To check the cluster details :
$ kubectl cluster-info

To check recent events
$ kubectl get events

To deploy the dashboard do :

Run the following command to deploy the dashboard:

$ kubectl create -f https://raw.githubusercontent.com/kubernetes/dashboard/master/src/deploy/recommended/kubernetes-dashboard.yaml

Accessing Dashboard using the kubectl

$ kubectl proxy

It will proxy server between your machine and Kubernetes API server.
Now, to view the dashboard in the browser, navigate to the following address in the browser of your Master VM:

http://<master-ip>:8001/api/v1/namespaces/kube-system/services/https:kubernetes-dashboard:/proxy/

https://<master-ip>:<apiserver-port>/api/v1/namespaces/kube-system/services/https:kubernetes-dashboard:/proxy/

Create a Cluster Admin service account

In this step, we will create the service account for the dashboard and get its credentials.
***Note**: Run all these commands in a **new terminal**, otherwise your kubectl proxy command will stop.*
Run the following commands:
This command will create a service account for a dashboard in the default namespace
$ kubectl create serviceaccount dashboard -n default

Add the cluster binding rules to your dashboard account
$ kubectl create clusterrolebinding dashboard-admin -n default \ --clusterrole=cluster-admin \ --serviceaccount=default:dashboard

Copy the secret token required for your dashboard login using the below command:
$ kubectl get secret $(kubectl get serviceaccount dashboard -o jsonpath="{.secrets[0].name}") -o jsonpath="{.data.token}" | base64 --decode

To get admin user's password::

**********DAHSBOADS**********

You can grant full admin privileges to Dashboard's Service Account by creating below ClusterRoleBinding. Copy the YAML file based on chosen installation method and save as, i.e. dashboard-admin.yaml. Use kubectl create -f dashboard-admin.yaml to deploy it. Afterwards you can use Skip option on login page to access Dashboard.

```
apiVersion: rbac.authorization.k8s.io/v1beta1
kind: ClusterRoleBinding
metadata:
  name: kubernetes-dashboard
  labels:
    k8s-app: kubernetes-dashboard
roleRef:
  apiGroup: rbac.authorization.k8s.io
  kind: ClusterRole
  name: cluster-admin
subjects:
- kind: ServiceAccount
  name: kubernetes-dashboard
  namespace: kube-system
```

$ kubectl create -f dashboard-admin.yaml