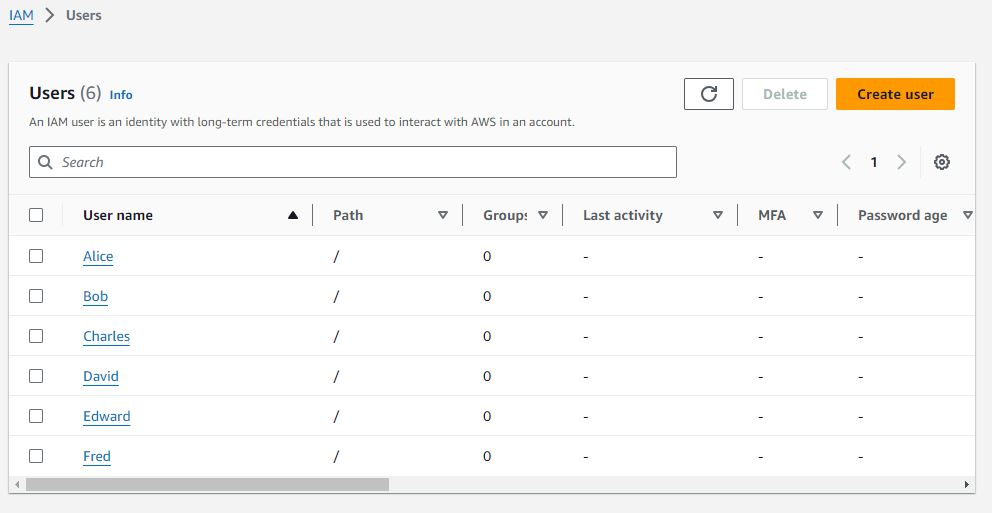
**AWS IAM HANDS ON PART 01**

Create 6 IAM Users:

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

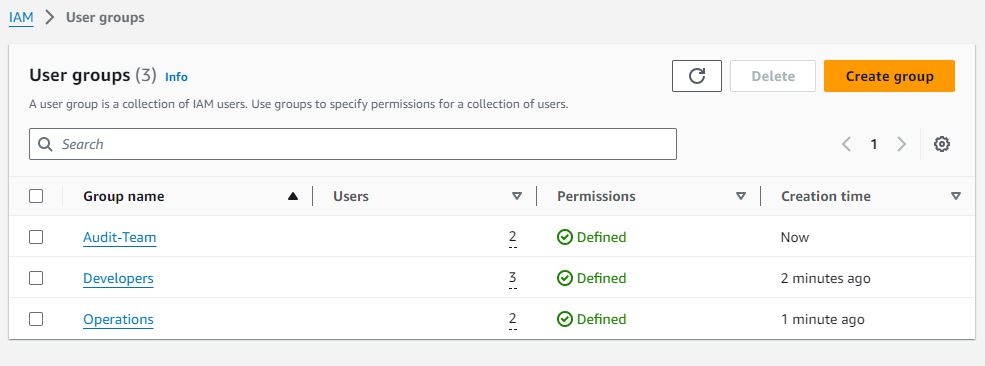
Ans



Create 3 groups:

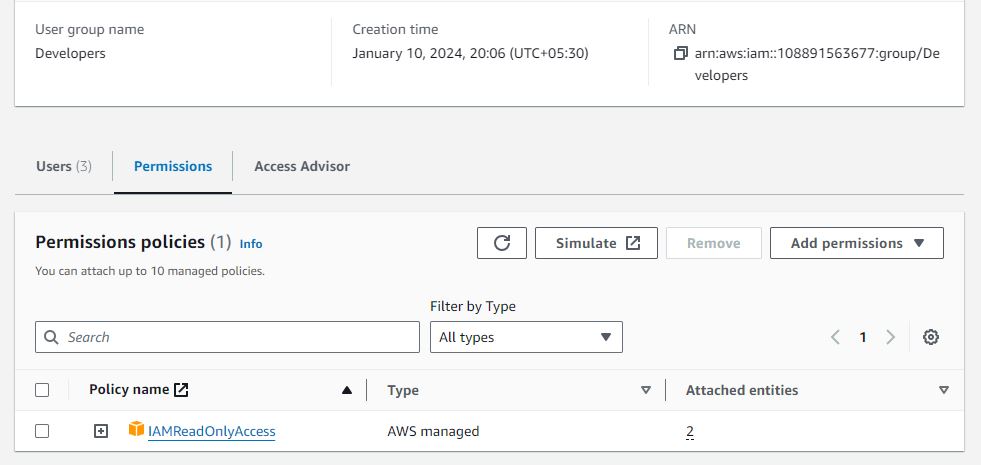
1. Developers 2. Operations 3. Audit-Team

