

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.

<input type="checkbox"/>	User name	Path	Group:	Last activity	MFA	Password age
<input type="checkbox"/>	<a href="#">Alice</a>	/	0	-	-	-
<input type="checkbox"/>	<a href="#">Bob</a>	/	0	-	-	-
<input type="checkbox"/>	<a href="#">Charles</a>	/	0	-	-	-
<input type="checkbox"/>	<a href="#">David</a>	/	0	-	-	-
<input type="checkbox"/>	<a href="#">Edward</a>	/	0	-	-	-
<input type="checkbox"/>	<a href="#">fardin</a>	/	0	✓ 4 days ago	-	-
<input type="checkbox"/>	<a href="#">Fred</a>	/	0	-	-	-

Create 3 groups:

1. Developers
2. Operations
3. Audit-Team

### Q1.Create group Developers

## Assign the "IAMReadOnlyAccess" policy to the Developers group

### Name the group

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

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

<input type="checkbox"/>		<a href="#">AWSIAMIdentityCe...</a>	AWS managed	None	Provides the list of actions that are all.
<input type="checkbox"/>		<a href="#">AWSQuickSightList...</a>	AWS managed	None	Allow QuickSight to list IAM entities
<input type="checkbox"/>		<a href="#">IAMAccessAdvisorR...</a>	AWS managed	None	This policy grants access to read all acc
<input type="checkbox"/>		<a href="#">IAMAccessAnalyzer...</a>	AWS managed	None	Provides full access to IAM Access Ana
<input type="checkbox"/>		<a href="#">IAMAccessAnalyzer...</a>	AWS managed	None	Provides read only access to IAM Acces
<input type="checkbox"/>		<a href="#">IAMFullAccess</a>	AWS managed	None	Provides full access to IAM via the AW.
<input checked="" type="checkbox"/>		<a href="#">IAMReadOnlyAccess</a>	AWS managed	None	Provides read only access to IAM via th
<input type="checkbox"/>		<a href="#">IAMSelfManageSer...</a>	AWS managed	None	Allows an IAM user to manage their o.
<input type="checkbox"/>		<a href="#">IAMUserChangePa...</a>	AWS managed	None	Provides the ability for an IAM user to
<input type="checkbox"/>		<a href="#">IAMUserSSHKeys</a>	AWS managed	None	Provides the ability for an IAM user to

Cancel
Create group

## Q2.Create group operation

### Assign the "IAMReadOnlyAccess" policy to the Operations group

User group name

Operation

Creation time

January 11, 2024, 10:55 (UTC+05:30)

ARN

arn:aws:iam::178929085397:group/Operation

Users

**Permissions**

Access Advisor

Permissions policies (1) [Info](#)

↻

Simulate [↗](#)

Remove

Add permissions ▼

You can attach up to 10 managed policies.

Filter by Type

All types ▼

< 1 >

⚙️

<input type="checkbox"/>	Policy name <a href="#">↗</a>	Type	Attached entities
<input type="checkbox"/>	<a href="#">IAMReadOnlyAccess</a>	AWS managed	2

Q3.Create group Audit-Team

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

User group name  
Audit-Team

Creation time  
January 11, 2024, 11:00 (UTC+05:30)

ARN  
arn:aws:iam::178929085397:group/Audit-Team

Users

Permissions

Access Advisor

Permissions policies (1) Info

⌂

Simulate

Remove

Add permissions

You can attach up to 10 managed policies.

Filter by Type

Search

All types

< 1 >

⚙

<input type="checkbox"/>	Policy name	Type	Attached entities
<input type="checkbox"/>	IAMFullAccess	AWS managed	1

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

User group name  
Developers

Creation time  
January 11, 2024, 10:52 (UTC+05:30)

ARN  
arn:aws:iam::178929085397:group/Developers

Users (3)

Permissions

Access Advisor

Users in this group (3)

⌂

Remove

Add users

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 >

⚙

<input type="checkbox"/>	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	<a href="#">Alice</a>	1	None	19 minutes ago
<input type="checkbox"/>	<a href="#">Bob</a>	1	None	18 minutes ago
<input type="checkbox"/>	<a href="#">Charles</a>	1	None	17 minutes ago

Add David and Edward to the Operations group.

User group name  
Operation

Creation time  
January 11, 2024, 10:55 (UTC+05:30)

ARN  
arn:aws:iam::178929085397:group/Operation

Users (2)

Permissions

Access Advisor

Users in this group (2)

↺

Remove

Add users

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

Q Search

< 1 > ⚙

<input type="checkbox"/>	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	<a href="#">David</a>	1	None	18 minutes ago
<input type="checkbox"/>	<a href="#">Edward</a>	1	None	17 minutes ago

Add Charles and David to the Audit-Team group.

User group name  
Audit-Team

Creation time  
January 11, 2024, 11:00 (UTC+05:30)

ARN  
arn:aws:iam::178929085397:group/Audit-Team

Users (2)

Permissions

Access Advisor

Users in this group (2)

↺

Remove

Add users

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

Q Search

< 1 > ⚙

<input type="checkbox"/>	User name	Groups	Last activity	Creation time
<input type="checkbox"/>	<a href="#">Charles</a>	2	None	20 minutes ago
<input type="checkbox"/>	<a href="#">David</a>	2	None	19 minutes ago

Assign an inline policy to Fred.


Fred

Info


Delete

Summary

ARN

arn:aws:iam::178929085397:user/Fred

Console access

Enabled without MFA


Access key 1

Create access key

Created

January 11, 2024, 10:47 (UTC+05:30)

Last console sign-in

Never

Permissions


Groups

Tags

Security credentials

Access Advisor

Permissions policies (2)

RemoveAdd permissions


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

Filter by Type

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

arn:aws:iam::178929085397:user/Charles

Console access

Enabled with MFA


Access key 1

Create access key

Created

January 11, 2024, 10:44 (UTC+05:30)

Last console sign-in

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",

```