In this guide, I documented about **IAM Users Assignment**, **IAM Policy Assignment**, and **IAM Roles**, including creation, configuration, and best-practice usage.

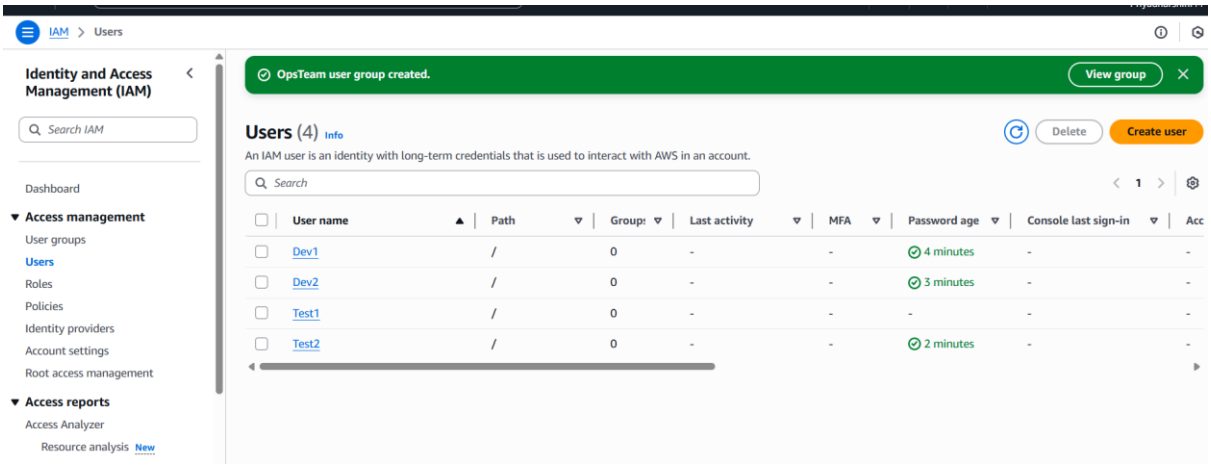
✅ 1. Create IAM Users

Create the following users in the IAM dashboard:

- **Dev1**
- **Dev2**
- **Test1**
- **Test2**

Steps:

1. Go to **IAM Console** → *Users* → **Create User**
2. Enter the username
3. Choose **Programmatic access** or **Console access** as needed
4. Complete the creation process
5. Repeat for all four users



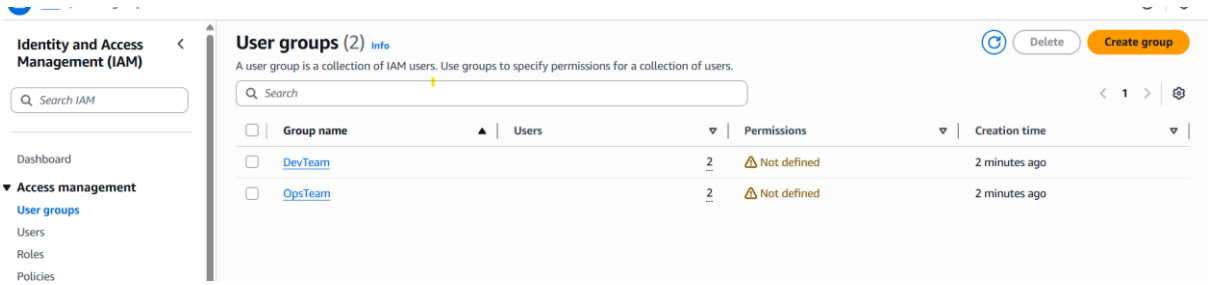
✅ 2. Create IAM Groups

Create two IAM groups:

