Module-8: Container Orchestration using Kubernetes Part - I

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edureka!

DEMO-3: Deploying a DaemonSet

Using DaemonSets

1. Create a new YAML file to create a Daemon set

```
apiVersion: apps/v1
kind: DaemonSet
metadata:
  name: httpd
spec:
  template:
    metadata:
      labels:
        app: httpd
    spec:
      containers:
      - name: httpd
        image: httpd
        ports:
        - containerPort: 80
```


2. Deploy the daemon set on your nodes using create or apply command and verify using the get pods command

   Syntax: kubectl apply -f daemon.yaml
   kubectl get pods -o wide

```
edureka@kmaster:~/kube-demo$ kubectl apply -f daemon.yaml
daemonset.extensions/httpd created
edureka@kmaster:~/kube-demo$ kubectl get pods -o wide
NAME                     READY   STATUS    RESTARTS   AGE   IP               NODE      NOMINATED NODE
httpd-rz9rk              1/1     Running   0          4m    192.168.189.12   kmaster   <none>
httpd-xk27m              1/1     Running   0          4m    192.168.177.202  knode     <none>
nginx-dep-7476bf8dbc-9qslc 1/1   Running   0          4h    192.168.177.201  knode     <none>
```

Note: One of the pods is deployed on kmaster because the taint from the master has been removed.