IAM Roles Assignment

Problem Statement:

You work for XYZ Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users.

Tasks To Be Performed:

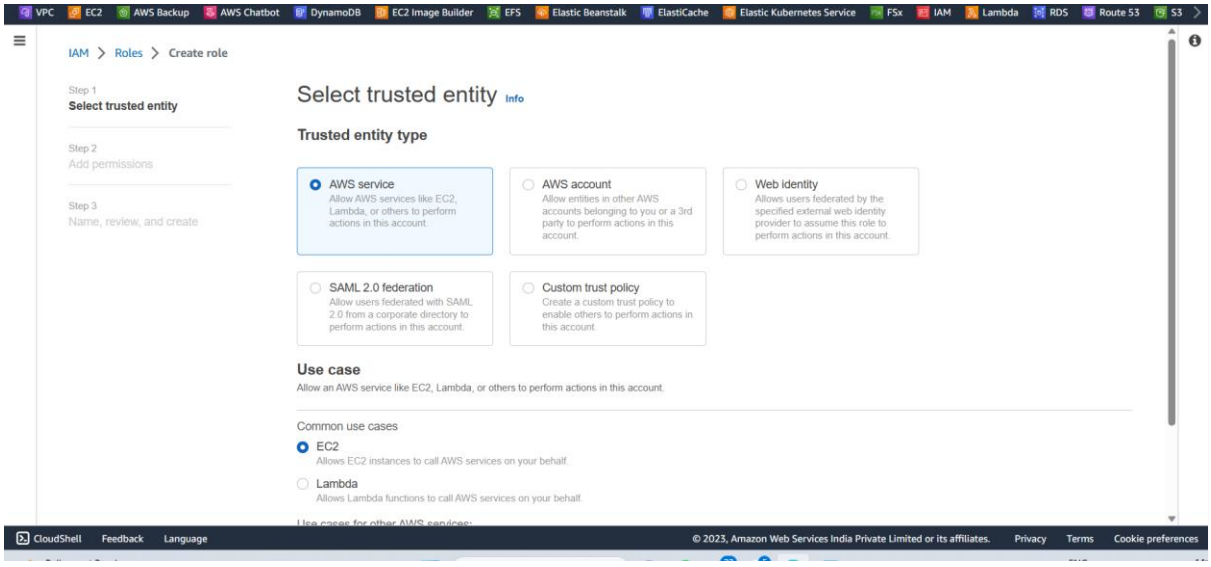
1. Create a role which only lets user1 and user2 from task 1 to have complete access to VPCs and DynamoDB.

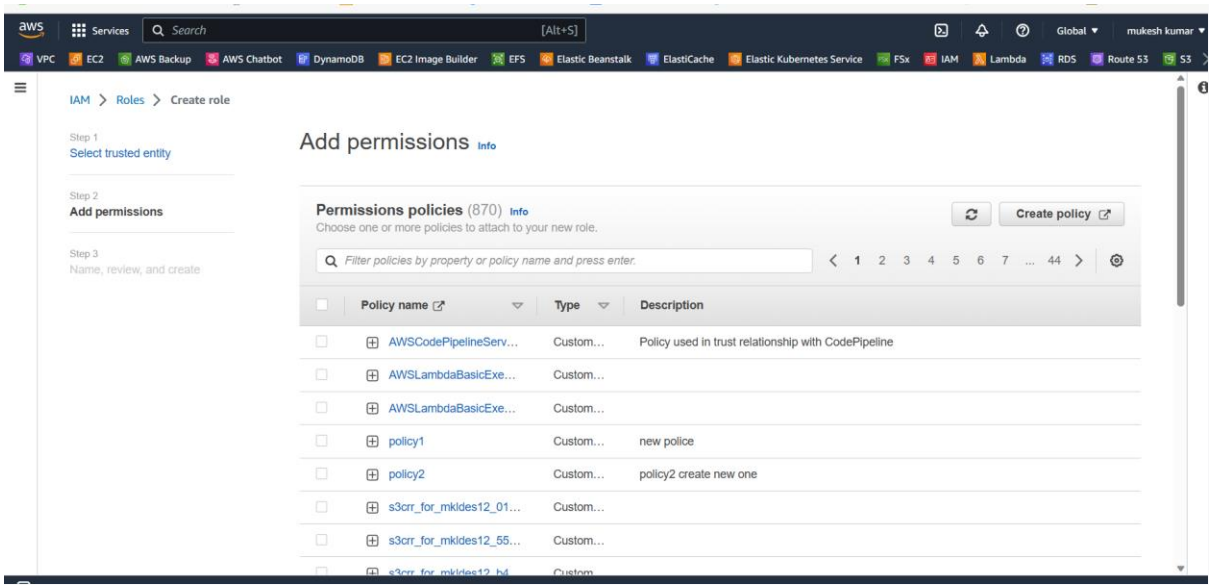
2. Login into user1 and shift to the role to test out the FEATURE