- **Dev Team**
- **Ops Team**

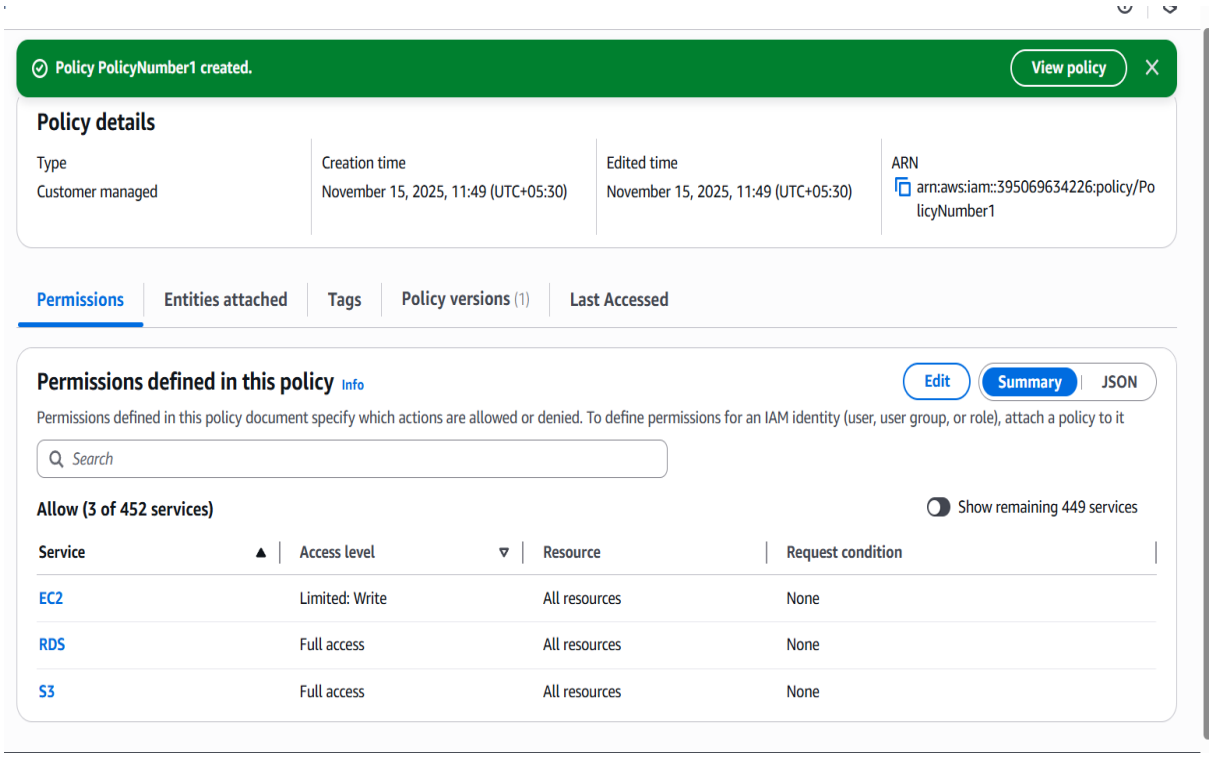
Steps:

1. Go to **IAM Console** → *User Groups* → **Create Group**
2. Enter the group name
3. (Optional) Attach policies
4. Create the group
5. Repeat for both groups

