|  |
| --- |
| apiVersion: v1 |
|  | kind: Service |
|  | metadata: |
|  | name: frontend |
|  | spec: |
|  | type: ClusterIP |
|  | selector: |
|  | app: frontend |
|  | ports: |
|  | - name: http |
|  | port: 80 |
|  | targetPort: 8080 |
|  | --- |
|  | apiVersion: v1 |
|  | kind: Service |
|  | metadata: |
|  | name: frontend-external |
|  | spec: |
|  | type: LoadBalancer |
|  | selector: |
|  | app: frontend |
|  | ports: |
|  | - name: http |
|  | port: 80 |
|  | targetPort: 8080 |

**kubectl expose deployment devhttpd1 --type=LoadBalancer –port=81 –target-port=80 - o yaml --dryrun=client > devhttpd service.yaml**

|  |
| --- |
| apiVersion: apps/v1 |
|  | kind: Deployment |
|  | metadata: |
|  | name: paymentservice |
|  | spec: |
|  | selector: |
|  | matchLabels: |
|  | app: paymentservice |
|  | template: |
|  | metadata: |
|  | labels: |
|  | app: paymentservice |
|  | spec: |
|  | serviceAccountName: default |
|  | terminationGracePeriodSeconds: 5 |
|  | containers: |
|  | - name: server |
|  | image: gcr.io/google-samples/microservices-demo/paymentservice:v0.3.6 |
|  | ports: |
|  | - containerPort: 50051 |
|  | env: |
|  | - name: PORT |
|  | value: "50051" |
|  | - name: DISABLE\_TRACING |
|  | value: "1" |
|  | - name: DISABLE\_PROFILER |
|  | value: "1" |
|  | - name: DISABLE\_DEBUGGER |
|  | value: "1" |
|  | readinessProbe: |

**kubectl create deployment devhttpd1 --image=httpd –o yaml –dry-run=client > devhttpd.yaml**