

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: gift-service
  labels:
    app: gift-service
    project: gift-service
    tier: backend
spec:
  replicas: 1 # From source_2
  selector:
    matchLabels:
      app: gift-service
  template:
    metadata:
      labels:
        app: gift-service
        project: gift-service
        tier: backend
    spec:
      containers:
        - name: api-gateway
          image: sk124590/api-gateway:2.1 # From source_8
          ports:
            - containerPort: 8080
          env:
            - name: SERVICE_USER_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_USER_URI
            - name: SERVICE_PRODUCT_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_PRODUCT_URI
            - name: SERVICE_WISH_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_WISH_URI
            - name: SERVICE_ORDER_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_ORDER_URI
            - name: JWT_SECRET
              valueFrom:
                secretKeyRef:
                  name: gift-secret
                  key: JWT_SECRET
      resources:
```

```
      requests: # From source_8
        cpu: "100m"
        memory: "256Mi"
      limits:
        cpu: "500m"
        memory: "512Mi"
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: user-service
  labels:
    app: user-service
    project: gift-service
    tier: backend
spec:
  replicas: 1 # From source_5
  selector:
    matchLabels:
      app: user-service
  template:
    metadata:
      labels:
        app: user-service
        project: gift-service
        tier: backend
    spec:
      containers:
        - name: user-service
          image: sk124590/user-service:2.1 # From source_5
          ports:
            - containerPort: 8084
          env:
            - name: JWT_SECRET
              valueFrom:
                secretKeyRef:
                  name: gift-secret
                  key: JWT_SECRET
            - name: KAKAO_CLIENT_ID
              valueFrom:
                secretKeyRef:
                  name: gift-secret
                  key: KAKAO_CLIENT_ID
            - name: KAKAO_CLIENT_SECRET
              valueFrom:
                secretKeyRef:
                  name: gift-secret
                  key: KAKAO_CLIENT_SECRET
            - name: KAKAO_REDIRECT_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: KAKAO_REDIRECT_URI
      resources:
```

```

        requests: # From source_5
          cpu: "100m"
          memory: "512Mi"
        limits:
          cpu: "500m"
          memory: "1Gi"
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: product-service
  labels:
    app: product-service
    project: gift-service
    tier: backend
spec:
  replicas: 1 # From source_9
  selector:
    matchLabels:
      app: product-service
  template:
    metadata:
      labels:
        app: product-service
        project: gift-service
        tier: backend
    spec:
      containers:
        - name: product-service
          image: sk124590/product-service:2.1 # From source_7
          ports:
            - containerPort: 8081
          resources:
            requests: # From source_7
              cpu: "150m"
              memory: "512Mi"
            limits:
              cpu: "1000m"
              memory: "1Gi"
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: wish-service
  labels:
    app: wish-service
    project: gift-service
    tier: backend
spec:
  replicas: 1 # From source_9
  selector:
    matchLabels:
      app: wish-service
  template:

```

```

metadata:
  labels:
    app: wish-service
    project: gift-service
    tier: backend
spec:
  containers:
  - name: wish-service
    image: sk124590/wish-service:2.1 # From source_9
    ports:
    - containerPort: 8082
    env:
    - name: SERVICE_PRODUCT_URI
      valueFrom:
        configMapKeyRef:
          name: gift-config
          key: SERVICE_PRODUCT_URI
  resources:
    requests: # From source_9
      cpu: "100m"
      memory: "512Mi"
    limits:
      cpu: "700m"
      memory: "1Gi"
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: order-service
  labels:
    app: order-service
    project: gift-service
    tier: backend
spec:
  replicas: 1 # From source_10
  selector:
    matchLabels:
      app: order-service
  template:
    metadata:
      labels:
        app: order-service
        project: gift-service
        tier: backend
    spec:
      containers:
      - name: order-service
        image: sk124590/order-service:2.1 # From source_4
        ports:
        - containerPort: 8083
        env:
        - name: SERVICE_PRODUCT_URI
          valueFrom:
            configMapKeyRef:

```

