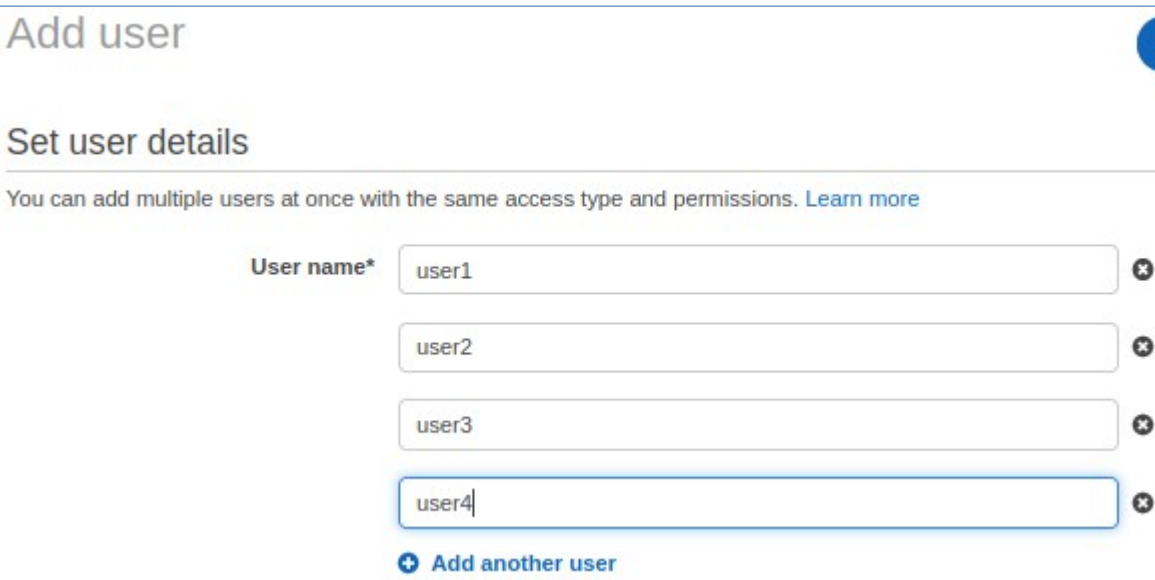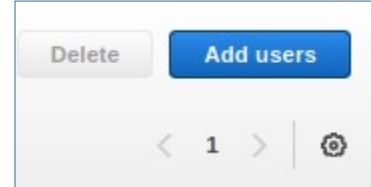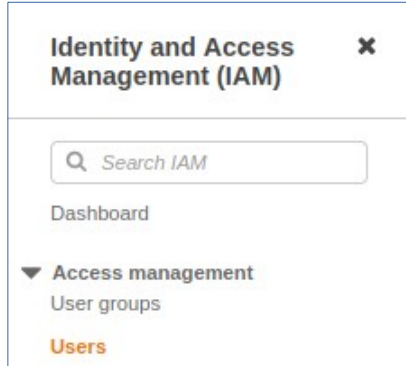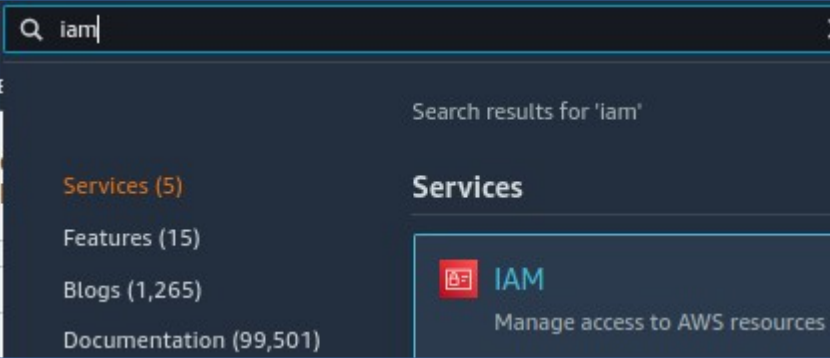# Module-8 Assignment – 1
# IAM

You have been asked to:

1. Create 4 IAM users named "user1", "user2", "user3", and "user4"
2. Create 2 Groups named "Dev Team" and "Ops Team"
3. Add user1 and user2 to the Dev Team
4. Add user1, user3 and user4 to the Ops team

**1**

Q iam

Search results for 'iam'

Services (5)

**Services**

Features (15)

Blogs (1,265)

Documentation (99,501)

**IAM**

Manage access to AWS resources

**2**

**Identity and Access Management (IAM)** ✕

Q Search IAM

Dashboard

▼ Access management
User groups
Users

**3**

Delete    **Add users**

‹ 1 › | ⚙

**4**

Add user

Set user details

You can add multiple users at once with the same access type and permissions. Learn more

