Assignment: IAM Users and Groups Setup

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Course: AWS DevOps

Problem Statement

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

Tasks to Be Performed

1 Create 4 IAM users named Dev1, Dev2, Test1, and Test2.

2 Create 2 IAM groups named Dev Team and Ops Team.

3 Add Dev1 and Dev2 to the Dev Team.
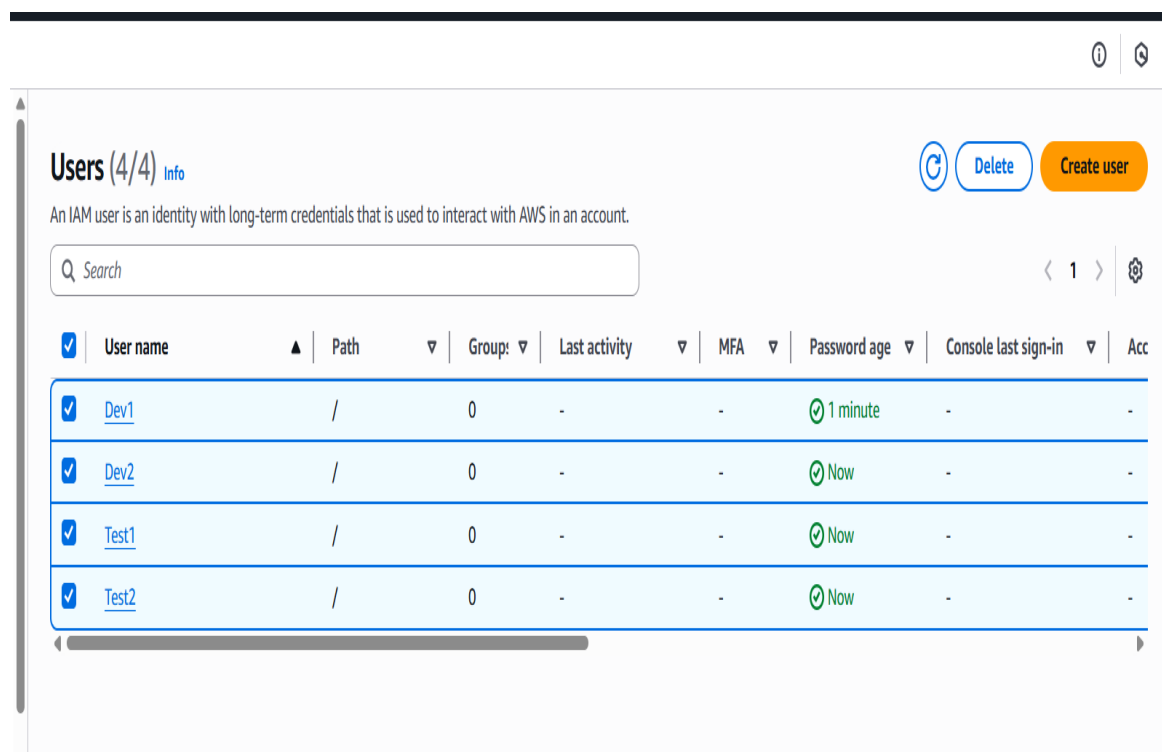
4 Add Dev1, Test1, and Test2 to the Ops Team.

Implementation Steps (Using AWS Management Console)

Step 1 — Open IAM

Sign in to the AWS Management Console. Search for IAM and open it. You will be directed to the IAM Dashboard.

Step 2 — Create 4 IAM Users

In the IAM console, go to Users → Create user. Enter user names as Dev1, Dev2, Test1, and Test2. Keep default settings and create users.
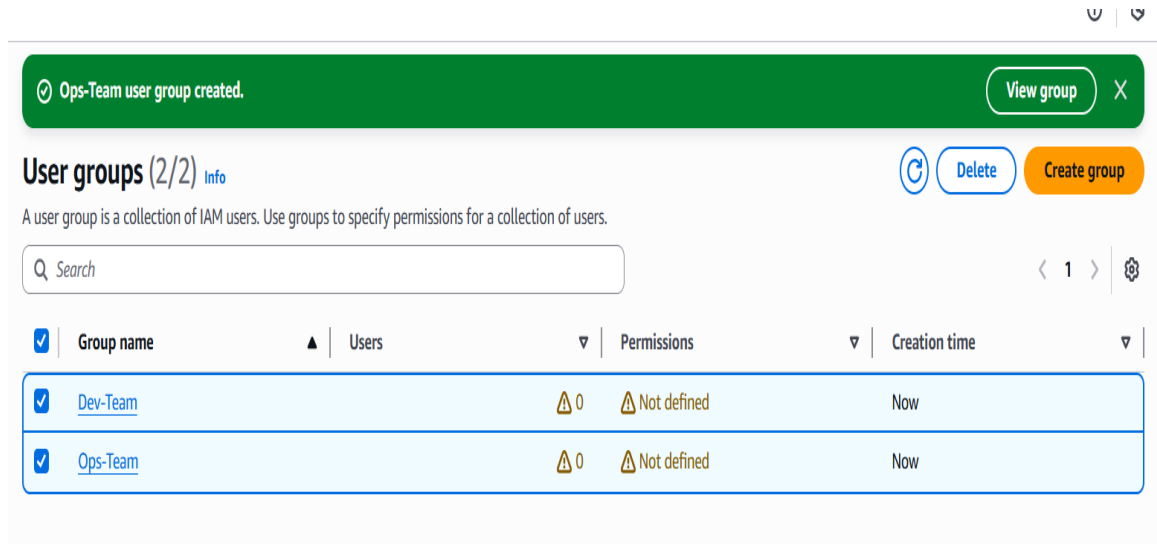
Step 3 — Create 2 IAM Groups