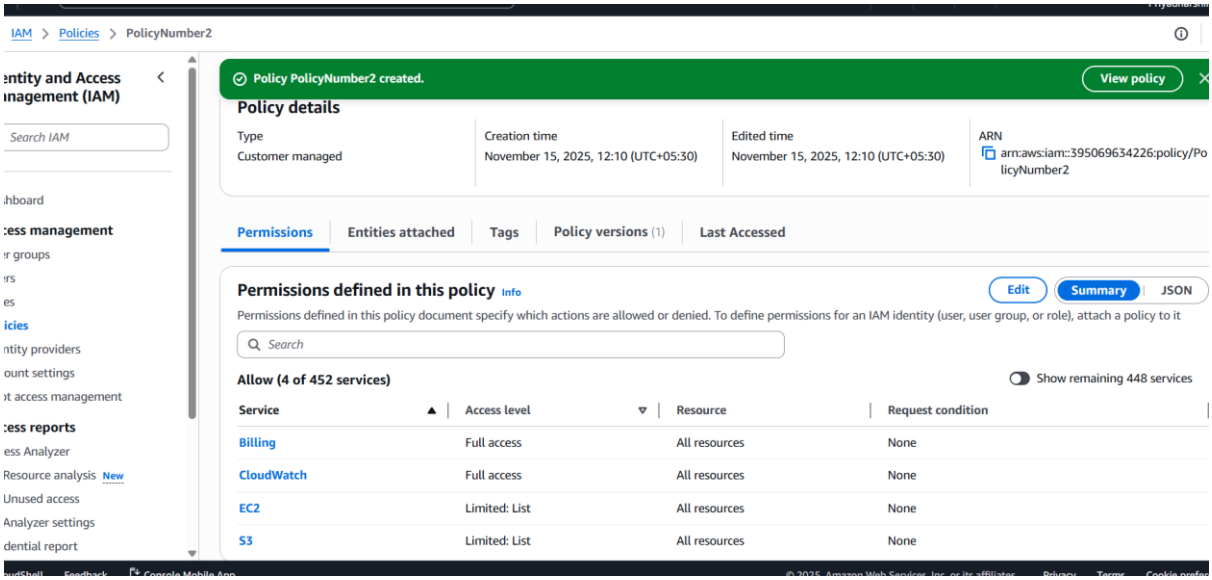


IAM POLICY

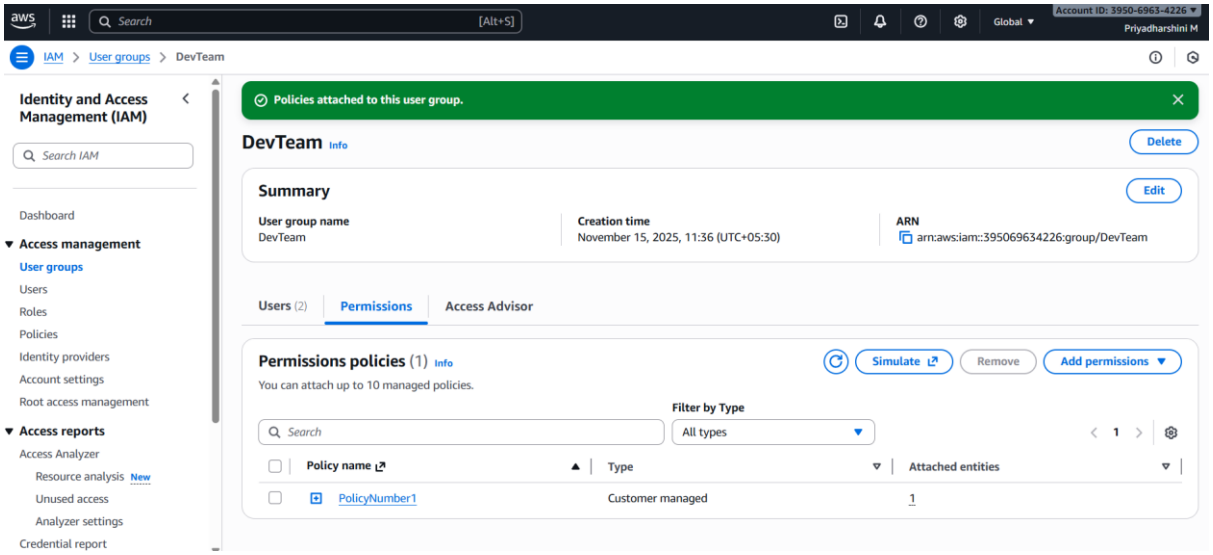
Create policy number 1 which lets the users to: a. Access S3 completely b. Only create EC2 instances c. Full access to RDS



