windows@DESKTOP-THT8II4 MINGW64 ~

$ aws configure

AWS Access Key ID [\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*TJPV]: AKIAQRCNAXRD4TV7TJPV

AWS Secret Access Key [\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*srD1]: 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

Default region name [us-east-1]:

Default output format [clear]:

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$ eksctl create cluster --version 1.21 --region us-east-1 --node-type t2.micro --nodes 3 --name my-demonhre-cluster

2022-10-14 12:53:31 [ℹ] eksctl version 0.110.0

2022-10-14 12:53:31 [ℹ] using region us-east-1

2022-10-14 12:53:33 [ℹ] setting availability zones to [us-east-1a us-east-1c]

2022-10-14 12:53:33 [ℹ] subnets for us-east-1a - public:192.168.0.0/19 private:192.168.64.0/19

2022-10-14 12:53:33 [ℹ] subnets for us-east-1c - public:192.168.32.0/19 private:192.168.96.0/19

2022-10-14 12:53:33 [ℹ] nodegroup "ng-76c8bddc" will use "" [AmazonLinux2/1.21]

2022-10-14 12:53:33 [ℹ] using Kubernetes version 1.21

2022-10-14 12:53:33 [ℹ] creating EKS cluster "my-demonhre-cluster" in "us-east-1" region with managed nodes

2022-10-14 12:53:33 [ℹ] will create 2 separate CloudFormation stacks for cluster itself and the initial managed nodegroup

2022-10-14 12:53:33 [ℹ] if you encounter any issues, check CloudFormation console or try 'eksctl utils describe-stacks --region=us-east-1 --cluster=my-demonhre-cluster'

2022-10-14 12:53:33 [ℹ] Kubernetes API endpoint access will use default of {publicAccess=true, privateAccess=false} for cluster "my-demonhre-cluster" in "us-east-1"

2022-10-14 12:53:33 [ℹ] CloudWatch logging will not be enabled for cluster "my-demonhre-cluster" in "us-east-1"

2022-10-14 12:53:33 [ℹ] you can enable it with 'eksctl utils update-cluster-logging --enable-types={SPECIFY-YOUR-LOG-TYPES-HERE (e.g. all)} --region=us-east-1 --cluster=my-demonhre-cluster'

2022-10-14 12:53:33 [ℹ]

2 sequential tasks: { create cluster control plane "my-demonhre-cluster",

2 sequential sub-tasks: {

wait for control plane to become ready,

create managed nodegroup "ng-76c8bddc",

}

}

2022-10-14 12:53:33 [ℹ] building cluster stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:53:36 [ℹ] deploying stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:54:06 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:54:37 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:55:39 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:56:41 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:57:42 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:58:44 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 12:59:45 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 13:00:47 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 13:01:48 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 13:02:49 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 13:03:51 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-cluster"

2022-10-14 13:06:13 [ℹ] building managed nodegroup stack "eksctl-my-demonhre-cluster-nodegroup-ng-76c8bddc"

2022-10-14 13:06:15 [ℹ] deploying stack "eksctl-my-demonhre-cluster-nodegroup-ng-76c8bddc"

2022-10-14 13:06:16 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-nodegroup-ng-76c8bddc"

2022-10-14 13:06:48 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-nodegroup-ng-76c8bddc"

2022-10-14 13:07:23 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-nodegroup-ng-76c8bddc"

2022-10-14 13:09:23 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-nodegroup-ng-76c8bddc"

2022-10-14 13:11:18 [ℹ] waiting for CloudFormation stack "eksctl-my-demonhre-cluster-nodegroup-ng-76c8bddc"

2022-10-14 13:11:19 [ℹ] waiting for the control plane availability...

