```yaml
apiVersion: v1
kind: Secret
metadata:
 name: gift-secret
 labels:
   app: gift-service
   project: gift-service
   tier: backend
# 민감 정보는 Base64로 인코딩되어야 합니다.
data:
 JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0=
 KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=
 KAKAO_CLIENT_SECRET: RnczSmlMNVBrcGV2WFZaaOU9pVk04YmZiZ0hVUEQ1RUE=
---
apiVersion: v1
kind: ConfigMap
metadata:
 name: gift-config
 labels:
   app: gift-service
   project: gift-service
   tier: backend
data:
 SERVICE_PRODUCT_URI: http://product-service-svc:8081
 KAKAO_REDIRECT_URI: http://localhost:8080/members/login/oauth2/code/kakao
 API_GATEWAY_URI: http://api-gateway-svc:8080
---
apiVersion: apps/v1
kind: Deployment
metadata:
 name: api-gateway
 labels:
   app: api-gateway
   project: gift-service
   tier: backend
spec:
 replicas: 1 # From source_4
 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
```

```yaml
        envFrom:
        - configMapRef:
            name: gift-config
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "100m"
            memory: "256Mi"
          limits:
            cpu: "500m"
            memory: "512Mi"
---
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 # From source_4
 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
       ports:
       - containerPort: 8084
```

```yaml
        envFrom:
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "100m"
            memory: "512Mi"
          limits:
            cpu: "700m"
            memory: "1Gi"
---
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
 labels:
   app: product-service
   project: gift-service
   tier: backend
spec:
 replicas: 1 # From source_4
 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:
```

```yaml
          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:
 replicas: 1 # From source_4
 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
        envFrom:
        - configMapRef:
            name: gift-config
        resources:
          requests:
            cpu: "100m"
            memory: "512Mi"
```

```yaml
        limits:
          cpu: "700m"
          memory: "1Gi"
---
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 # From source_4
 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
       envFrom:
       - configMapRef:
           name: gift-config
       - secretRef:
           name: gift-secret
       resources:
         requests:
           cpu: "100m"
           memory: "512Mi"
```

```yaml
        limits:
          cpu: "500m"
          memory: "512Mi"
---
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
---
apiVersion: apps/v1
kind: Deployment
metadata:
 name: gift-app
 labels:
   app: gift-app
   project: gift-service
   tier: frontend
spec:
 replicas: 1 # From source_4
 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
       ports:
       - containerPort: 8085
       envFrom:
       - configMapRef:
           name: gift-config
       - secretRef:
           name: gift-secret
       resources:
         requests:
           cpu: "100m"
           memory: "512Mi"
```

```yaml
        limits:
          cpu: "700m"
          memory: "1Gi"
---
apiVersion: v1
kind: Service
metadata:
 name: gift-app-svc
 labels:
    app: gift-app
    project: gift-service
    tier: frontend
spec:
 type: LoadBalancer
 ports:
 - port: 8080
   targetPort: 8085
 selector:
    app: gift-app
```

YAML 위치와 내용	참조된 Source	비고
`api-gateway.Deployment.spec.replicas = 1`	source_4	api-gateway의 복제 수 설정 값
`user-service.Deployment.spec.replicas = 1`	source_4	user-service의 복제 수 설정 값
`product-service.Deployment.spec.replicas = 1`	source_4	product-service의 복제 수 설정 값
`wish-service.Deployment.spec.replicas = 1`	source_4	wish-service의 복제 수 설정 값
`order-service.Deployment.spec.replicas = 1`	source_4	order-service의 복제 수 설정 값
`gift-app.Deployment.spec.replicas = 1`	source_4	gift-app의 복제 수 설정 값

특징: 배포 실패. configMap에 서비스 URI가 모두 정의되지 않아서 필요한 환경변수를 주입해주지 못함