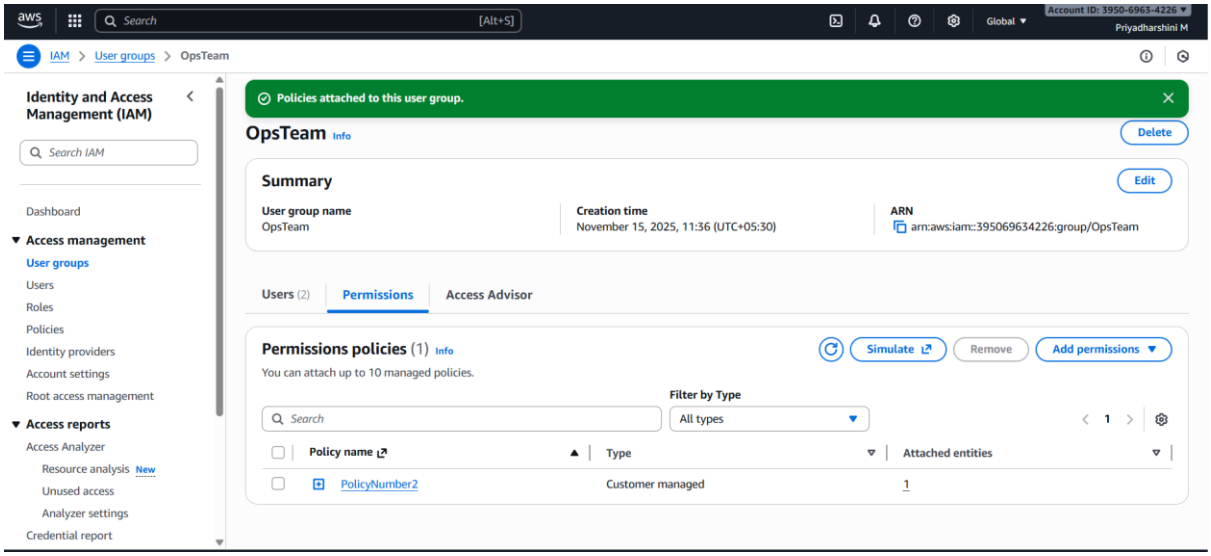
2. Create a policy number 2 which allows the users to:
a. Access CloudWatch and billing completely
b. Can only list EC2 and S3 resources

