

```
apiVersion: v1
kind: Service
metadata:
  name: httpd
  labels:
    app: httpd
spec:
  ports:
    - port: 80
      name: httpd
  clusterIP: None
  selector:
    app: httpd
...
apiVersion: apps/v1
kind: StatefulSet
metadata:
  creationTimestamp: null
  labels:
    app: httpd
  name: httpd
spec:
  replicas: 4
  selector:
    matchLabels:
      app: httpd
  template:
    metadata:
      creationTimestamp: null
      labels:
        app: httpd
    spec:
      containers:
        - image: httpd:latest
          name: httpd
          resources: {}
```

```

metadata:
  creationTimestamp: null
  labels:
    app: httpd
  name: httpd
spec:
  replicas: 4
  selector:
    matchLabels:
      app: httpd
  template:
    metadata:
      creationTimestamp: null
      labels:
        app: httpd
    spec:
      containers:
      - image: httpd:latest
        name: httpd
        resources: {}
        ports:
        - containerPort: 80
          name: httpd
        volumeMounts:
        - name: www
          mountPath: /usr/local/apache2/htdocs
      volumeClaimTemplates:
      - metadata:
          name: www
        spec:
          accessModes: [ "ReadWriteOnce" ]
          resources:
            requests:
              storage: 10Mi

status: {}

```

```
soha@ubuntu:~/depi_r3/lec18$ kubectl get pods
```

NAME	READY	STATUS	RESTARTS	AGE
deploy-0	0/1	CrashLoopBackOff	11 (3m58s ago)	20m
deploy-1	0/1	CrashLoopBackOff	11 (3m24s ago)	20m
deploy-2	1/1	Running	1 (18m ago)	19m
deploy-3	0/1	CrashLoopBackOff	10 (3m52s ago)	19m
flaskapp-deployment-5b84dc4b8-wzdvs	1/1	Running	2 (18m ago)	14d
httpd-0	0/1	CrashLoopBackOff	6 (11s ago)	3m24s
httpd-1	0/1	CrashLoopBackOff	6 (11s ago)	3m19s
httpd-2	1/1	Running	0	3m14s
httpd-3	0/1	CrashLoopBackOff	5 (84s ago)	3m7s

```
soha@ubuntu:~/depi_r3/lec18$ kubectl get pvc
```

NAME	STATUS	VOLUME	CAPACITY	ACCESS MODES	STORAGECLASS	VOLUMEATTRIBUTESCLASS	AGE
www-deploy-0	Bound	pvc-e31241e2-f601-45df-abaa-0c9414186666	10Mi	RWO	standard	<unset>	21m
www-deploy-1	Bound	pvc-20316364-dcf2-484b-9be4-1df8e863fa4a	10Mi	RWO	standard	<unset>	21m
www-deploy-2	Bound	pvc-41794696-a7cb-47f1-881a-76360c25a233	10Mi	RWO	standard	<unset>	21m
www-deploy-3	Bound	pvc-07156e18-b266-4a37-8f57-288800c19c54	10Mi	RWO	standard	<unset>	20m
www-httpd-0	Bound	pvc-cc83abbe-57e0-4838-a497-67a2fac5ad9d	10Mi	RWO	standard	<unset>	4m34s
www-httpd-1	Bound	pvc-dba770f8-7af9-4bbb-8a60-5d085c6b8c91	10Mi	RWO	standard	<unset>	4m29s
www-httpd-2	Bound	pvc-4b10ab03-2fa2-4860-917e-93d72325a58e	10Mi	RWO	standard	<unset>	4m24s
www-httpd-3	Bound	pvc-85f2397d-60d7-4e46-a348-1418bf694408	10Mi	RWO	standard	<unset>	4m17s

```
soha@ubuntu:~/depi_r3/lec18$
```