How to Configure Kubernetes on AWS

AWS EKS

Download the Amazon EKS-vended **kubectl** binary.

Create Folder on on Client Machine

Copy downloaded exe to that folder.

curl -o kubectl.exe <https://amazon-eks.s3.us-west-2.amazonaws.com/1.16.8/2020-04-16/bin/windows/amd64/kubectl.exe>

Check version using power shell

Quickly configuring the AWS CLI

**To install aws-iam-authenticator on Windows**

**curl -o aws-iam-authenticator.exe https://amazon-eks.s3.us-west-2.amazonaws.com/1.16.8/2020-04-16/bin/windows/amd64/aws-iam-authenticator.exe**

<https://amazon-eks.s3.us-west-2.amazonaws.com/cloudformation/2020-06-10/amazon-eks-vpc-private-subnets.yaml>

<https://amazon-eks.s3.us-west-2.amazonaws.com/cloudformation/2020-06-10/amazon-eks-nodegroup.yaml>

choco install -y aws-iam-authenticator

kubectl version --short --client

1) Create EKS Role (IAM)

2) Create Security

3) VPC EKS cluster

4) VPC and worker node.

Create EKS role

Then create VPC using cloud formation

Create EKS cluser

Provide vpc

SG

Then add environment variable

For

C:\Project\AWS\EKS\aws-iam-authenticator.exe

C:\Project\AWS\EKS\kubectl.exe