User name*    user1    ⊗

user2    ⊗

user3    ⊗

user4    ⊗

⊕ Add another user

1. Open IAM console
2. Select Uses console
3. Select Add users
4. Add 4 users

## Select AWS access type

Select how these users will primarily access AWS. If you choose only programmatic access, it does NOT prevent users from accessing the console using an assumed role. Access keys and autogenerated passwords are provided in the last step. Learn more

**Select AWS credential type\*** ☐ **Access key - Programmatic access**
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

☑ **Password - AWS Management Console access**
Enables a **password** that allows users to sign-in to the AWS Management Console.

**Console password\*** ● Autogenerated password
○ Custom password

**Require password reset** ☑ Users must create a new password at next sign-in
Users automatically get the IAMUserChangePassword policy to allow them to change their own password.



---

IAM > Users

**Users** (5) 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

| | User name | Groups | Last activity | MFA | Password age | Active key age |
|---|---|---|---|---|---|---|
| ☐ | myadmin | None | ✅ 14 days ago | None | ✅ 42 days ago | ✅ 8 hours ago |
| ☐ | user1 | None | Never | None | ✅ 4 minutes ago | - |
| ☐ | user2 | None | Never | None | ✅ 4 minutes ago | - |
| ☐ | user3 | None | Never | None | ✅ 4 minutes ago | - |
| ☐ | user4 | None | Never | None | ✅ 4 minutes ago | - |



5. Select password policies
6. Complete the process and verify that users are created

**Identity and Access Management (IAM)** ✖

Search IAM

Dashboard

▼ **Access management**
User groups

**Users**

**7**

## Create user group

### Name the group

**User group name**
Enter a meaningful name to identify this group.

DevTeam

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

**8**

**Add users to the group - Optional** (Selected 2/5) 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

< 1 >  ⚙

| ☐ | User name ↗ | | Groups | Last activity | Creation time |
|---|---|---|---|---|---|
| ☐ | myadmin | | 0 | 14 days ago | 1 month ago |
| ☑ | user1 | | 0 | None | 22 minutes ago |
| ☑ | user2 | | 0 | None | 22 minutes ago |
| ☐ | user3 | | 0 | None | 22 minutes ago |
| ☐ | user4 | | 0 | None | 22 minutes ago |

**9**

**Cancel**    **Create group**

**10**

**DevTeam**    Delete

**Summary**    Edit

User group name
DevTeam

Creation time
January 16, 2022, 17:42 (UTC+05:30)

ARN
arn:aws:iam::098760042302:group/DevTeam

**Users** | Permissions | Access Advisor

**Users in this group** (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.

Search

< 1 >  ⚙

| ☐ | User name ↗ | | Groups | Last activity | Creation time |
|---|---|---|---|---|---|
| ☐ | user2 | | 1 | None | 24 minutes ago |
| ☐ | user1 | | 1 | None | 24 minutes ago |

**11**

7. Select user groups and select create group
8. Name the group "DevTeam"
9. Select users to add to group
10. Create group
11. Verify that group is created correctly

# Create user group

## Name the group

**(12)**

**User group name**
Enter a meaningful name to identify this group.

OpsTeam

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

**Add users to the group - *Optional*** (Selected 3/5) **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                                                                 ‹ 1 › ⚙

**(13)**

| ☐ | User name ⧉ | Groups | Last activity | Creation time |
|---|---|---|---|---|
| ☐ | myadmin | 0 | 14 days ago | 1 month ago |
| ☑ | user1 | 1 | None | 26 minutes ago |
| ☐ | user2 | 1 | None | 26 minutes ago |
| ☑ | user3 | 0 | None | 26 minutes ago |
| ☑ | user4 | 0 | None | 26 minutes ago |

**Cancel**  **Create group**   **(14)**

# OpsTeam

## Summary

| User group name | Creation time | ARN |
|---|---|---|
| OpsTeam | January 16, 2022, 17:46 (UTC+05:30) | ⧉ arn:aws:iam::098760042302:group/OpsTeam |

**Users**  Permissions  Access Advisor

**(15)**

**Users in this group** (3) **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.

🔍 Search

| ☐ | User name ⧉ | Groups | Last activity | Creation time |
|---|---|---|---|---|
| ☐ | user4 | 1 | None | 28 minutes ago |
| ☐ | user1 | 2 | None | 28 minutes ago |
| ☐ | user3 | 1 | None | 28 minutes ago |

**12-15. Repeat the same steps as in 7-12 to create the group "OpsTeam"**