

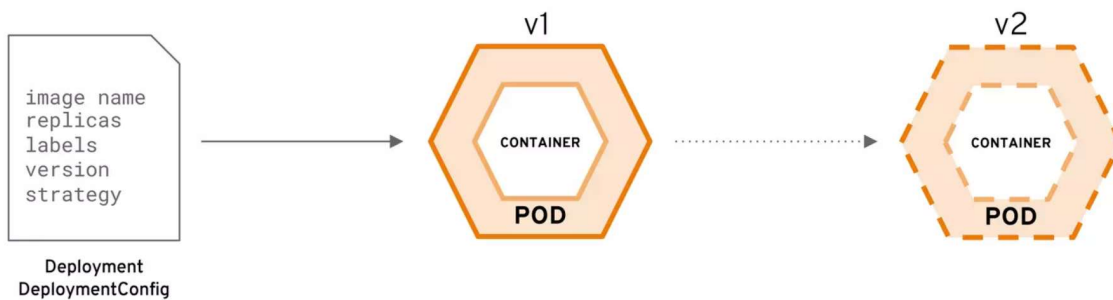
## 12- OPENSIFT DEPLOYMENTCONFIG CONCEPT



Sezgin KEŞCİOĞLU tarafından oluşturuldu  
Son güncelleme: bir dakika önce

OpenShift Concepts

# Deployments and DeploymentConfigurations define how to roll out new versions of Pods



### DeploymentConfig

```

1 kind: Template
2 apiVersion: template.openshift.io/v1
3 metadata:
4   name: keycloak
5   annotations:
6     description: An example template for trying out Keycloak on OpenShift
7     iconClass: icon-sso
8     openshift.io/display-name: Keycloak
9     tags: keycloak
10    version: 17.0.0-SNAPSHOT
11 objects:
12   - apiVersion: v1
13     kind: Service
14     metadata:
15       annotations:
16         description: The web server's http port.
17       labels:
18         application: '${APPLICATION_NAME}'
19         name: '${APPLICATION_NAME}'
20     spec:
21       ports:
22         - port: 8080
23           targetPort: 8080
24       selector:
25         deploymentConfig: '${APPLICATION_NAME}'
26   - apiVersion: v1
27     id: '${APPLICATION_NAME}'
28     kind: Route

```

```

32     labels:
33         application: '${APPLICATION_NAME}'
34         name: '${APPLICATION_NAME}'
35     spec:
36         host: '${HOSTNAME}'
37         tls:
38             termination: edge
39         to:
40             name: '${APPLICATION_NAME}'
41 - apiVersion: v1
42     kind: DeploymentConfig
43     metadata:
44         labels:
45             application: '${APPLICATION_NAME}'
46             name: '${APPLICATION_NAME}'
47     spec:
48         replicas: 1
49         selector:
50             deploymentConfig: '${APPLICATION_NAME}'
51         strategy:
52             type: Recreate
53         template:
54             metadata:
55                 labels:
56                     application: '${APPLICATION_NAME}'
57                     deploymentConfig: '${APPLICATION_NAME}'
58                 name: '${APPLICATION_NAME}'
59             spec:
60                 containers:
61                     - env:
62                         - name: KEYCLOAK_ADMIN
63                          value: '${KEYCLOAK_ADMIN}'
64                         - name: KEYCLOAK_ADMIN_PASSWORD
65                          value: '${KEYCLOAK_ADMIN_PASSWORD}'
66                         - name: KC_PROXY
67                          value: 'edge'
68                     image: quay.io/keycloak/keycloak:20.0.1
69                     livenessProbe:
70                         failureThreshold: 100
71                         httpGet:
72                             path: /
73                             port: 8080
74                             scheme: HTTP
75                         initialDelaySeconds: 60
76                     name: '${APPLICATION_NAME}'
77                     ports:
78                         - containerPort: 8080
79                          protocol: TCP
80                     readinessProbe:
81                         failureThreshold: 300
82                         httpGet:
83                             path: /
84                             port: 8080
85                             scheme: HTTP
86                         initialDelaySeconds: 30
87                     securityContext:
88                         privileged: false
89                     volumeMounts:
90                         - mountPath: /opt/keycloak/data
91                          name: empty
92                     args: ["start-dev"]
93                 volumes:
94                     - name: empty

```


```
98 parameters:
99 - name: APPLICATION_NAME
100   displayName: Application Name
101   description: The name for the application.
102   value: keycloak
103   required: true
104 - name: KEYCLOAK_ADMIN
105   displayName: Keycloak Administrator Username
106   description: Keycloak Server administrator username
107   generate: expression
108   from: '[a-zA-Z0-9]{8}'
109   required: true
110 - name: KEYCLOAK_ADMIN_PASSWORD
111   displayName: Keycloak Administrator Password
112   description: Keycloak Server administrator password
113   generate: expression
114   from: '[a-zA-Z0-9]{8}'
115   required: true
116 - name: HOSTNAME
117   displayName: Custom Route Hostname
118   description: >-
119     Custom hostname for the service route. Leave blank for default hostname,
120     e.g.: <application-name>-<namespace>.<default-domain-suffix>
121 - name: NAMESPACE
122   displayName: Namespace used for DNS discovery
123   description: >-
124     This namespace is a part of DNS query sent to Kubernetes API. This query
125     allows the DNS_PING protocol to extract cluster members. This parameter
126     might be removed once https://issues.jboss.org/browse/JGRP-2292 is
127     implemented.
128   required: true
```




+ Etiket ekle

İlgili sayfalar ⓘ






2- WHAT IS CONTAINER  
HYPER-EDU

 Birlikte düzenlendi




RED HAT | OPENSIFT 4  
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 Birlikte düzenlendi



10- OPENSIFT BUILDCONFIG CONCEPT  
HYPER-EDU

 Birlikte düzenlendi

😊 Tepki ekleyen ilk siz olun