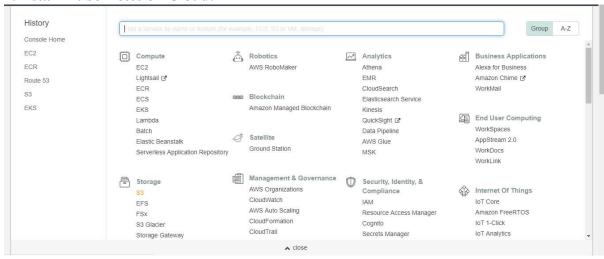
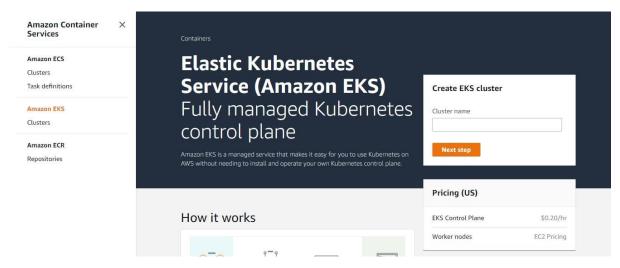
# **Phase-5 Practice Project: Assisted Practice -**

# 2.Install Kubernetes on Cloud:







#### Role name

Select the IAM Role to allow Amazon EKS and the Kubernetes control plane to manage AWS resources on your behalf.









# Select type of trusted entity







Macie



Allows AWS services to perform actions on your behalf. Learn more

### Choose the service that will use this role

#### Allows EC2 instances to call AWS services on your behalf. Allows Lambda functions to call AWS services on your behalf. API Gateway Comprehend ElastiCache SMS Lex AWS Backup Config Elastic Beanstalk License Manager SNS AWS Support Connect Elastic Container Service Machine Learning SWF

Elastic Transcoder

### Create role

Amplify





SageMaker





→ Attached permissions policies

The type of role that you selected requires the following policy.

DMS



## Create role



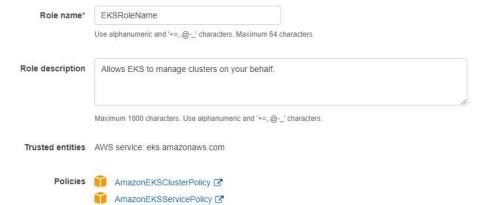






#### Review

Provide the required information below and review this role before you create it.

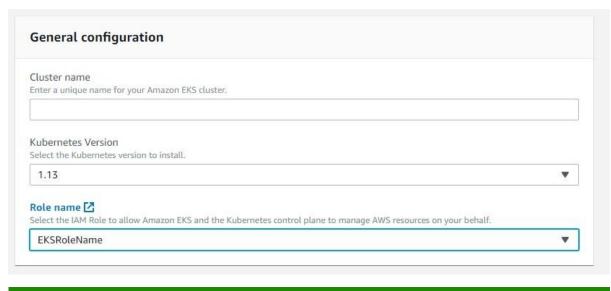


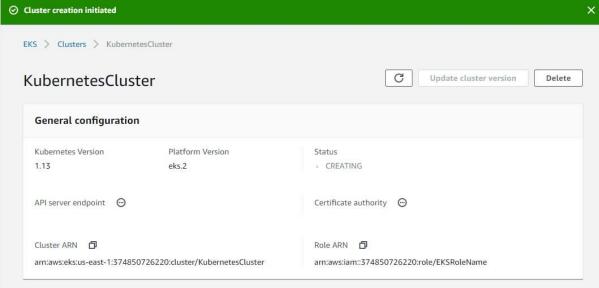
\* Required

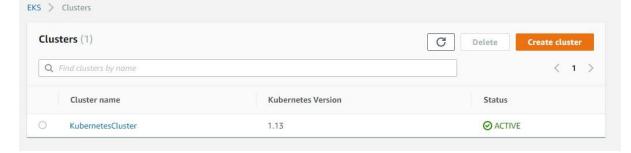
Cancel

Previous

Create role







wget https://amazon-eks.s3-us-west-2.amazonaws.com/1.10.3/2018-07-26/bin/linux/amd64/kubectl chmod +x

kubectl

./kubectl

mkdir bin cp ./kubectl \$HOME/bin/kubectl && export PATH=\$HOME/bin:\$PATH kubectl version kubectl version --short --client

```
root@ip-172-31-17-73:~# mkdir bin
root@ip-172-31-17-73:~# cp ./kubectl $HOME/bin/kubectl && export PATH=$HOME/bin:$PATH
root@ip-172-31-17-73:~# kubectl version
Client Version: version.Info{Major:"1", Minor:"10", GitVersion:"v1.10.3", GitCommit:"2bba0-26T20:40:11Z", GoVersion:"go1.9.3", Compiler:"gc", Platform:"linux/amd64"}
```

wget https://amazon-eks.s3-us-west-2.amazonaws.com/1.10.3/2018-07-26/bin/linux/amd64/aws-iam-authenticator chmod +x

./aws-iam-authenticator

cp ./aws-iam-authenticator \$HOME/bin/aws-iam-authenticator && export PATH=\$HOME/bin:\$PATH

#### aws-iam-authenticator help

#### Access keys

Use access keys to make secure REST or HTTP Query protocol requests to AWS service APIs. For your protection, you should never share your secret keys with anyone. As a best practice, we recommend frequent key rotation. Learn more

#### Create access key

Access key ID	Created	Last used	Status	
AKIAVORWYFFGC3WVPNWC	2019-07-24 08:28 UTC+0530	2019-07-26 13:51 UTC+0530 with sts in us-east-1	Active   Make inactive	×

Create access key

Access key ID	Created 2019-07-24 08:28 UTC+0530	Last used 2019-07-26 13:51 UTC+0530 with sts in us-east-1	Status		
AKIAVORWYFFGC3WVPNWC			Active	Make inactive	×
AKIAVORWYFFGE3YTFZFZ	2019-07-28 07:49 UTC+0530	N/A	Active	Make inactive	×

```
root@ip-172-31-17-73:~# aws configure

AWS Access Key ID [None]: AKIAVORWYFFGE3YTFZFZ

AWS Secret Access Key [None]: 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

Default region name [None]: us-east-1

Default output format [None]: json

root@ip-172-31-17-73:~#
```