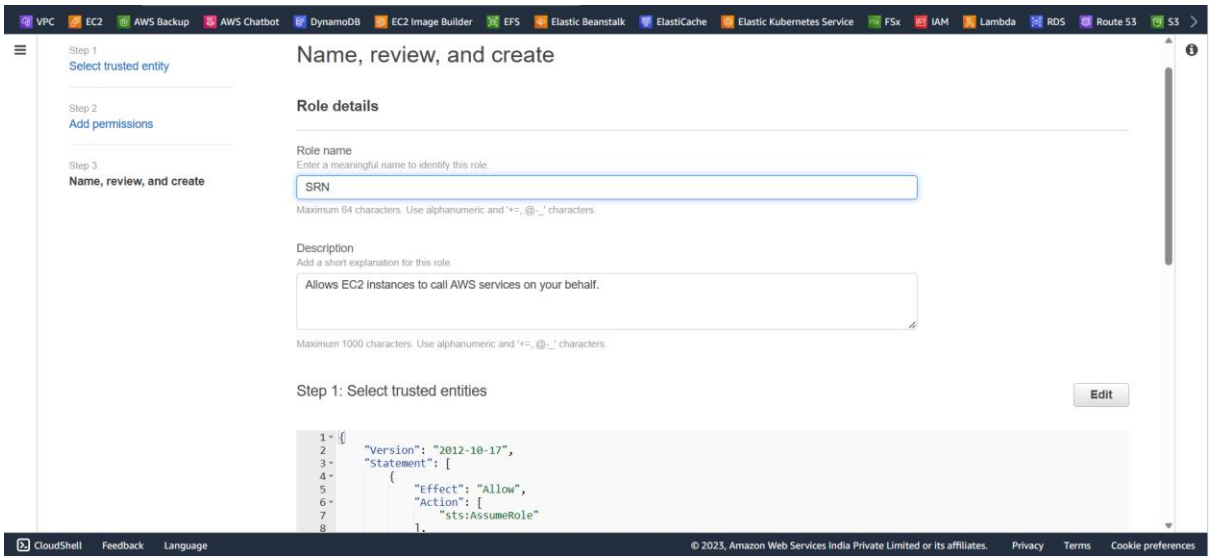
Now create Go to the IAM service.

