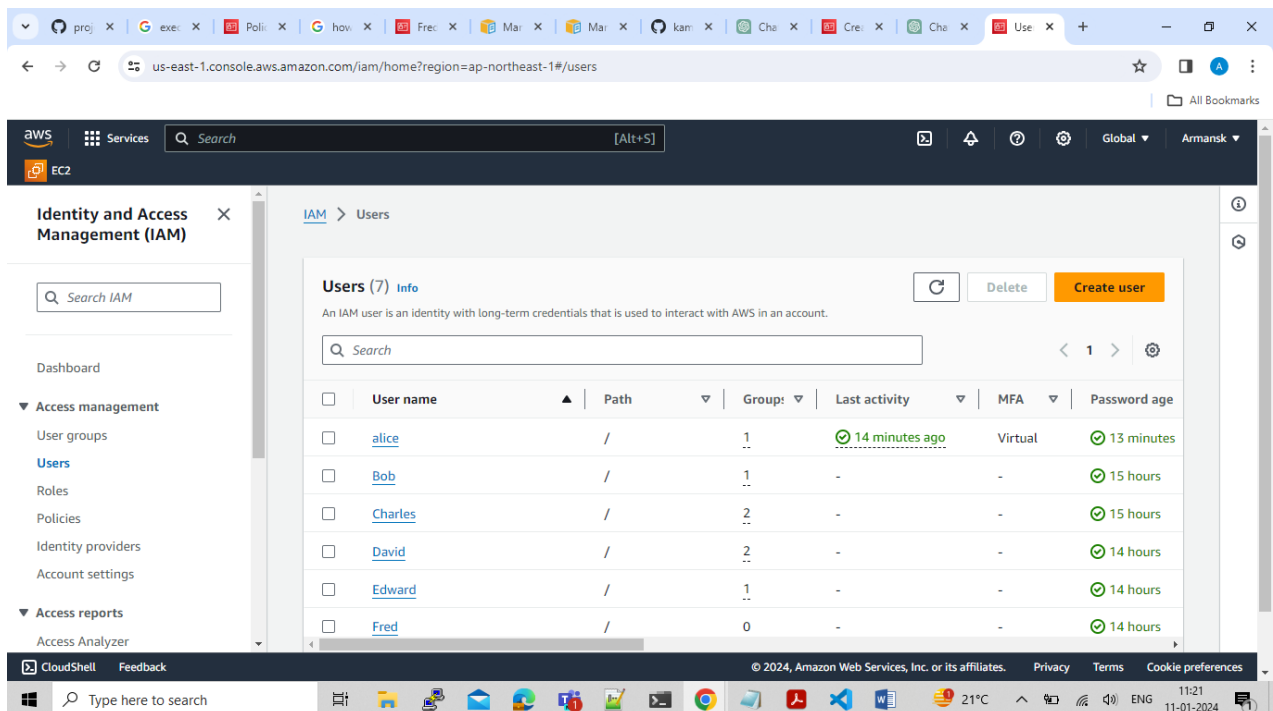


AWS ASSIGNMENT -01

Create 6 IAM Users:

1. Alice
2. Bob
3. Charles
4. David
5. Edward
6. Fred



The screenshot displays the AWS IAM console interface. The left sidebar shows the 'Identity and Access Management (IAM)' section with a search bar and a list of navigation items: Dashboard, Access management (expanded), User groups, Users (selected), Roles, Policies, Identity providers, Account settings, Access reports (expanded), and Access Analyzer. The main content area is titled 'Users (7) Info' and includes a 'Create user' button. Below this, a table lists the users with columns for checkboxes, User name, Path, Groups, Last activity, MFA, and Password age.