In the IAM console, go to User groups → Create group. Create Dev-Team and Ops-Team (without spaces).
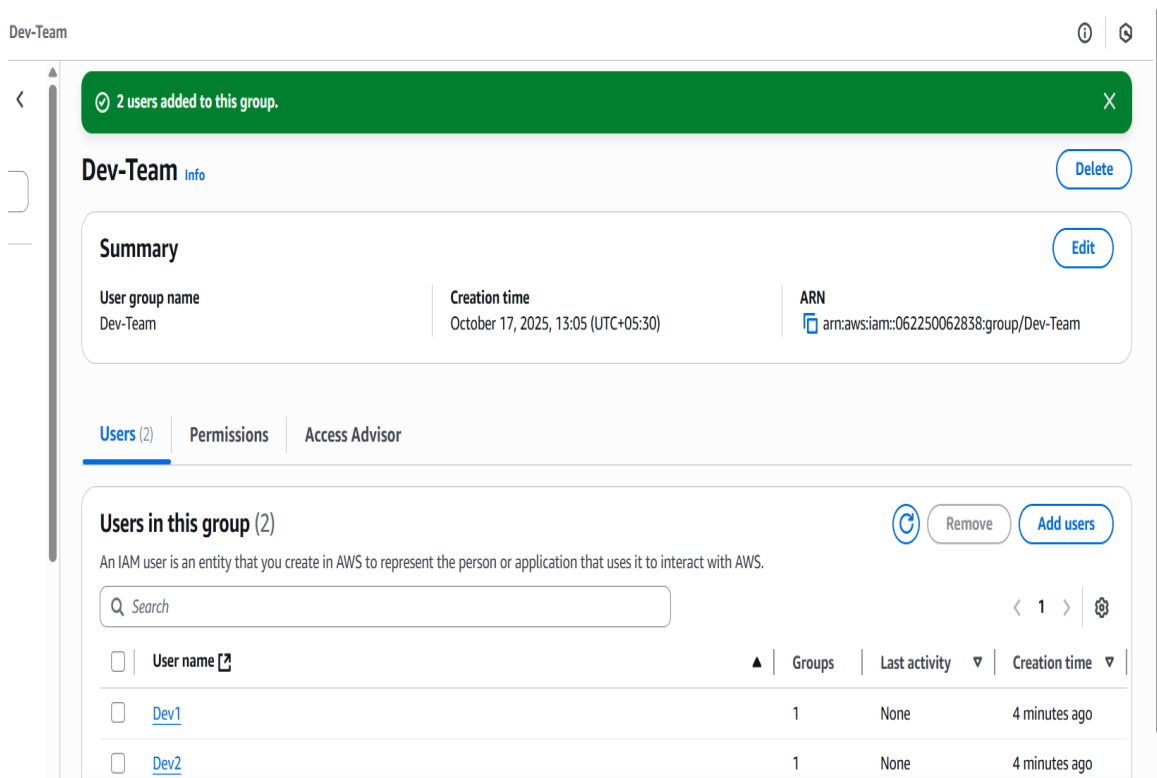
Step 4 — Add Users to Dev Team

Go to User groups → Dev-Team → Add users → select Dev1 and Dev2 → Add users.

Step 5 — Add Users to Ops Team

Go to User groups → Ops-Team → Add users → select Dev1, Test1, and Test2 → Add users.

Step 6 — Verify the Setup

Go to Users → select each user → Groups tab. Verify group memberships as per requirements.

Dev2 Info

Delete

Summary

ARN
arn:aws:iam::062250062838:user/Dev2

Created
October 17, 2025, 13:04 (UTC+05:30)

Console access
⚠ Enabled without MFA

Last console sign-in
ⓘ Never

Access key 1
Create access key

Permissions | **Groups** (1) | Tags | 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 ↗	▽
Dev-Team	-	

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st1

Test1 Info

Delete

Summary

ARN
arn:aws:iam::062250062838:user/Test1

Created
October 17, 2025, 13:04 (UTC+05:30)

Console access
⚠ Enabled without MFA

Last console sign-in
ⓘ Never

Access key 1
Create access key

Permissions | **Groups** (1) | Tags | 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 ↗	▽
Ops-Team	-	

Test2 Info

Delete

Summary

ARN
arn:aws:iam::062250062838:user/Test2

Created
October 17, 2025, 13:04 (UTC+05:30)

Console access
⚠ Enabled without MFA

Last console sign-in
ⓘ Never

Access key 1
Create access key

Permissions | **Groups** (1) | Tags | Security credentials | Last Accessed

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Group name ▲	Attached policies ↗	▽
Ops-Team	-	

Final Output

Successfully created and organized IAM users and groups as per the given requirements. This setup enhances AWS account security and provides clear user-role segregation for better management.