screenshot shows the "Permissions policies (1/1393)" page in the AWS IAM console. A search for "amazonEc" has been performed, resulting in 28 matches. The "AmazonEC2FullAccess" policy is selected.

The second screenshot shows the "Set permissions" page. Under "Permissions options", the "Attach policies directly" option is selected. Below, the "Permissions policies (1393)" list shows the "AmazonEC2FullAccess" policy selected.

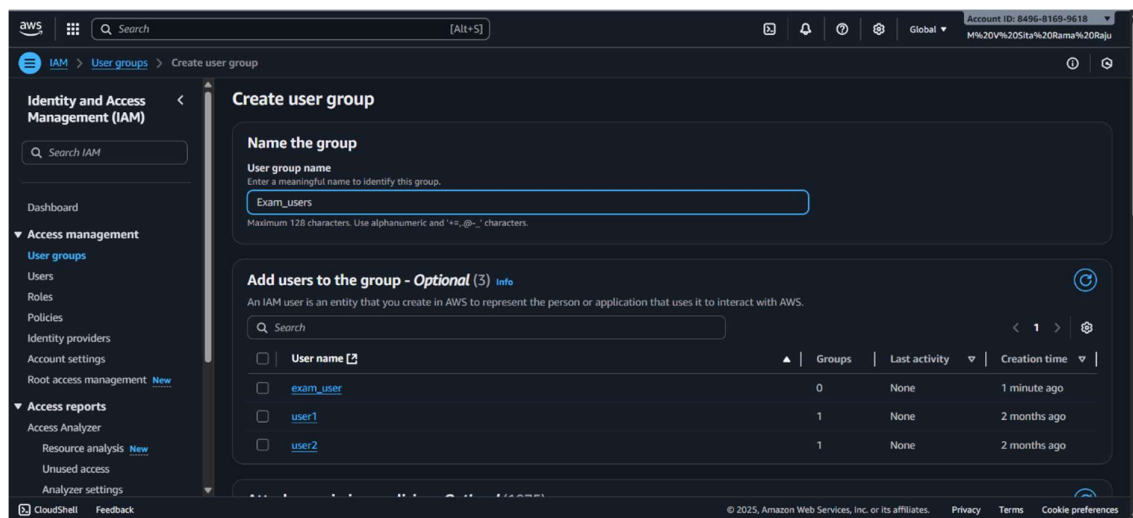
The screenshot shows the "Retrieve password" step in the AWS IAM console. A green banner at the top states "User created successfully". The "Console sign-in details" section provides the following information:

- Console sign-in URL: <https://849681699618.signin.aws.amazon.com/console>
- User name: exam_user
- Console password: [REDACTED] (Show)

Buttons at the bottom include "Cancel", "Download .csv file", and "Return to users list".

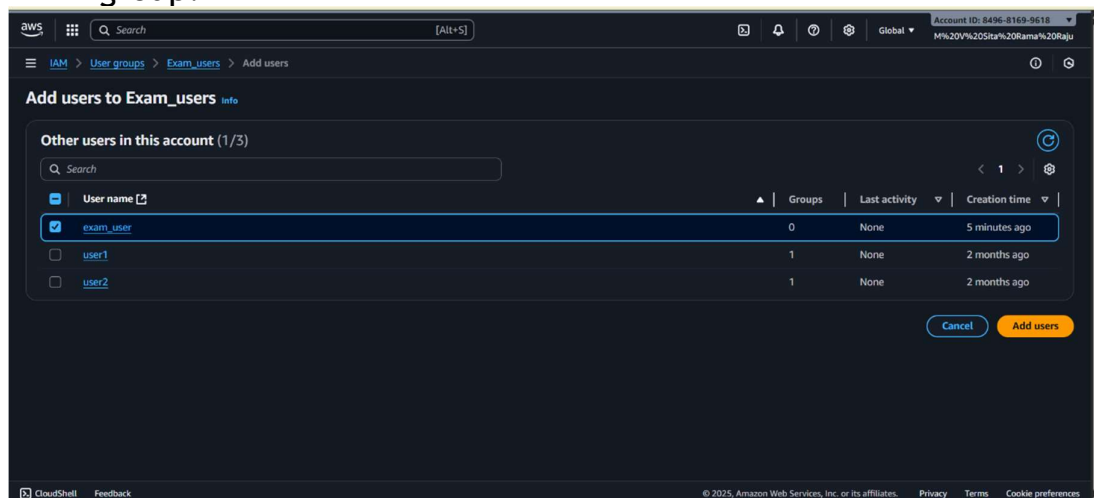
3. Create the IAM Group for S3 Access:

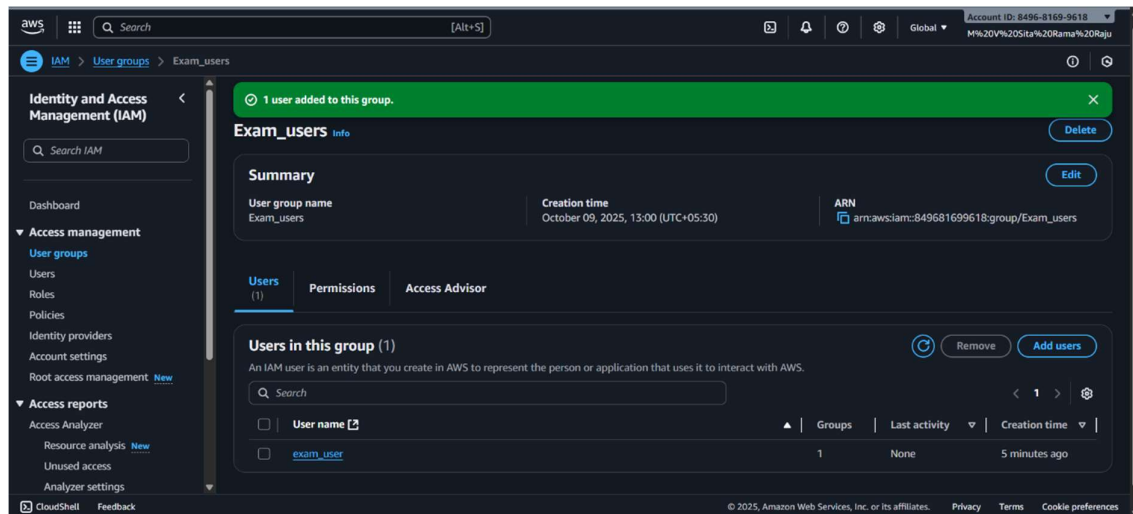
- After creating the user, navigate back to the IAM service.
- Choose User groups in the navigation pane, then click Create group.
- Provide a User group name
- Search for and select a suitable AWS managed policy for S3 access, such as AmazonS3FullAccess
- Review the group details and create the group.



4. Add the User to the S3 Access Group:

- Navigate back to the created IAM group (S3-Access-Group).
- Under the Users tab, click Add users.
- Select the ec2-s3-user you created earlier and add them to this group.





Now, the ec2-s3-user has:

- EC2 permissions directly attached through the chosen EC2 policy.
- S3 permissions inherited from the S3-Access-Group they are a member of.