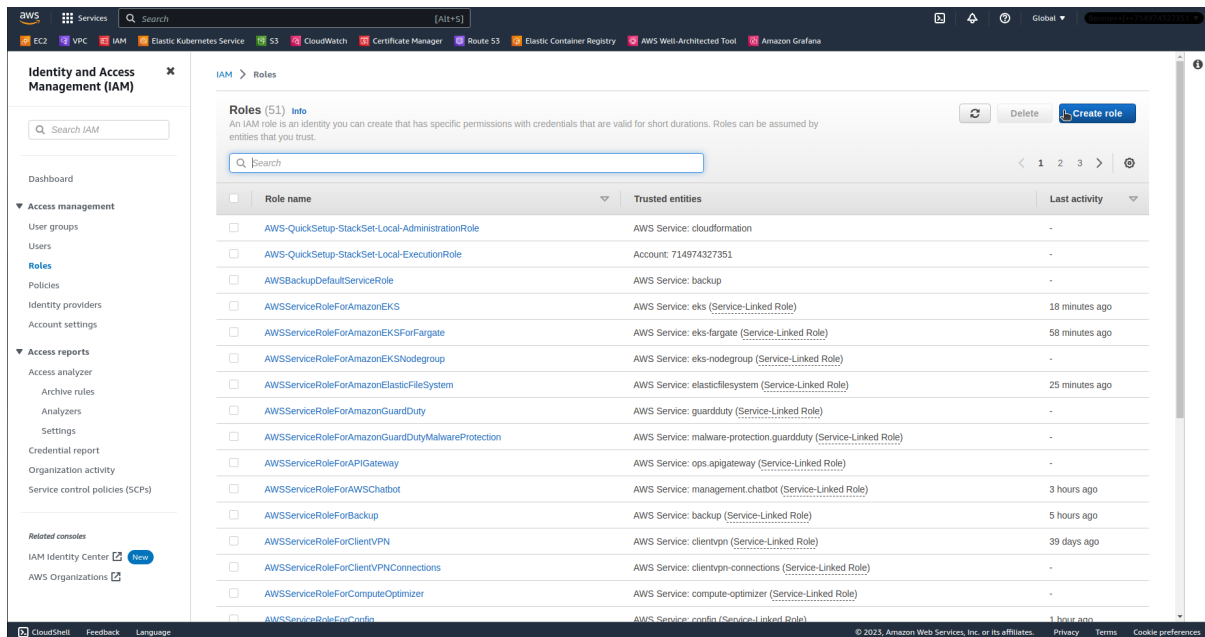


# How to create IAM role for EKS service account

1. Open AWS Console and navigate to IAM service and head to “[Roles](#)”.
2. Next Click on “Create role” button in upper right.



3. Select “Custom trust policy” and use policy as follows:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "Federated": "arn:aws:iam::111122223333:oidc-provider/oidc.eks.region-code.amazonaws.com/id/EXAMPLED539D4633E53DE1B71EXAMPLE"
      },
      "Action": "sts:AssumeRoleWithWebIdentity",
      "Condition": {
        "StringLike": {
```

```

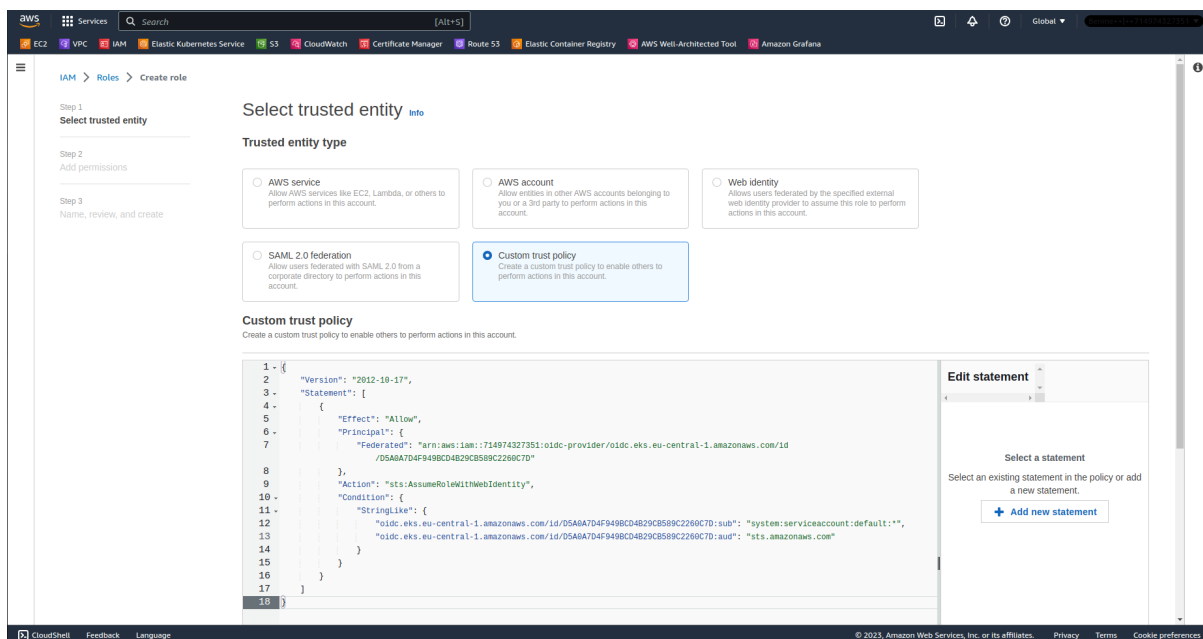
"oidc.eks.region-code.amazonaws.com/id/EXAMPLED539D4633E53DE1B71EXAMPLE:sub":
"system:serviceaccount:*",