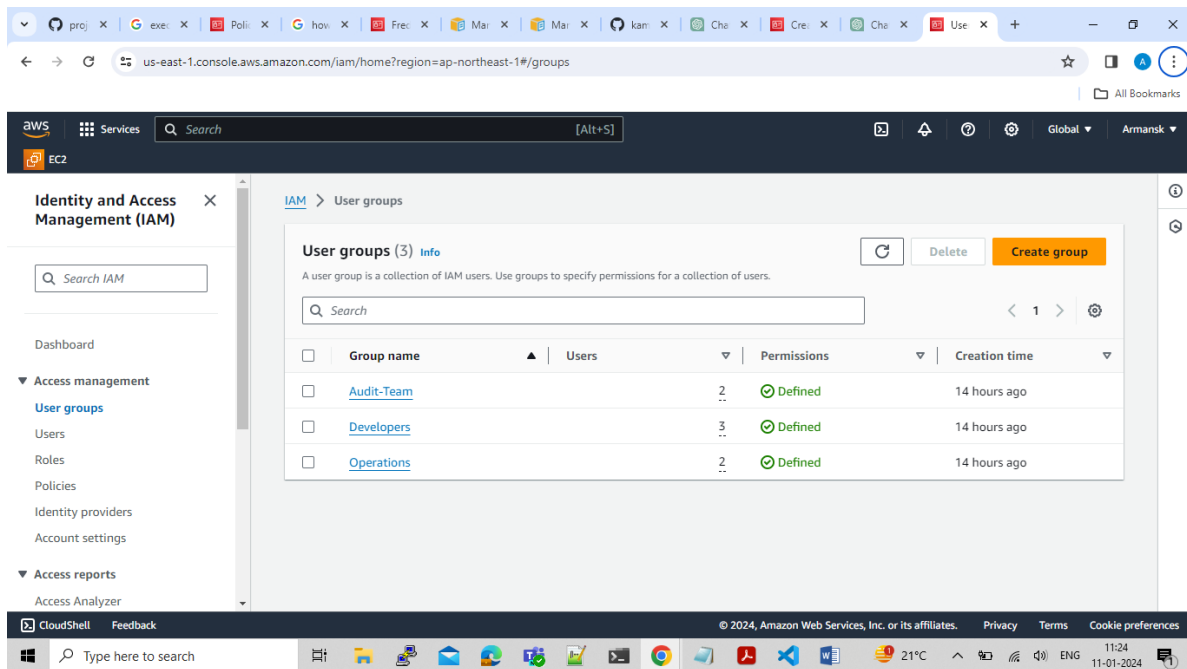
	User name	Path	Groups	Last activity	MFA	Password age
<input type="checkbox"/>	alice	/	1	✓ 14 minutes ago	Virtual	✓ 13 minutes
<input type="checkbox"/>	Bob	/	1	-	-	✓ 15 hours
<input type="checkbox"/>	Charles	/	2	-	-	✓ 15 hours
<input type="checkbox"/>	David	/	2	-	-	✓ 14 hours
<input type="checkbox"/>	Edward	/	1	-	-	✓ 14 hours
<input type="checkbox"/>	Fred	/	0	-	-	✓ 14 hours

Create 3 groups:

