

# Task-6

Create user and assign roles to them in your preferred cloud.

Create two users and assign roles to them accordingly

Start:

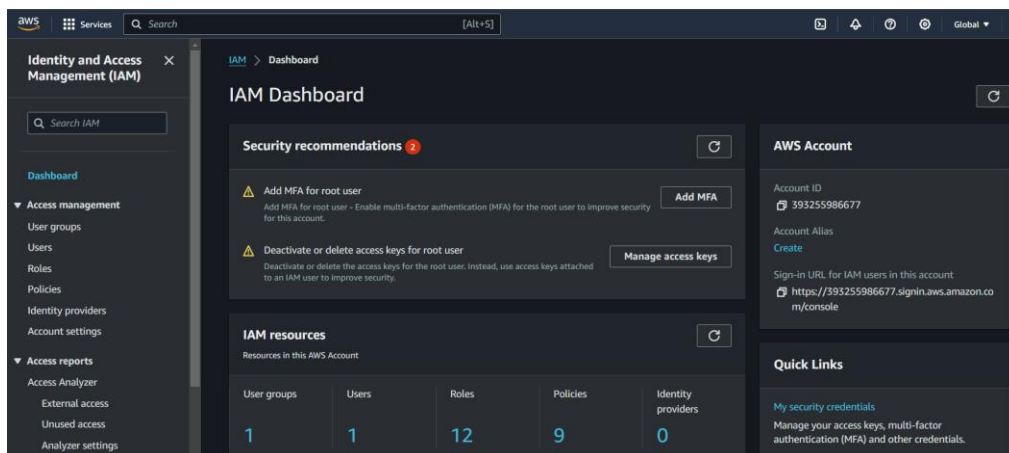
Cloud: AWS

First, I am creating two users in AWS, next I am Assign roles to them in single AWS account.

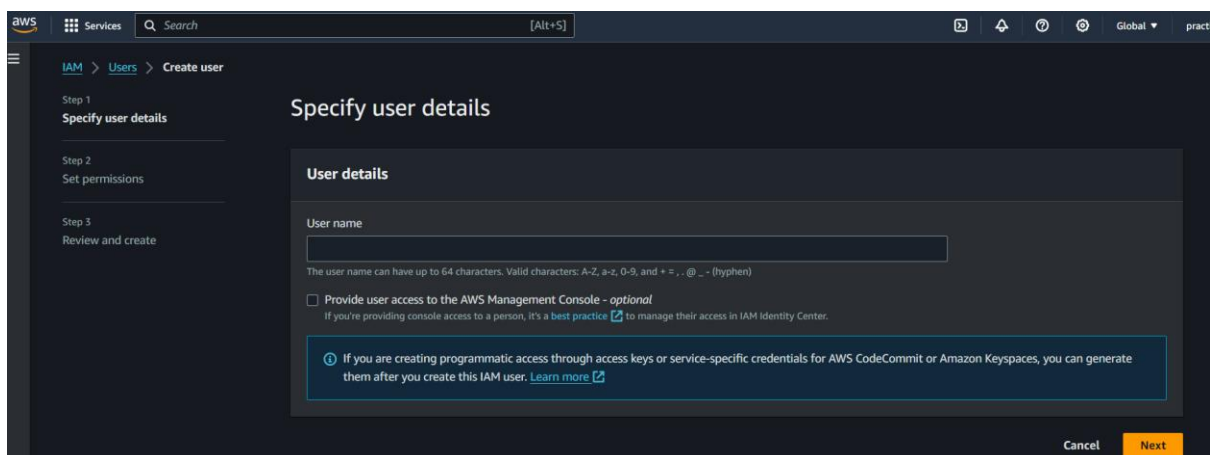
## Step-1

Open AWS console, and go to IAM dashboard, create 2 users (IT admin and billing manager).

