Deployment

Deployment YAML

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
  name: deploy-nginx
spec:
  selector:
    matchLabels:
      app: nginx
  replicas: 2
  template:
    metadata:
      labels:
        app: nginx
    spec:
      containers:
      - name: deploy-container
        image: nginx:1.7.9
        ports:
        - containerPort: 80
```

Cerulean Canvas

1 List out pods

```
$ kubectl get pods
```

2 List out pods of a single namespace

```
$ kubectl get pods --namespace=ceruleancanvas
```

3 List out deployment of a single namespace

```
$ kubectl get deployments --
namespace=ceruleancanvas
```

4 List out replicasets of a single namespace

```
$ kubectl get rs --namespace=ceruleancanvas
```

5 Describe the deployment

```
$ kubectl describe deployment deploy-nginx --
namespace=ceruleancanvas
```

Cerulean Canvas