1. Developers

2. Operations

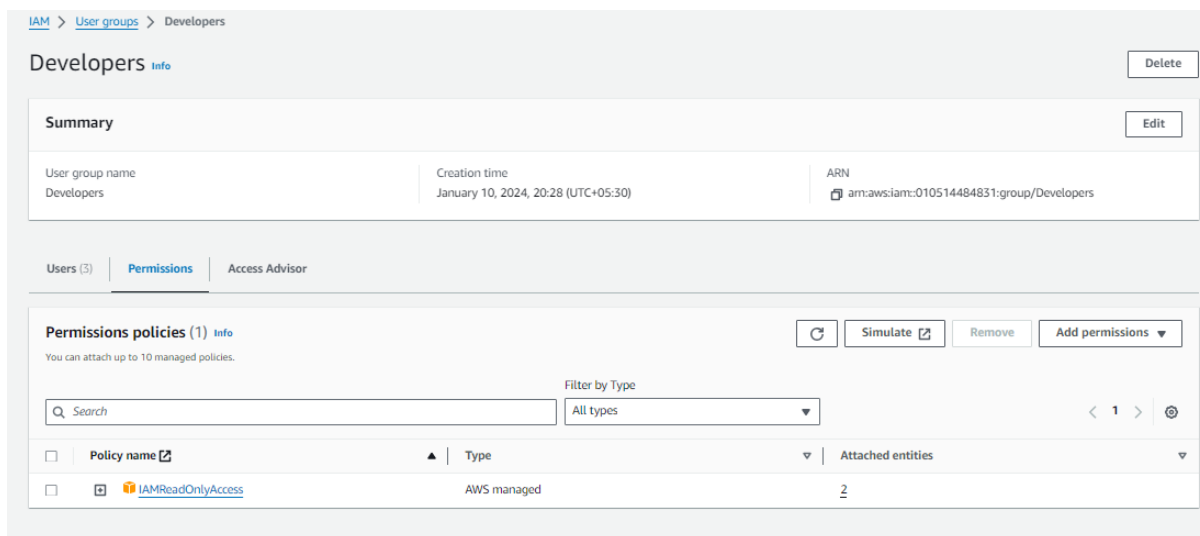
3. Audit-Team



Assign the "IAMReadOnlyAccess" policy to the Developers group.

Assign the "IAMReadOnlyAccess" policy to the Operations group.

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



IAM > User groups > Operations

Operations

Info

Delete

Summary

Edit


User group name

Operations

Creation time

January 10, 2024, 20:29 (UTC+05:30)

ARN


 arn:aws:iam:010514484831:group/Operations

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 		Last activity 	Creation time 	
<input type="checkbox"/>	David		2	None	15 hours ago
<input type="checkbox"/>	Edward		1	None	15 hours ago

IAM > User groups > Audit-Team

Audit-Team

Info

Delete

Summary

Edit


User group name

Audit-Team

Creation time

January 10, 2024, 20:29 (UTC+05:30)

ARN


 arn:aws:iam:010514484831:group/Audit-Team


Users (2)

Permissions


Access Advisor

Permissions policies (1) Info



Simulate 


Remove


Add permissions 





You can attach up to 10 managed policies.

Q Search

Filter by Type

All types 

< 1 > 

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

Add Alice, Bob, and Charles to the Developers group.
Add David and Edward to the Operations group.
Add Charles and David to the Audit-Team group.
Assign an inline policy to Fred.

[IAM](#) > [User groups](#) > Developers

Developers [Info](#)

Delete

Summary

Edit

User group name

Developers

Creation time

January 10, 2024, 20:28 (UTC+05:30)

ARN

arn:aws:iam::010514484831:group/Developers

Users (3)

Permissions

Access Advisor

Users in this group (3)

Refresh

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"/>	alice		1	23 minutes ago	15 hours ago
<input type="checkbox"/>	Bob		1	None	15 hours ago
<input type="checkbox"/>	Charles		2	None	15 hours ago

[IAM](#) > [User groups](#) > Audit-Team

Audit-Team [Info](#)

Delete

Summary

Edit

User group name

Audit-Team

Creation time

January 10, 2024, 20:29 (UTC+05:30)

ARN

arn:aws:iam::010514484831:group/Audit-Team

Users (2)

Permissions

Access Advisor

Users in this group (2)

Refresh

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"/>	Charles		2	None	15 hours ago
<input type="checkbox"/>	David		2	None	15 hours ago

Operations Info

Delete

Summary

Edit

User group name
Operations

Creation time
January 10, 2024, 20:29 (UTC+05:30)

ARN
 arn:aws:iam::010514484831:group/Operations

[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.