2022-10-14 13:12:07 [✔] saved kubeconfig as "C:\\Users\\windows\\.kube\\config"

2022-10-14 13:12:07 [ℹ] no tasks

2022-10-14 13:12:07 [✔] all EKS cluster resources for "my-demonhre-cluster" have been created

2022-10-14 13:12:10 [ℹ] nodegroup "ng-76c8bddc" has 3 node(s)

2022-10-14 13:12:10 [ℹ] node "ip-192-168-0-232.ec2.internal" is ready

2022-10-14 13:12:10 [ℹ] node "ip-192-168-32-104.ec2.internal" is ready

2022-10-14 13:12:10 [ℹ] node "ip-192-168-50-89.ec2.internal" is ready

2022-10-14 13:12:10 [ℹ] waiting for at least 3 node(s) to become ready in "ng-76c8bddc"

2022-10-14 13:12:10 [ℹ] nodegroup "ng-76c8bddc" has 3 node(s)

2022-10-14 13:12:10 [ℹ] node "ip-192-168-0-232.ec2.internal" is ready

2022-10-14 13:12:10 [ℹ] node "ip-192-168-32-104.ec2.internal" is ready

2022-10-14 13:12:10 [ℹ] node "ip-192-168-50-89.ec2.internal" is ready

2022-10-14 13:12:36 [ℹ] kubectl command should work with "C:\\Users\\windows\\.kube\\config", try 'kubectl get nodes'

2022-10-14 13:12:36 [✔] EKS cluster "my-demonhre-cluster" in "us-east-1" region is ready

windows@DESKTOP-THT8II4 MINGW64 ~

$ cd downloads

windows@DESKTOP-THT8II4 MINGW64 ~/downloads

$ cd istio-1.15.2/samples/addons

"istio-system" not found

windows@DESKTOP-THT8II4 MINGW64 ~/downloads/istio-1.15.2/samples/addons

$ kubectl get ns

NAME STATUS AGE

default Active 23m

kube-node-lease Active 23m

kube-public Active 23m

kube-system Active 23m

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$ kubectl create namespace istio-system

namespace/istio-system created

windows@DESKTOP-THT8II4 MINGW64 ~

$ kubectl get ns

NAME STATUS AGE

default Active 32m

istio-system Active 14s

kube-node-lease Active 32m

kube-public Active 32m

kube-system Active 32m

windows@DESKTOP-THT8II4 MINGW64 ~

$ cd downloads

windows@DESKTOP-THT8II4 MINGW64 ~/downloads

$ cd istio-1.15.2/samples/addons

windows@DESKTOP-THT8II4 MINGW64 ~/downloads/istio-1.15.2/samples/addons

$ kubectl apply -f prometheus.yaml

serviceaccount/prometheus created

configmap/prometheus created

clusterrole.rbac.authorization.k8s.io/prometheus unchanged

clusterrolebinding.rbac.authorization.k8s.io/prometheus unchanged

service/prometheus created

deployment.apps/prometheus created

windows@DESKTOP-THT8II4 MINGW64 ~/downloads/istio-1.15.2/samples/addons

$ kubectl apply -f grafana.yaml

serviceaccount/grafana created

configmap/grafana created

service/grafana created

deployment.apps/grafana created

configmap/istio-grafana-dashboards created

configmap/istio-services-grafana-dashboards created

windows@DESKTOP-THT8II4 MINGW64 ~/downloads/istio-1.15.2/samples/addons

$ kubectl get all -n istio-system

NAME READY STATUS RESTARTS AGE

pod/grafana-6d69f655fb-t4xmn 1/1 Running 0 2m38s

pod/prometheus-6956c8c6c5-9jfn9 2/2 Running 0 3m15s

NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE

service/grafana ClusterIP 10.100.14.84 <none> 3000/TCP 2m46s

service/prometheus ClusterIP 10.100.243.50 <none> 9090/TCP 3m22s

NAME READY UP-TO-DATE AVAILABLE AGE

deployment.apps/grafana 1/1 1 1 2m47s

deployment.apps/prometheus 1/1 1 1 3m24s

NAME DESIRED CURRENT READY AGE

replicaset.apps/grafana-6d69f655fb 1 1 1 2m48s

replicaset.apps/prometheus-6956c8c6c5 1 1 1 3m25s