**you will need to have the AWS cli configured with write access to EKS and IAM. You will also need kubectl and eksctl installed.**

**Create a Cluster with EKS :**

**IAM User Account , Install eksctl**

**Chocolatey**

**Kubectl : These are pre-requisites**

**Create a cluster:**

**eksctl create nodegroup --cluster demo-nodegroup --version auto --name node-group --node-type t3.medium --node-ami auto --nodes 3 --nodes-min 1 --nodes-max 4**

**Or**

**eksctl create cluster –name test-cluster –version 1.29 -- region ap-south-1 –nodegroup-name test-linux –node-type t2.micro –node 2**

**To Connect Cluster :**

**aws eks update-kubeconfig –name test-cluster –region ap-south-1**

**To Delete Cluster :**

**eksctl delete cluster --name test-cluster --region ap-south-1**

**To Create IAM OIDC Policy :**

**eksctl utils associate-iam-oidc-provider --region=ap-south-1 --cluster=test-cluster**

**eksctl utils associate-iam-oidc-provider --region=ap-south-1 --cluster=test-cluster –approve**