Remove

Add users


< 1 > 


<input type="checkbox"/>	User name 		Groups	Last activity 	Creation time 
<input type="checkbox"/>	David		2	None	15 hours ago
<input type="checkbox"/>	Edward		1	None	15 hours ago

Fred Info

Delete


Summary

ARN
 arn:aws:iam::010514484831:user/Fred

Console access
 Enabled without MFA

Access key 1
[Create access key](#)

Created
January 10, 2024, 20:24 (UTC+05:30)

Last console sign-in
 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

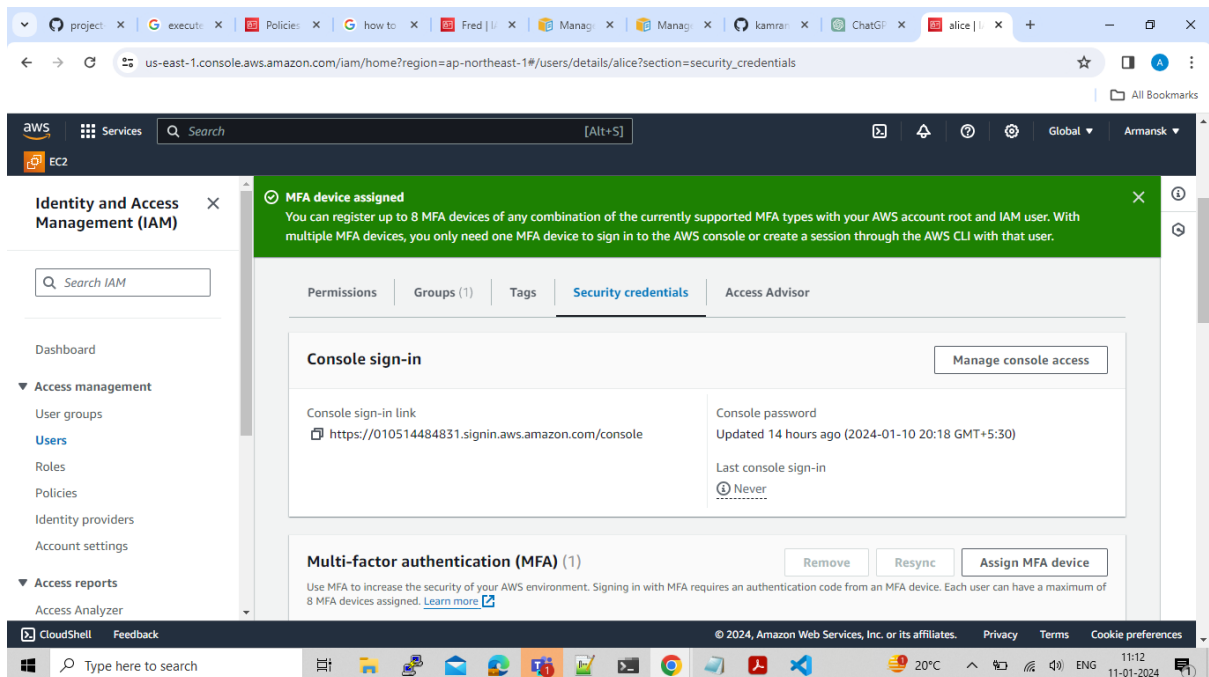
Add permissions 

Filter by Type

< 1 > 

<input type="checkbox"/>	Policy name 		Type 	Attached via 
<input type="checkbox"/>	 IAMUserChangePassword		AWS managed	Directly
<input type="checkbox"/>	 inline_policy		Customer inline	Inline

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.



```
root@DESKTOP-0ANCI6F:/mnt/d/VISUAL_STUDIO/ASSIGNMENT# aws
configure
AWS Access Key ID [*****FBMD]: AKIAQE4VWJZPZ6EMZ4GE
AWS Secret Access Key [*****gCO4]:
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
Default region name [ap-northeast-1]:
Default output format [json]: json
```

```
root@DESKTOP-0ANCI6F:/mnt/d/VISUAL_STUDIO/ASSIGNMENT# aws sts get-caller-identity
{
  "UserId": "AIDAQE4VWJZPW2JAQVSR3",
  "Account": "010514484831",
  "Arn": "arn:aws:iam::010514484831:user/Bob"
}
```