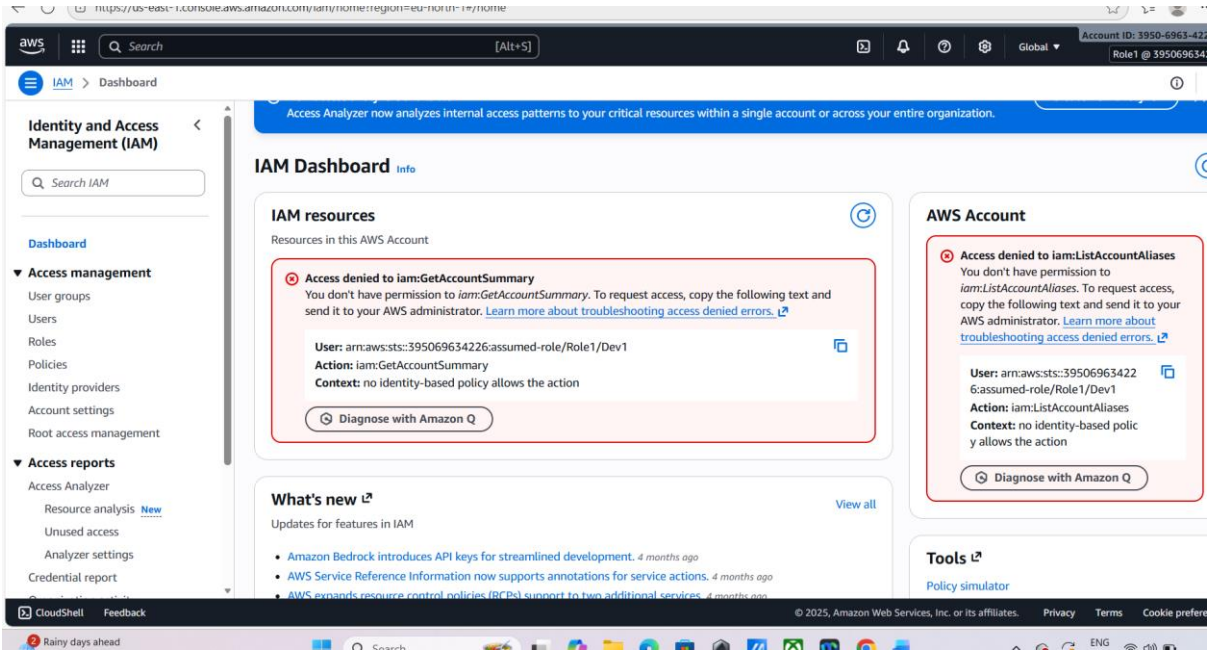


3. Attach policy number 1 to the Dev Team from task 1



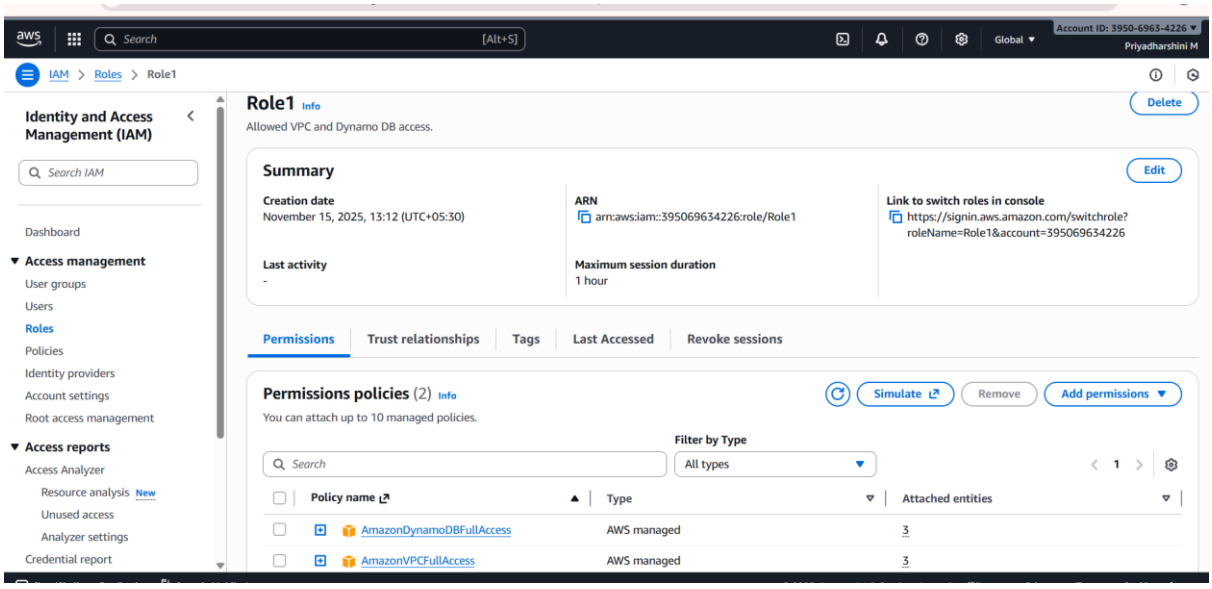
4. Attach policy number 2 to Ops Team from task 1



