apiVersion: apps/v1  
kind: Deployment  
metadata:  
  name: pod-a  
  namespace: app1  
spec:  
  replicas: 1  
  selector:  
    matchLabels:  
      app: pod-a  
  template:  
    metadata:  
      labels:  
        app: pod-a  
    spec:  
      containers:  
      - name: pod-a  
        image: pod-a-image  
        ports:  
        - containerPort: 8080  
        resources:  
          requests:  
            cpu: 400m  
            memory: 400Mi  
          limits:  
            cpu: 1000m  
            memory: 1000Mi  
             
---  
  
apiVersion: apps/v1  
kind: Deployment  
metadata:  
  name: pod-b  
  namespace: app2  
spec:  
  replicas: 1  
  selector:  
    matchLabels:  
      app: pod-b  
  template:  
    metadata:  
      labels:  
        app: pod-b  
    spec:  
      containers:  
      - name: pod-b  
        image: pod-b-image  
        ports:  
        - containerPort: 8080  
        resources:  
          requests:  
            cpu: 200m  
            memory: 200Mi  
          limits:  
            cpu: 1000m  
            memory: 1000Mi  
             
---  
  
apiVersion: apps/v1  
kind: Deployment  
metadata:  
  name: pod-c  
  namespace: app3  
spec:  
  replicas: 1  
  selector:  
    matchLabels:  
      app: pod-c  
  template:  
    metadata:  
      labels:  
        app: pod-c  
    spec:  
      containers:  
      - name: pod-c  
        image: pod-c-image  
        ports:  
        - containerPort: 8080  
        resources:  
          requests:  
            cpu: 400m  
            memory: 400Mi  
          limits:  
            cpu: 1000m  
            memory: 1000Mi