API-REFRENCE:

https://kubernetes.io/docs/reference/generated/kubernetes-api/v1.18/#namespace-v1-core

Run the following to create dashbaoard components:

kubectl apply -f https://raw.githubusercontent.com/kubernetes/dashboard/v2.0.1/aio/deploy/recommended.yaml

Create two YAML file for dashboard user and role as below in API Server:

ubuntu@ip-10-1-1-81:~$ cat adminuser.yml

apiVersion: v1

kind: ServiceAccount

metadata:

name: admin-user

namespace: kubernetes-dashboard

ubuntu@ip-10-1-1-81:~$ cat rolebidning.yml

apiVersion: apps/v1

kind: ClusterRoleBinding

metadata:

name: admin-user1

roleRef:

apiGroup: rbac.authorization.k8s.io

kind: ClusterRole

name: cluster-admin

subjects:

- kind: ServiceAccount

name: admin-user

namespace: kubernetes-dashboard

kubectl create -f adminuser.yml

kubectl create -f rolebidning.yml

TO get the token execute the following:

kubectl -n kubernetes-dashboard describe secret $(kubectl -n kubernetes-dashboard get secret | grep admin-user | awk '{print $1}')

====================ON-WINDOWS-SERVER==========================================

Create a machine which is in the same network as the API Server.

Create a folder and copy the kubectl.exe and kubeconfig file.

kubectl.exe --kubeconfig config proxy http://localhost:8001/api/v1/namespaces/kubernetes-dashboard/services/https:kubernetes-dashboard:/proxy/

Paste the following URL in the browser to access K8S Dashboard:

http://localhost:8001/api/v1/namespaces/kubernetes-dashboard/services/https:kubernetes-dashboard:/proxy/