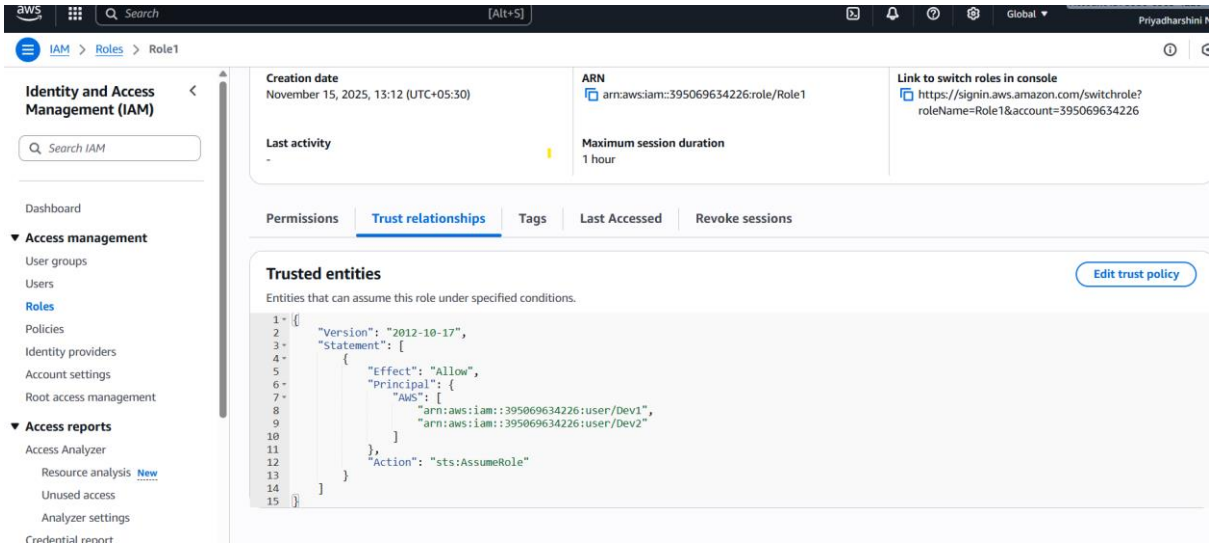


IAM Roles

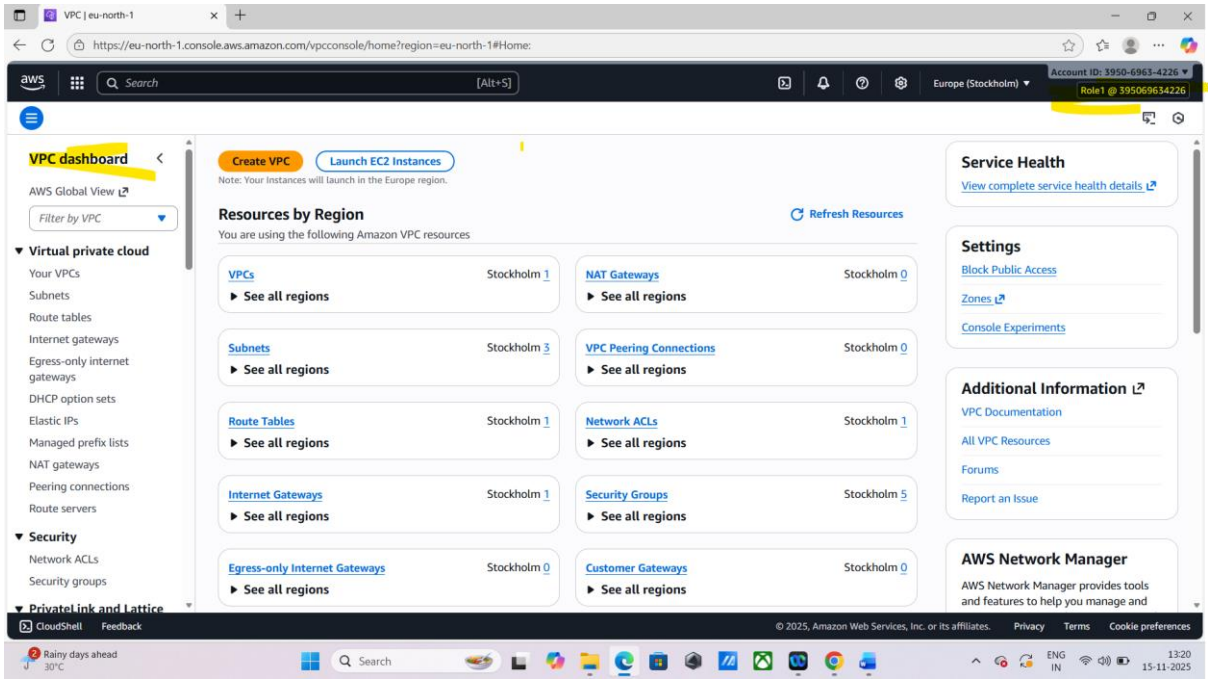
Create a role which only lets user1 and user2 from task 1 to have complete access to VPCs and DynamoDB.

