Application Configuration

» Secret Volumes

Overview

First, create a secret that will be accessed from within the container.

```
kubectl create secret generic my-password --from-literal password=supersecret
```

Create a new deployment using the secret.

```
cat > secret-volume-deployment.yaml <<EOF
apiVersion: extensions/v1beta1
kind: Deployment
metadata:
  name: secret-volume-deployment
spec:
  template:
    metadata:
      labels:
        app: secret-volume
    spec:
      containers:
      - name: volume-secret
        image: busybox
        stdin: true
        tty: true
        volumeMounts:
        - mountPath: /secret
          name: secret-data
      volumes:
      - name: secret-data
        secret: {
          secretName: "my-password"
        }
  EOF
```

Create the deployment and view it's detail.

```
kubectl create -f secret-volume-deployment.yaml
kubectl get pods -l app==secret-volume
POD=$(kubectl get pods -l app==secret-volume --output=jsonpath={.items..metadata.name})
kubectl attach -it $POD
ls -la /
ls -la /secret
cat /secret/password
exit
```

Clean Up

```
kubectl delete deploy secret-volume-deployment
```