Ans



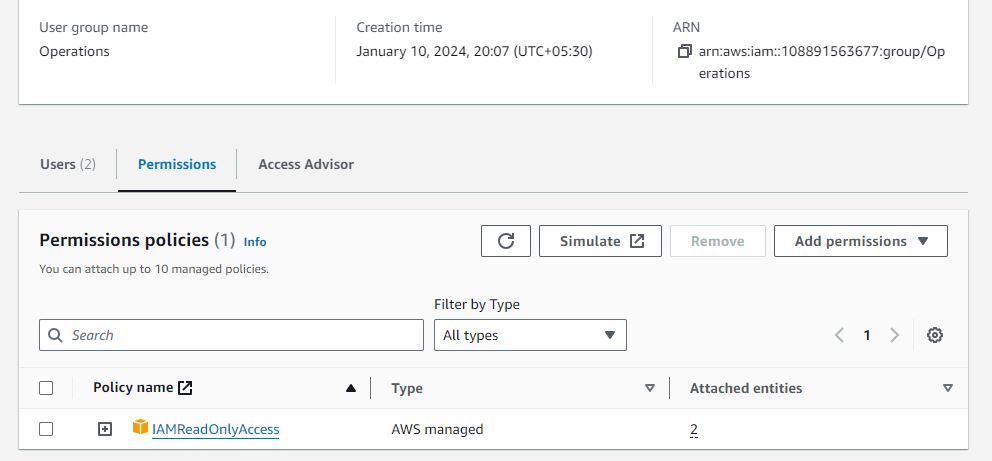
Assign the "IAMReadOnlyAccess" policy to the Developers group.

Ans



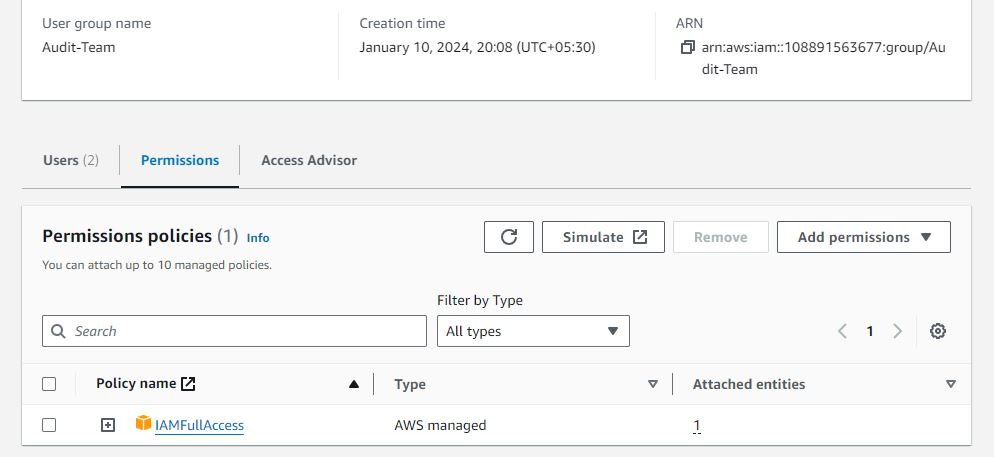
Assign the "IAMReadOnlyAccess" policy to the Operations group.

