```
apiVersion: v1
kind: Secret
metadata:
  name: gift-secret
  labels:
    app: gift-service
    project: gift-service
    tier: backend
data:
  JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0= # From
source 5
  KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM= # From source 5
  KAKAO_CLIENT_SECRET: RnczSmlMNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE= # From
source_5
___
apiVersion: v1
kind: ConfigMap
metadata:
 name: gift-config
  labels:
    app: gift-service
    project: gift-service
    tier: backend
data:
  API_GATEWAY_URI: http://api-gateway-svc:8080
  SERVICE_USER_URI: http://user-service-svc:8084
  SERVICE_PRODUCT_URI: http://product-service-svc:8081
  SERVICE_WISH_URI: http://wish-service-svc:8082
  SERVICE ORDER URI: http://order-service-svc:8083
  KAKAO REDIRECT URI: http://localhost:8080/members/login/oauth2/code/kakao
  FRONT_DOMAIN: http://localhost:8080
apiVersion: apps/v1
kind: Deployment
metadata:
  name: api-gateway
  labels:
    app: api-gateway
    project: gift-service
    tier: backend
  replicas: 1 # From source 6
  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 # From source_6
        - containerPort: 8080
        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
  replicas: 1 # From source 8
  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_8
        - containerPort: 8084
        envFrom:
        - configMapRef:
            name: gift-config
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "150m"
            memory: "512Mi"
          limits:
            cpu: "1000m"
            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
  replicas: 1 # From source 11
  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_10
        - 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:
  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 # From source_4
        ports:
        - containerPort: 8082
```

```
env:
        - name: SERVICE_PRODUCT_URI
          valueFrom:
            configMapKeyRef:
              name: gift-config
              key: SERVICE_PRODUCT_URI
        resources:
          requests:
            cpu: "100m"
            memory: "512Mi"
          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_7
  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_7
        ports:
```

```
- containerPort: 8083
        envFrom:
        - configMapRef:
            name: gift-config
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "100m"
            memory: "512Mi"
          limits:
            cpu: "700m"
            memory: "1Gi"
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_10
  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 # From source_10
        ports:
```

```
- containerPort: 8085
        envFrom:
        - configMapRef:
            name: gift-config
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "100m"
            memory: "512Mi"
          limits:
            cpu: "500m"
            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
gift-secret.Secret.data.JWT_SECRET = WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0=	source_5	JWT 서명 키 (Base64 인코 딩)
gift-secret.Secret.data.KAKAO_CLIENT_ID = YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=	source_5	카카오 OAuth 클라이언트 ID(Base64 인코 딩)
gift-secret.Secret.data.KAKAO_CLIENT_SECRET = RnczSmlMNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=	source_5	카카오 OAuth 클라이언트 시 크릿(Base64 인 코딩)
api-gateway.Deployment.spec.replicas = 1	source_6	api-gateway 복 제 수

YAML 위치와 내용	참조된 Source	비고
<pre>api-gateway.Deployment.spec.template.spec.containers[0].image = sk124590/api-gateway:2.1</pre>	source_6	api-gateway 컨 테이너 이미지/ 태그
user-service.Deployment.spec.replicas = 1	source_8	user-service 복 제 수
<pre>user-service.Deployment.spec.template.spec.containers[0].image = sk124590/user-service:2.1</pre>	source_8	user-service 컨 테이너 이미지/ 태그
product-service.Deployment.spec.replicas = 1	source_11	product- service 복제 수
<pre>product-service.Deployment.spec.template.spec.containers[0].image = sk124590/product-service:2.1</pre>	source_10	product- service 컨테이 너 이미지/태그
wish-service.Deployment.spec.replicas = 1	source_4	wish-service 복 제 수
<pre>wish-service.Deployment.spec.template.spec.containers[0].image = sk124590/wish-service:2.1</pre>	source_4	wish-service 컨 테이너 이미지/ 태그
order-service.Deployment.spec.replicas = 1	source_7	order-service 복제 수
<pre>order-service.Deployment.spec.template.spec.containers[0].image = sk124590/order-service:2.1</pre>	source_7	order-service 컨테이너 이미 지/태그
gift-app.Deployment.spec.replicas = 1	source_10	gift-app 복제 수
<pre>gift-app.Deployment.spec.template.spec.containers[0].image = sk124590/gift-app:2.1</pre>	source_10	gift-app 컨테이 너 이미지/태그