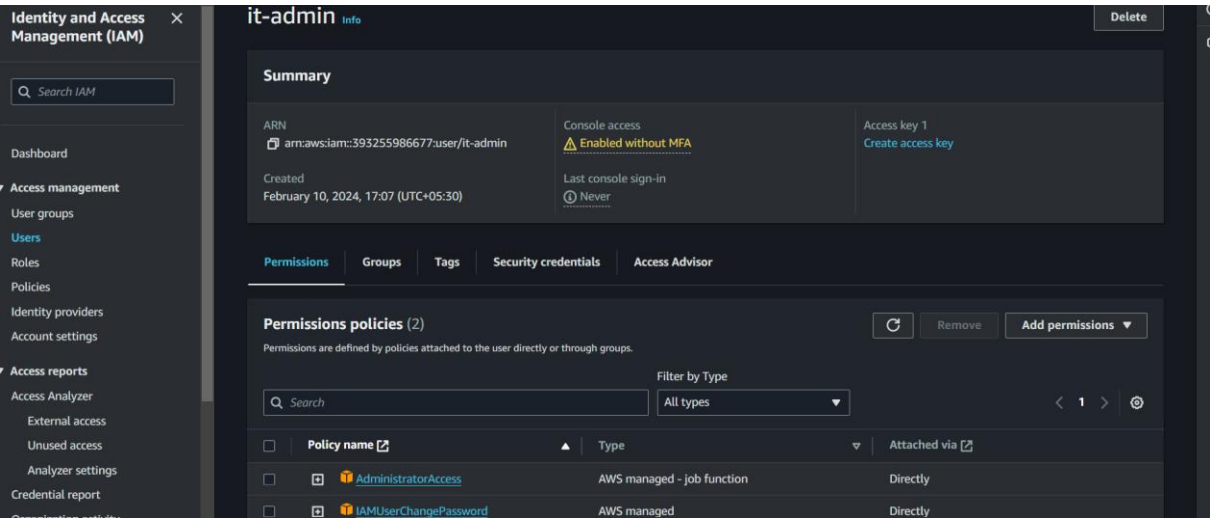
## IAM dashboard



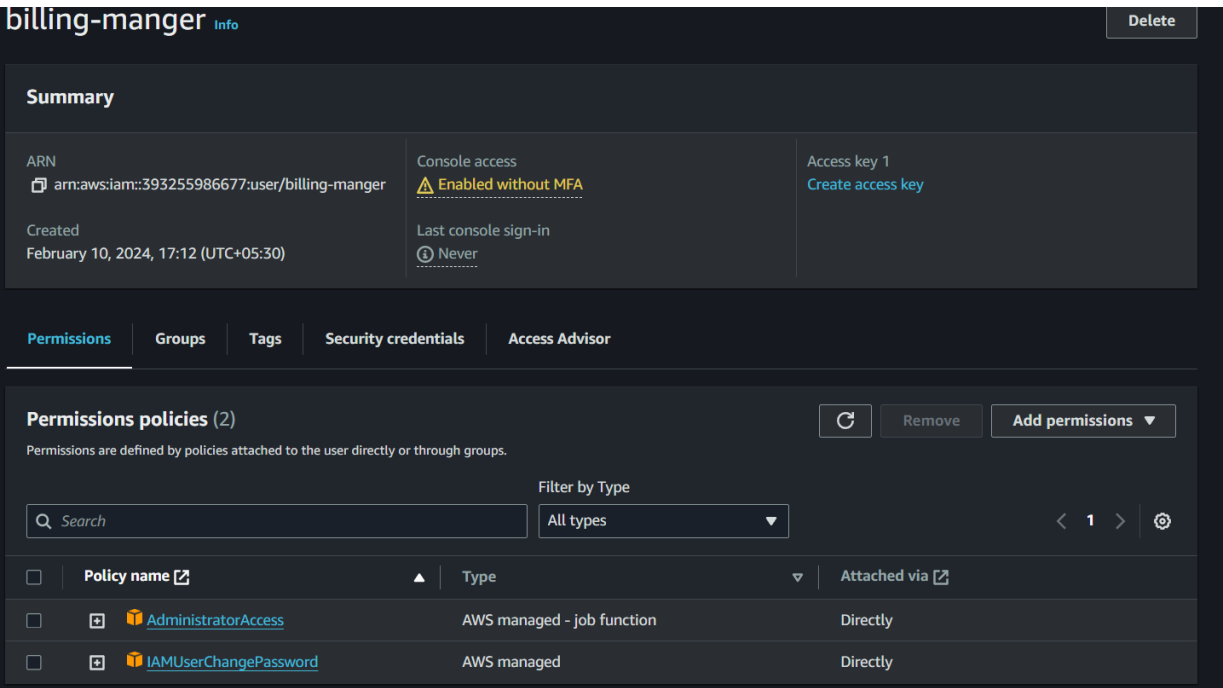
## Creating users



Create it-admin user, I am giving custom password, add permission “administer access” (granted full access), then click next.



Create another user is billing-manger, add custom password, add “administer access” permissions. Then click next.