Ans



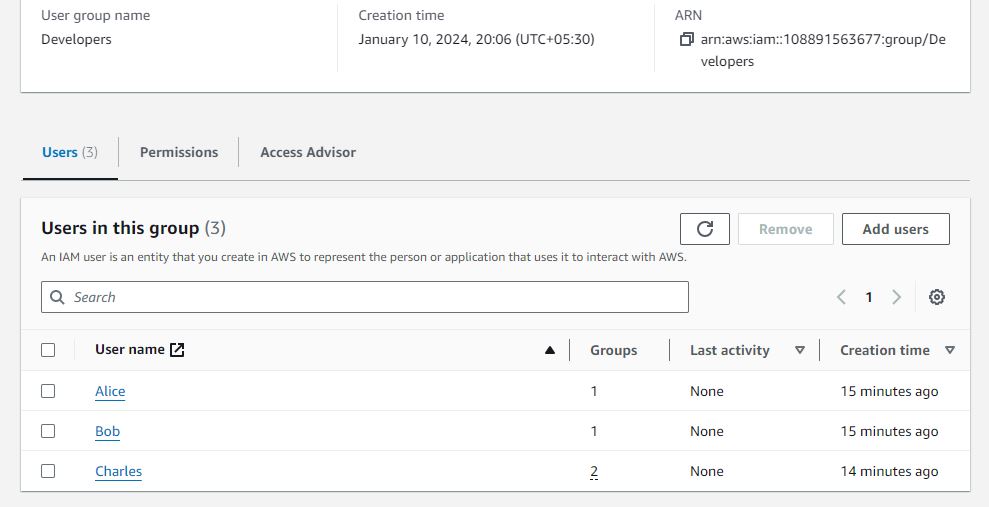
Assign the "IAMFullAccess" policy to the Audit-Team group.

Ans



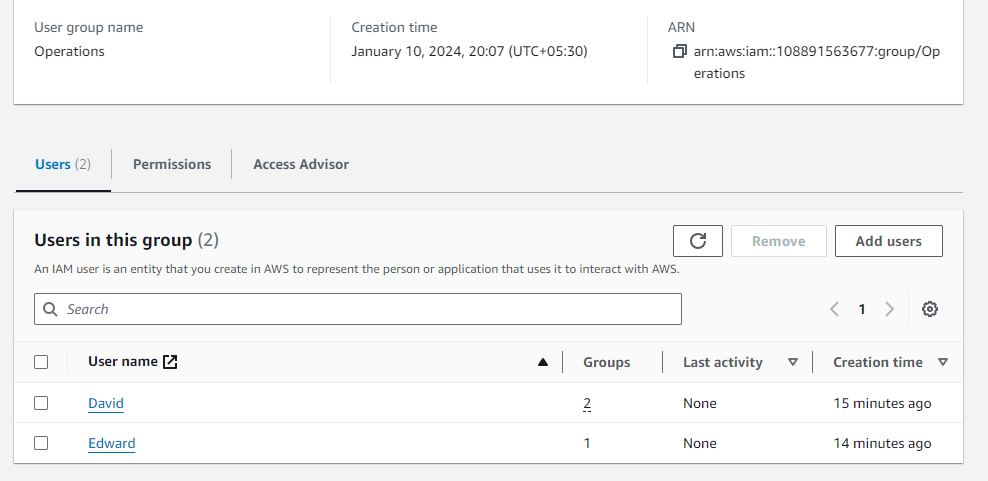
Add Alice, Bob, and Charles to the Developers group.

Ans



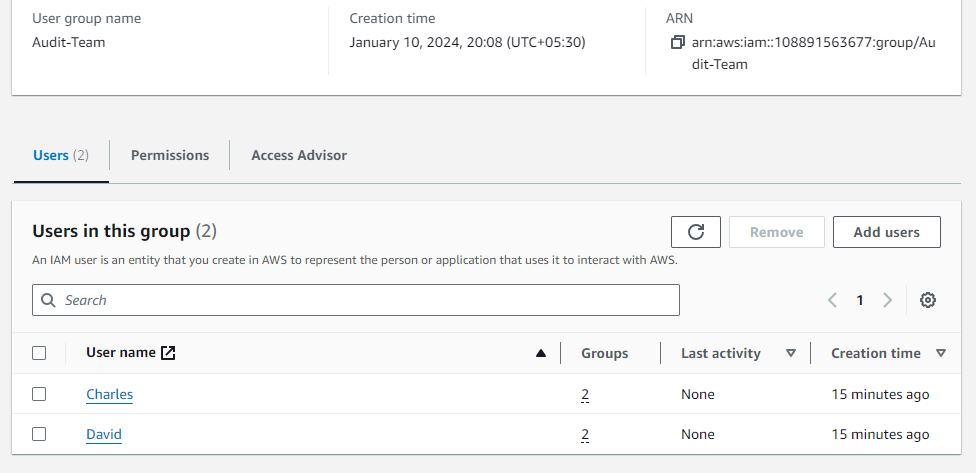
Add David and Edward to the Operations group.