Go to IAM SERVICE

Create role




aws
Services
Search
[Alt+S]
Global
mukesh kumar
VPC
EC2
AWS Backup
AWS Chatbot
DynamoDB
EC2 Image Builder
EFS
Elastic Beanstalk
ElastiCache
Elastic Kubernetes Service
FSx
IAM
Lambda
RDS
Route 53
S3
IAM > Roles > Create role
Step 1
Select trusted entity
Step 2
Add permissions
Step 3
Name, review, and create
Add permissions Info
Permissions policies (870) Info
Choose one or more policies to attach to your new role.
Create policy
Filter policies by property or policy name and press enter.
1 2 3 4 5 6 7 ... 44
Policy name
Type
Description
AWSCodePipelineServ...
Custom...
Policy used in trust relationship with CodePipeline
AWSLambdaBasicExe...
Custom...
AWSLambdaBasicExe...
Custom...
policy1
Custom...
new police
policy2
Custom...
policy2 create new one
s3crr_for_mkldes12_01...
Custom...
s3crr_for_mkldes12_55...
Custom...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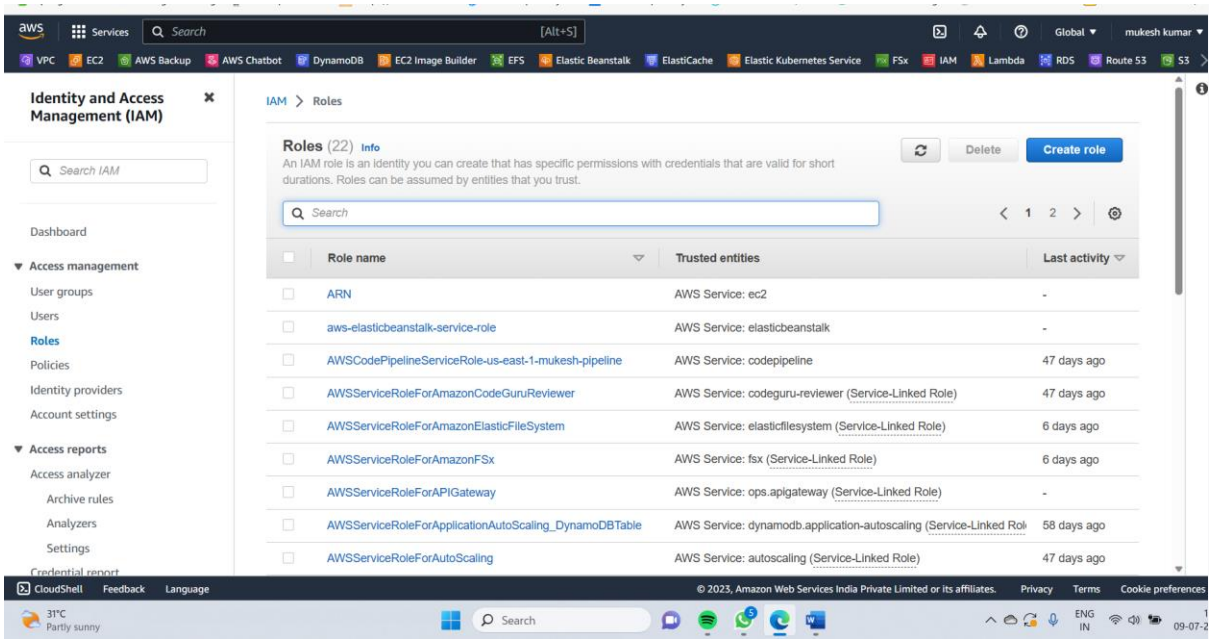
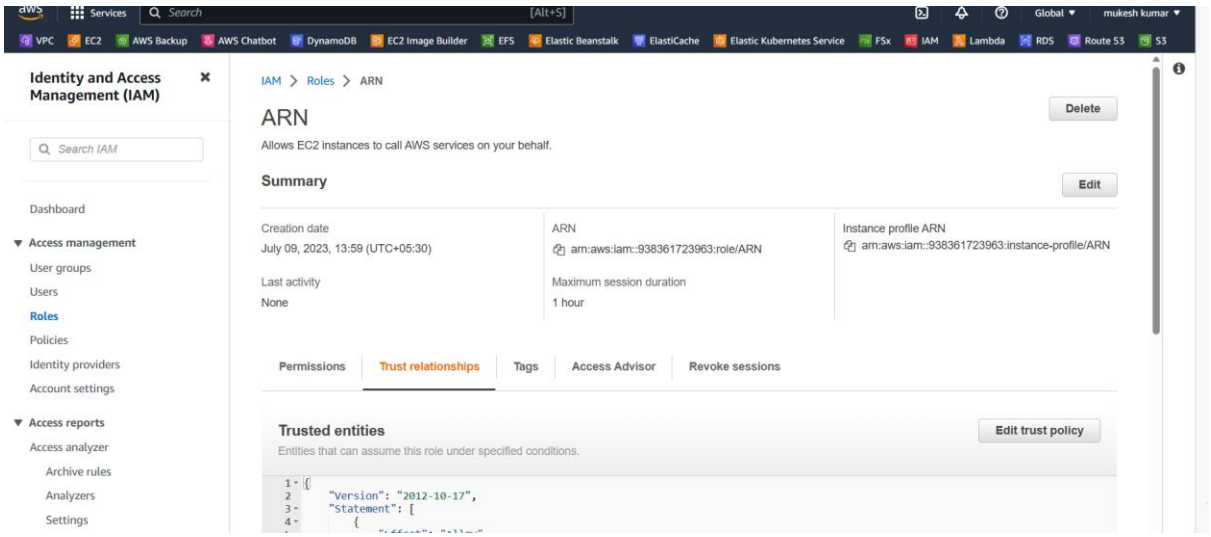
ElastiCache
Elastic Kubernetes Service
FSx
IAM
Lambda
RDS
Route 53
S3
Step 1
Select trusted entity
Step 2
Add permissions
Step 3
Name, review, and create
Name, review, and create
Role details
Role name
Enter a meaningful name to identify this role.
SRN
Maximum 64 characters. Use alphanumeric and '+=, @-_' characters.
Description
Add a short explanation for this role.
Allows EC2 instances to call AWS services on your behalf.
Maximum 1000 characters. Use alphanumeric and '+=, @-_' characters.
Step 1: Select trusted entities
Edit
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Action": [
"sts:AssumeRole"
],
CloudShell
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences





Trust relationships edit user 1

`<role_arn>`: Role ARN of the role you created in step 1.
`MySessionName`: Choose a name for your session.
`<external_id>`: External ID mentioned in the trust policy.

Test the access by running AWS CLI commands related to VPC and DynamoDB, such as aws ec2 describe-vpcs or aws dynamodb list-tables