Step-2:

Create roles

Login IAM user



## Sign in as IAM user

Account ID (12 digits) or account alias

IAM user name

Password

☐ Remember this account

**Sign in**

[Sign in using root user email](#)

[Forgot password?](#)



## Sign in as IAM user

Account ID (12 digits) or account alias

IAM user name

Password

☐ Remember this account

**Sign in**

[Sign in using root user email](#)

[Forgot password?](#)

## Create roles

It-admin user and assign the role

[IAM](#) > Roles

**Roles (12)** [Info](#)

[Refresh](#) [Delete](#) [Create role](#)

An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.

☐

**Role name**

☐

**Trusted entities**

☐

**Last activity**

<input type="checkbox"/>	<a href="#">amazon-function-1-role-wkpmdda5u</a>	AWS Service: lambda	29 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForAPIGateway</a>	AWS Service: ops.apigateway (Service)	-
<input type="checkbox"/>	<a href="#">AWSServiceRoleForApplicationAutoScaling_DynamoDBTable</a>	AWS Service: dynamodb.application-	29 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForBackup</a>	AWS Service: backup (Service-linked	2 days ago

IAM

>

Roles

>

Create role

Step 1

Select trusted entity

Step 2

Add permissions

Step 3

Name, review, and create

Name, review, and create

Role details

Role name

Enter a meaningful name to identify this role.

it-admin-role

Maximum 64 characters. Use alphanumeric and "+,=,@,-" characters.

Description

Add a short explanation for this role.

assign for role in users

Maximum 1000 characters. Use alphanumeric and "+,=,@,-" characters.

Step 1: Select trusted entities

Edit

Trust policy

## Billing-manger user and assign the role

IAM

>

Roles

Roles (12)

Info

Refresh

Delete

Create role

Search

< 1 > ⚙

<input type="checkbox"/>	Role name	Trusted entities	Last activity
<input type="checkbox"/>	<a href="#">amazon-function-1-role-wkpmda5u</a>	AWS Service: lambda	29 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForAPIGateway</a>	AWS Service: ops.apigateway(Servic	-
<input type="checkbox"/>	<a href="#">AWSServiceRoleForApplicationAutoScaling_DynamoDBTable</a>	AWS Service: dynamodb.application-	29 days ago
<input type="checkbox"/>	<a href="#">AWSServiceRoleForElastic...</a>	AWS Service: elasticsearch(Servic...	2 days ago

IAM

>

Roles

>

billing-manger-role

billing-manger-role

Info

Delete

assign for users

Summary

Edit

<div>Creation date</div> <div>February 10, 2024, 18:16 (UTC+05:30)</div>	<div>ARN</div> <div><a href="#">arn:aws:iam::393255986677:role/billing-manger-role</a></div>	<div>Link to switch roles in console</div> <div><a href="https://signin.aws.amazon.com/switchrole?roleName=billing-manger-role&amp;account=393255986677">https://signin.aws.amazon.com/switchrole?roleName=billing-manger-role&amp;account=393255986677</a></div>
<div>Last activity</div> <div>-</div>	<div>Maximum session duration</div> <div>1 hour</div>	

Permissions

Trust relationships

Tags

Access Advisor

Revoke sessions

Permissions policies (1)

Info

Refresh

Simulate

Remove

Add permissions

You can attach up to 10 managed policies.

Search

Filter by Type

All types

< 1 > ⚙

## Attach user with role

Type

AWS managed


Creation time

December 02, 2020, 00:33 (UTC+05:30)

Edited time

May 31, 2023, 22:38 (UTC+05:30)

ARN

 arn:aws:iam::aws:policy/AdministratorAccess-Amplify

Permissions

Entities attached

Policy versions (11)

Access Advisor

Attached as a permissions policy (2)

Attach

Detach

To grant permissions to an entity, attach a permissions policy to it.

Q Search


Filter by Entity type

All types

<

1

>



☐

Entity name

▲

Entity type

▼

☐

it-admin

IAM Users

☐

it-admin-role

Roles

Attach user with role

AWSBillingReadOnlyAccess

Info

Allows users to view bills on the Billing Console.

Policy details

Type

AWS managed


Creation time

August 28, 2020, 01:38 (UTC+05:30)

Edited time

January 17, 2024, 23:45 (UTC+05:30)

ARN

 arn:aws:iam::aws:policy/AWSBillingReadOnlyAccess

Permissions

Entities attached

Policy versions (5)

Access Advisor

Attached as a permissions policy (2)

Attach

Detach

To grant permissions to an entity, attach a permissions policy to it.

Q Search


Filter by Entity type

All types

<

1

>



☐

Entity name

▲

Entity type

▼

☐

billing-manger

IAM Users

☐

billing-manger-role

Roles

