Create 6 IAM Users:
1. Alice
2. Bob
3. Charles
4. David
5. Edward
6. Fred

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

	User name ▲	Path ▽	Groups ▽	Last activity ▽	MFA ▽	Password age
☐	Alice	/	0	-	-	-
☐	Bob	/	0	-	-	-
☐	Charles	/	0	-	-	-
☐	David	/	0	-	-	-
☐	Edward	/	0	-	-	-
☐	fardin	/	0	⊘ 4 days ago	-	-
☐	Fred	/	0	-	-	-

Create 3 groups:
1. Developers
2. Operations
3. Audit-Team

Q1.Create group Developers

Assign the "IAMReadOnlyAccess" policy to the Developers group

Q2.Create group operation

Assign the "IAMReadOnlyAccess" policy to the Operations group

Q3.Create group Audit-Team

Assign the "IAMFullAccess" policy to the Audit-Team group

User group name	Creation time	ARN
Audit-Team	January 11, 2024, 11:00 (UTC+05:30)	arn:aws:iam::178929085397:group/Audit-Team

Users | **Permissions** | Access Advisor

Permissions policies (1) Info

You can attach up to 10 managed policies.

[↻] [Simulate ☑] [Remove] [Add permissions ▼]

Filter by Type

[Q Search] [All types ▼] ‹ 1 › ⚙

	Policy name ☑ ▲	Type ▽	Attached entities ▽
☐ ⊞ 📦 IAMFullAccess	AWS managed	1

- Add Alice, Bob, and Charles to the Developers group.

User group name	Creation time	ARN
Developers	January 11, 2024, 10:52 (UTC+05:30)	arn:aws:iam::178929085397:group/Developers

Users (3) | Permissions | Access Advisor

Users in this group (3)

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

[↻] [Remove] [Add users]

[Q Search] ‹ 1 › ⚙

	User name ☑ ▲	Groups	Last activity ▽	Creation time ▽
☐	Alice	1	None	19 minutes ago
☐	Bob	1	None	18 minutes ago
☐	Charles	1	None	17 minutes ago

Add David and Edward to the Operations group.

User group name	Creation time	ARN
Operation	January 11, 2024, 10:55 (UTC+05:30)	arn:aws:iam::178929085397:group/Operation

Users (2)   **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.

C   Remove   **Add users**

🔍 Search   ‹ 1 › ⚙

	User name 🔗 ▲	Groups	Last activity ▽	Creation time ▽
☐	David	1	None	18 minutes ago
☐	Edward	1	None	17 minutes ago

Add Charles and David to the Audit-Team group.

User group name	Creation time	ARN
Audit-Team	January 11, 2024, 11:00 (UTC+05:30)	arn:aws:iam::178929085397:group/Audit-Team

Users (2)   **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.

C   Remove   **Add users**

🔍 Search   ‹ 1 › ⚙

	User name 🔗 ▲	Groups	Last activity ▽	Creation time ▽
☐	Charles	2	None	20 minutes ago
☐	David	2	None	19 minutes ago

Assign an inline policy to Fred.

Fred Info

Delete

Summary

ARN	Console access	Access key 1
arn:aws:iam::178929085397:user/Fred	⚠ Enabled without MFA	Create access key
Created	Last console sign-in	
January 11, 2024, 10:47 (UTC+05:30)	ⓘ Never	

Permissions	Groups	Tags	Security credentials	Access Advisor

Permissions policies (2)

Permissions are defined by policies attached to the user directly or through groups.

[↻] [Remove] [Add permissions ▼]

Filter by Type

[Q Search]   [All types ▼]   ‹ 1 › ⚙

	Policy name [↗]	▲	Type	▽	Attached via [↗]
☐	⊞ IAM_EC2_POLICY		Customer inline		Inline
☐	⊞ 🟧 IAMUserChangePassword		AWS managed		Directly

Log into the AWS account as an IAM user, add MFA, install AWS CLI, configure it in the terminal, and list IAM user actions using CLI command.

Charles Info

Delete

Summary

ARN	Console access	Access key 1
arn:aws:iam::178929085397:user/Charles	Enabled with MFA	Create access key
Created	Last console sign-in	
January 11, 2024, 10:44 (UTC+05:30)	ⓘ Never	

```
root@FARDIN:/mnt/f# aws iam list-users
{
    "Users": [
        {
            "Path": "/",
            "UserName": "Alice",
            "UserId": "AIDASTKIBFPKX75OSRVHX",
            "Arn": "arn:aws:iam::178929085397:user/Alice",
            "CreateDate": "2024-01-11T05:12:33Z",
            "PasswordLastUsed": "2024-01-11T06:10:50Z"
        },
        {
            "Path": "/",
            "UserName": "Bob",
            "UserId": "AIDASTKIBFPKZB6E66SVL",
            "Arn": "arn:aws:iam::178929085397:user/Bob",
            "CreateDate": "2024-01-11T05:13:46Z"
        },
        {
            "Path": "/",
            "UserName": "Charles",
            "UserId": "AIDASTKIBFPK2FLO2EMCR",
            "Arn": "arn:aws:iam::178929085397:user/Charles",
            "CreateDate": "2024-01-11T05:14:41Z",
            "PasswordLastUsed": "2024-01-11T06:32:54Z"
        },
        {
            "Path": "/",
            "UserName": "David",
            "UserId": "AIDASTKIBFPK5JOACRHB3",
            "Arn": "arn:aws:iam::178929085397:user/David",
```