```yaml
apiVersion: v1
kind: Secret
metadata:
 name: gift-secret
 labels:
   project: gift-service
   tier: backend
   app: secret
data:
 JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0= # Base64
encoded JWT secret [From source_5]
 KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM= # Base64 encoded
Kakao Client ID [From source_5]
 KAKAO_CLIENT_SECRET: RnczSmlMNVBrcGV2WFZaaOU9pVk04YmZiZ0hVUEQ1RUE= # Base64
encoded Kakao Client Secret [From source_5]
---
apiVersion: v1
kind: ConfigMap
metadata:
 name: gift-config
 labels:
   project: gift-service
   tier: backend
   app: configmap
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
spec:
 replicas: 1
 selector:
   matchLabels:
     app: api-gateway
 template:
   metadata:
     labels:
       app: api-gateway
       project: gift-service
       tier: backend
```

```yaml
    spec:
      containers:
      - name: api-gateway
        image: sk124590/api-gateway:2.1
        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:
            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:
```

```yaml
    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:
     containers:
     - name: user-service
       image: sk124590/user-service:2.1
       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:
           cpu: "150m"
           memory: "512Mi"
         limits:
           cpu: "1000m"
```

```yaml
        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
 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:
```

```yaml
  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
 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
       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
```

```yaml
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
       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
```

```yaml
                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:
              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
 selector:
   matchLabels:
     app: gift-app
 template:
```

```yaml
    metadata:
      labels:
        app: gift-app
        project: gift-service
        tier: frontend
    spec:
      containers:
      - name: gift-app
        image: sk124590/gift-app:2.1
        ports:
        - containerPort: 8085
        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
        - 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:
            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	Base64 인코딩된 JWT 시크릿 값
gift-secret.Secret.data.KAKAO_CLIENT_ID = YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=	source_5	Base64 인코딩된 카카오 Client ID
gift-secret.Secret.data.KAKAO_CLIENT_SECRET = RnczSmlMNVBrcGV2WFZaaOU9pVk04YmZiZ0hVUEQ1RUE=	source_5	Base64 인코딩된 카카오 Client Secret