apiVersion: apps/v1

kind: Deployment

metadata:

name: azure-vote-back

spec:

replicas: 1

selector:

matchLabels:

app: azure-vote-back

template:

metadata:

labels:

app: azure-vote-back

spec:

nodeSelector:

"beta.kubernetes.io/os": linux

containers:

- name: azure-vote-back

image: mcr.microsoft.com/oss/bitnami/redis:6.0.8

env:

- name: ALLOW\_EMPTY\_PASSWORD

value: "yes"

ports:

- containerPort: 6379

name: redis

---

apiVersion: v1

kind: Service

metadata:

name: azure-vote-back

spec:

ports:

- port: 6379

selector:

app: azure-vote-back

---

apiVersion: apps/v1

kind: Deployment

metadata:

name: azure-vote-front

spec:

replicas: 1

selector:

matchLabels:

app: azure-vote-front

strategy:

rollingUpdate:

maxSurge: 1

maxUnavailable: 1

minReadySeconds: 5

template:

metadata:

labels:

app: azure-vote-front

spec:

nodeSelector:

"beta.kubernetes.io/os": linux

containers:

- name: azure-vote-front

image: mcr.microsoft.com/azuredocs/azure-vote-front:v1

ports:

- containerPort: 80

resources:

requests:

cpu: 250m

limits:

cpu: 500m

env:

- name: REDIS

value: "azure-vote-back"

---

apiVersion: v1

kind: Service

metadata:

name: azure-vote-front

spec:

type: LoadBalancer

ports:

- port: 80

selector:

app: azure-vote-front