"oidc.eks.region-code.amazonaws.com/id/EXAMPLED539D4633E53DE1B71EXAMPLE:aud":
"sts.amazonaws.com"

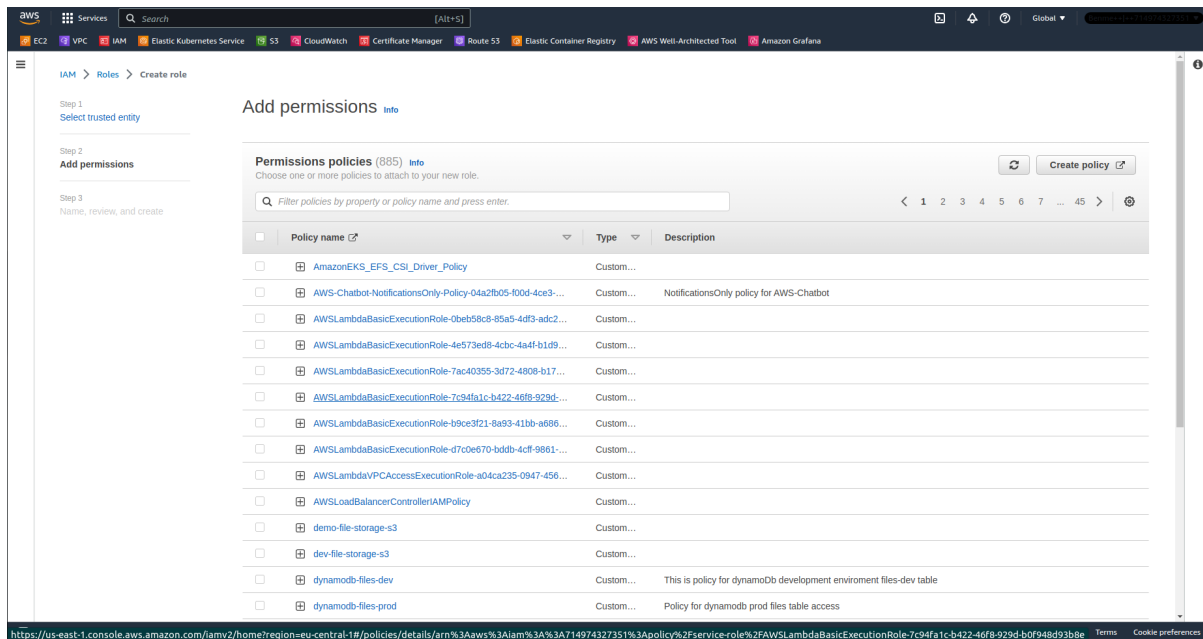
    }
  }
}
]
}

```

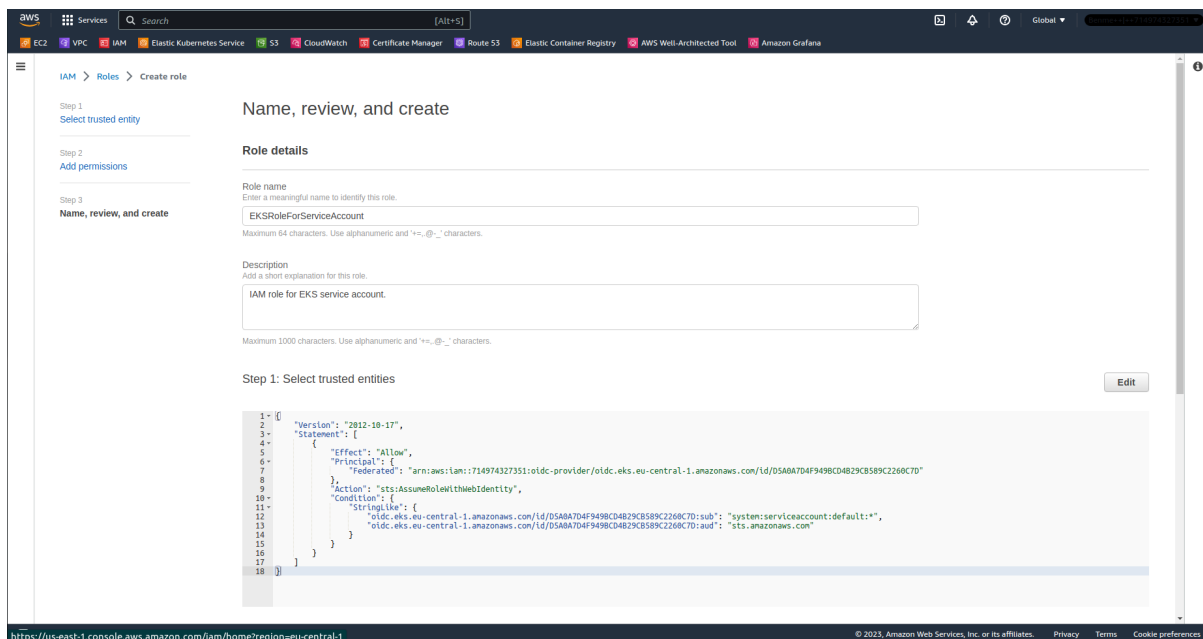
You can get OIDC provider arn and name from IAM Service > [Identity providers](#). Remember to change region-code. Values to change are marked blue.



4. Click on “Next” in the right bottom and add permissions to the IAM Role.



5. Give the Role a name, optionally description and click on “Create role” in the bottom right.



6. Now create Service Account in Kubernetes which will assume the role. Here's the example manifest:

apiVersion: v1

kind: ServiceAccount

metadata:

name: example-service-account

namespace: default

annotations:

eks.amazonaws.com/role-arn:

arn:aws:iam::714974327351:role/EKSRoleForServiceAccount