```

        name: gift-config
        key: SERVICE_PRODUCT_URI
      - name: SERVICE_WISH_URI
        valueFrom:
          configMapKeyRef:
            name: gift-config
            key: SERVICE_WISH_URI
      - name: SERVICE_USER_URI
        valueFrom:
          configMapKeyRef:
            name: gift-config
            key: SERVICE_USER_URI
      - name: FRONT_DOMAIN
        valueFrom:
          configMapKeyRef:
            name: gift-config
            key: FRONT_DOMAIN
      - name: KAKAO_CLIENT_ID
        valueFrom:
          secretKeyRef:
            name: gift-secret
            key: KAKAO_CLIENT_ID
      - name: KAKAO_CLIENT_SECRET
        valueFrom:
          secretKeyRef:
            name: gift-secret
            key: KAKAO_CLIENT_SECRET
    resources:
      requests: # From source_4
        cpu: "100m"
        memory: "512Mi"
      limits:
        cpu: "700m"
        memory: "1Gi"
---
apiVersion: v1
kind: Service
metadata:
  name: api-gateway-svc
  labels:
    app: api-gateway
spec:
  type: ClusterIP
  ports:
    - port: 8080
      targetPort: 8080
  selector:
    app: api-gateway
---
apiVersion: v1
kind: Service
metadata:
  name: user-service-svc
  labels:

```

```
    app: user-service
spec:
  type: ClusterIP
  ports:
    - port: 8084
      targetPort: 8084
  selector:
    app: user-service
---
apiVersion: v1
kind: Service
metadata:
  name: product-service-svc
  labels:
    app: product-service
spec:
  type: ClusterIP
  ports:
    - port: 8081
      targetPort: 8081
  selector:
    app: product-service
---
apiVersion: v1
kind: Service
metadata:
  name: wish-service-svc
  labels:
    app: wish-service
spec:
  type: ClusterIP
  ports:
    - port: 8082
      targetPort: 8082
  selector:
    app: wish-service
---
apiVersion: v1
kind: Service
metadata:
  name: order-service-svc
  labels:
    app: order-service
spec:
  type: ClusterIP
  ports:
    - port: 8083
      targetPort: 8083
  selector:
    app: order-service
---
apiVersion: v1
kind: Service
metadata:
```

```

name: gift-app-svc
labels:
  app: gift-app
spec:
  type: LoadBalancer # From source_12
  ports:
    - port: 8080
      targetPort: 8085
  selector:
    app: gift-app

```

YAML 위치와 내용	참조된 Source	비고
gift-service.Deployment.spec.replicas = 1	source_2	gift-service 배포 복제 수 정의
gift-service.Deployment.spec.template.spec.containers[0].image = sk124590/api-gateway:2.1	source_8	api-gateway 컨테이너 이미지 정의
gift-service.Deployment.spec.template.spec.containers[0].resources.requests	source_8	api-gateway 리소스 요청/제한 정의
user-service.Deployment.spec.replicas = 1	source_5	user-service 복제 수 정의
user-service.Deployment.spec.template.spec.containers[0].image = sk124590/user-service:2.1	source_5	user-service 컨테이너 이미지 정의
user-service.Deployment.spec.template.spec.containers[0].resources.requests	source_5	user-service 리소스 요청/제한 정의
product-service.Deployment.spec.replicas = 1	source_9	product-service 복제 수 정의
product-service.Deployment.spec.template.spec.containers[0].image = sk124590/product-service:2.1	source_7	product-service 컨테이너 이미지 정의
product-service.Deployment.spec.template.spec.containers[0].resources.requests	source_7	product-service 리소스 요청/제한 정의
wish-service.Deployment.spec.replicas = 1	source_9	wish-service 복제 수 정의
wish-service.Deployment.spec.template.spec.containers[0].image = sk124590/wish-service:2.1	source_9	wish-service 컨테이너 이미지 정의
wish-service.Deployment.spec.template.spec.containers[0].resources.requests	source_9	wish-service 리소스 요청/제한 정의

YAML 위치와 내용	참조된 Source	비고
order-service.Deployment.spec.replicas = 1	source_10	order-service 복제 수 정의
order-service.Deployment.spec.template.spec.containers[0].image = sk124590/order-service:2.1	source_4	order-service 컨테이너 이미지 정의
order-service.Deployment.spec.template.spec.containers[0].resources.requests	source_4	order-service 리소스 요청/제한 정의
gift-app-svc.Service.spec.type = LoadBalancer	source_12	gift-app 외부 노출 LoadBalancer 사용 정책

특징: configMap, secret 등의 리소스들이 정의가 안되어 있음. 환경변수를 참조할 주체가 없으므로