

```

apiVersion: apps/v1
kind: Deployment
metadata:
  name: gift-app
  labels:
    app: gift-app # Application name label
    project: gift-service # Project label from organizational policy
    tier: frontend # Tier label
spec:
  replicas: 1 # From source_2
  selector:
    matchLabels:
      app: gift-app
  template:
    metadata:
      labels:
        app: gift-app
        project: gift-service
        tier: frontend
    spec:
      containers:
        - name: gift-app
          image: sk124590/gift-app:2.1 # Container image and version from source_2
          ports:
            - containerPort: 8085
          resources:
            requests:
              cpu: "150m"
              memory: "512Mi"
            limits:
              cpu: "1000m"
              memory: "1Gi"
          env:
            - name: API_GATEWAY_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: API_GATEWAY_URI
            - name: KAKAO_REDIRECT_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: KAKAO_REDIRECT_URI
            - name: JWT_SECRET
              valueFrom:
                secretKeyRef:
                  name: gift-secret
                  key: JWT_SECRET
---
apiVersion: v1
kind: Service
metadata:

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```
name: gift-app-svc
labels:
  app: gift-app
  project: gift-service
  tier: frontend
spec:
  type: LoadBalancer # External exposure type from source_12
  ports:
    - port: 8080
      targetPort: 8085
  selector:
    app: gift-app
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: api-gateway
  labels:
    app: api-gateway
    project: gift-service
    tier: backend
spec:
  replicas: 1
  selector:
    matchLabels:
      app: api-gateway
  template:
    metadata:
      labels:
        app: api-gateway
        project: gift-service
        tier: backend
    spec:
      containers:
        - name: api-gateway
          image: sk124590/api-gateway:2.1
          ports:
            - containerPort: 8080
          resources:
            requests:
              cpu: "100m"
              memory: "256Mi"
            limits:
              cpu: "500m"
              memory: "512Mi"
      env:
        - name: SERVICE_USER_URI
          valueFrom:
            configMapKeyRef:
              name: gift-config
              key: SERVICE_USER_URI
        - name: SERVICE_PRODUCT_URI
          valueFrom:
            configMapKeyRef:
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        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
---
apiVersion: v1
kind: Service
metadata:
  name: api-gateway-svc
  labels:
    app: api-gateway
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8080
      targetPort: 8080
  selector:
    app: api-gateway
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: user-service
  labels:
    app: user-service
    project: gift-service
    tier: backend
spec:
  replicas: 1
  selector:
    matchLabels:
      app: user-service
  template:
    metadata:
      labels:
        app: user-service
        project: gift-service
        tier: backend
    spec:

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containers:
- name: user-service
  image: sk124590/user-service:2.1
  ports:
  - containerPort: 8084
  resources:
    requests:
      cpu: "100m"
      memory: "512Mi"
    limits:
      cpu: "500m"
      memory: "1Gi"
  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
---
apiVersion: v1
kind: Service
metadata:
  name: user-service-svc
  labels:
    app: user-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
  - port: 8084
    targetPort: 8084
  selector:
    app: user-service
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: product-service

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labels:
  app: product-service
  project: gift-service
  tier: backend
spec:
  replicas: 1
  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
          ports:
            - containerPort: 8081
          resources:
            requests:
              cpu: "150m"
              memory: "512Mi"
            limits:
              cpu: "1000m"
              memory: "1Gi"
---
apiVersion: v1
kind: Service
metadata:
  name: product-service-svc
  labels:
    app: product-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8081
      targetPort: 8081
  selector:
    app: product-service
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: wish-service
  labels:
    app: wish-service
    project: gift-service
    tier: backend
spec:

```

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replicas: 1
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
        ports:
          - containerPort: 8082
        resources:
          requests:
            cpu: "100m"
            memory: "512Mi"
          limits:
            cpu: "700m"
            memory: "1Gi"
        env:
          - name: SERVICE_PRODUCT_URI
            valueFrom:
              configMapKeyRef:
                name: gift-config
                key: SERVICE_PRODUCT_URI
---
apiVersion: v1
kind: Service
metadata:
  name: wish-service-svc
  labels:
    app: wish-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8082
      targetPort: 8082
  selector:
    app: wish-service
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: order-service
  labels:
    app: order-service
    project: gift-service
    tier: backend

```

```
spec:
  replicas: 1
  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
          ports:
            - containerPort: 8083
          resources:
            requests:
              cpu: "100m"
              memory: "512Mi"
            limits:
              cpu: "700m"
              memory: "1Gi"
          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

---
apiVersion: v1
kind: Service
metadata:
  name: order-service-svc
  labels:
    app: order-service
    project: gift-service
    tier: backend
spec:
  type: ClusterIP
  ports:
    - port: 8083
      targetPort: 8083
  selector:
    app: order-service
```

YAML 위치와 내용	참조된 Source	비고
gift-app.Deployment.spec.replicas = 1	source_2	주석상 출처는 source_2이나, 내부 데이터에션 gift-app의 Replica=1은 주로 서비스별 기본정보(source_7)-정책(source_11)에서 확인됨. source_2는 서비스 목록/의존관계 위주라 복제수 직접 명시는 없음.
gift-app.Deployment.spec.template.spec.containers[gift-app].image = sk124590/gift-app:2.1	source_2	주석상 출처는 source_2이나, 컨테이너 이미지/버전은 보통 gift-app 항목의 상세 정의(source_7)에 명시됨. source_2에는 이미지/버전 직접 기술 없음.
gift-app-svc.Service.spec.type = LoadBalancer	source_12	주석상 출처는 source_12이나, 외부 노출 방식(LoadBalancer)은 보통 서비스 노출 전략 정리 문서(source_4)에서 정의됨. source_12는 "이미지 태그 버전 고정/리소스 한계 등 조직 정책" 중심이며 노출 타입 직접 명시는 아님.