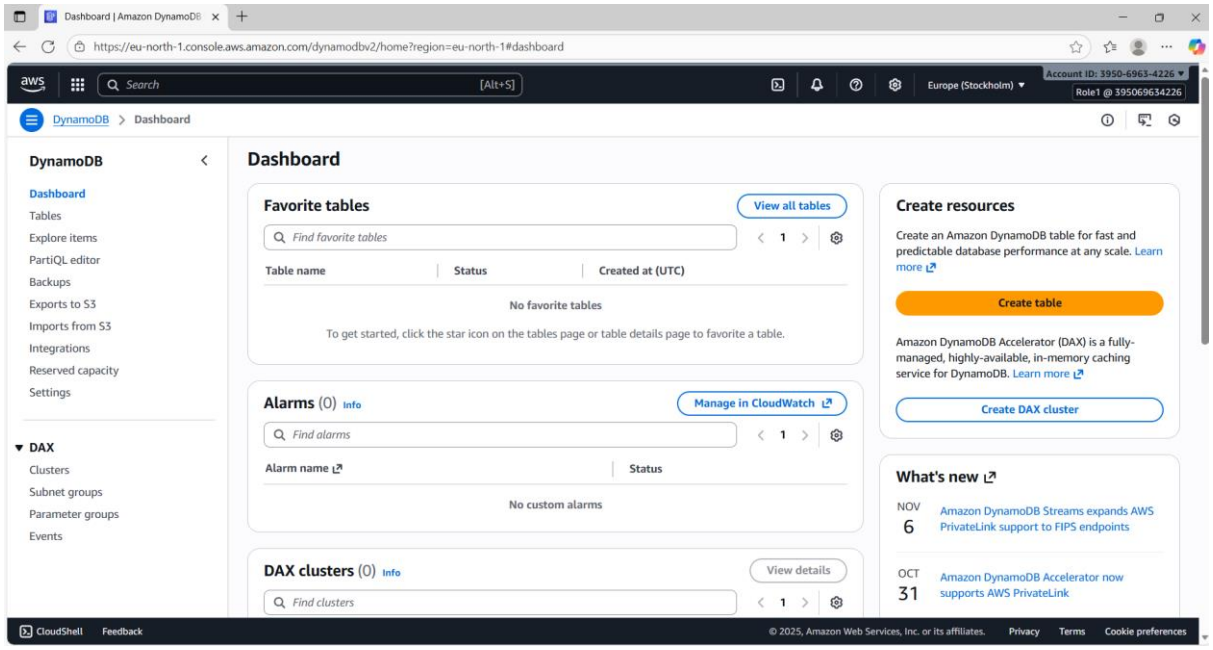


Update, Set Trust Policy to allow Dev 1 and Dev 2



Logged in as Dev1, able to switch the role “role1” to access “VPC and Dynamo DB”




Dashboard | Amazon DynamoDB
https://eu-north-1.console.aws.amazon.com/dynamodbv2/home?region=eu-north-1#dashboard
aws
Search
[Alt+S]
Europe (Stockholm)
Account ID: 3950-6963-4226
Role1 @ 395069634226
DynamoDB > Dashboard
DynamoDB
Dashboard
Tables
Explore items
PartiQL editor
Backups
Exports to S3
Imports from S3
Integrations
Reserved capacity
Settings
DAX
Clusters
Subnet groups
Parameter groups
Events
Dashboard
Favorite tables
View all tables
Find favorite tables
1
Table name
Status
Created at (UTC)
No favorite tables
To get started, click the star icon on the tables page or table details page to favorite a table.
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Alarm name
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