Ans



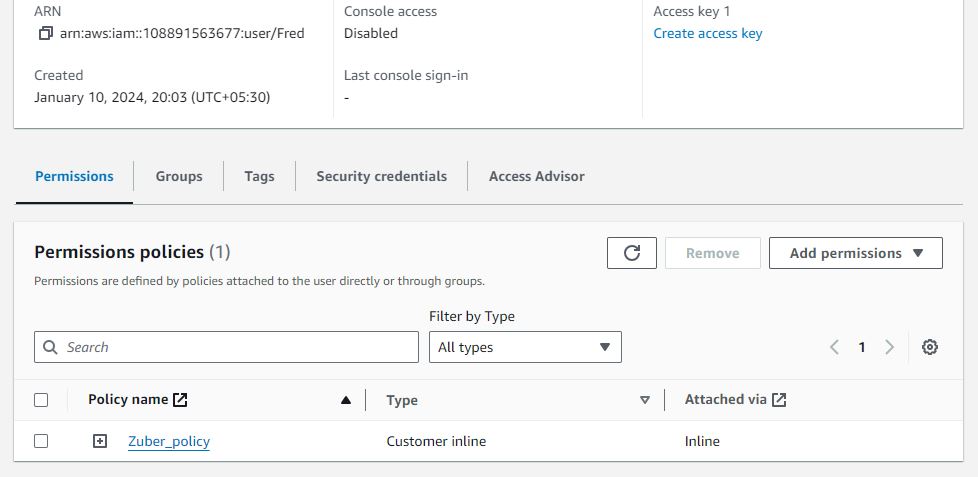
Add Charles and David to the Audit-Team group.

Ans



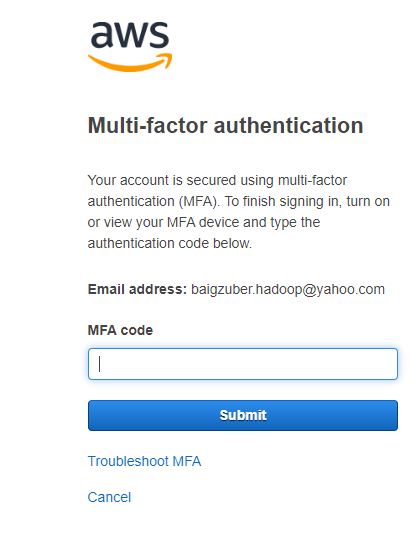
Assign an inline policy to Fred.

Ans



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.

Ans



root@DESKTOP-1RT156R:~# apt install awscli

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

awscli is already the newest version (1.22.34-1).

0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.

root@DESKTOP-1RT156R:~# aws configure

AWS Access Key ID [\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*6IMU]: AKIARSWTRM2OSQGEBW6K

AWS Secret Access Key [\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*o8HA]: 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

Default region name [ap-south-1]:

Default output format [json]:

root@DESKTOP-1RT156R:~# aws iam list-users

{

"Users": [

{

"Path": "/",

"UserName": "Alice",

"UserId": "AIDARSWTRM2O3YOYJE4Y4",

"Arn": "arn:aws:iam::108891563677:user/Alice",

"CreateDate": "2024-01-10T14:31:48Z"

},

{

"Path": "/",

"UserName": "Bob",

"UserId": "AIDARSWTRM2OQF7LN5ECZ",

"Arn": "arn:aws:iam::108891563677:user/Bob",

"CreateDate": "2024-01-10T14:32:04Z"

},

{

"Path": "/",

"UserName": "Charles",

"UserId": "AIDARSWTRM2OYIV3UO33C",

"Arn": "arn:aws:iam::108891563677:user/Charles",

"CreateDate": "2024-01-10T14:32:23Z"

},

{

"Path": "/",

"UserName": "David",

"UserId": "AIDARSWTRM2OS5LLAS3DQ",

"Arn": "arn:aws:iam::108891563677:user/David",

"CreateDate": "2024-01-10T14:32:43Z"

},

{

"Path": "/",

"UserName": "Edward",

"UserId": "AIDARSWTRM2O7T2LYUVZT",

"Arn": "arn:aws:iam::108891563677:user/Edward",

"CreateDate": "2024-01-10T14:33:18Z"

},

{

"Path": "/",

"UserName": "Fred",

"UserId": "AIDARSWTRM2OR56HVLDUP",

"Arn": "arn:aws:iam::108891563677:user/Fred",

"CreateDate": "2024-01-10T14:33:36Z"

}

]

}