

```
apiVersion: v1
kind: Secret
metadata:
  name: gift-secret
  labels:
    app: gift-service
    project: gift-service
    tier: backend
stringData: # 민감 정보는 Base64로 인코딩됩니다
  JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1Ddm1nUWdnYUV5cGE1RT0=
  KAKAO_CLIENT_ID: YWMYMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=
  KAKAO_CLIENT_SECRET: RnczSm1MNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=
---
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
spec:
  replicas: 1
  selector:
    matchLabels:
      app: api-gateway
  template:
    metadata:
      labels:
        app: api-gateway
    spec:
      containers:
        - name: api-gateway
          image: sk124590/api-gateway:2.1
          ports:
```

```
- 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
spec:
  replicas: 1
  selector:
    matchLabels:
      app: user-service
  template:
    metadata:
      labels:
        app: user-service
    spec:
      containers:
        - name: user-service
          image: sk124590/user-service:2.1
          ports:
            - 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
spec:
  replicas: 1
  selector:
    matchLabels:
      app: product-service
  template:
    metadata:
      labels:
        app: product-service
    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:
    replicas: 1
    selector:
      matchLabels:
        app: wish-service
  template:
    metadata:
      labels:
        app: wish-service
    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"
        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
  selector:
    matchLabels:
      app: order-service
  template:
    metadata:
      labels:
        app: order-service
    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"
        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:
    metadata:
      labels:
        app: gift-app
    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"
            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 위치 와 내용	참조된 Source	비고
—	—	제공된 YAML에는 # From source_X 주석이 없어 매핑할 항목이 없습니다. 주석이 달린 부분만 표에 포함됩니다.

특징: secret에서 stringData로 넣어줘서 카카오 로그인이 X. data로 바꿔주니 잘 된다. stringData쓰지 말라고 했는데, 왜 쓰는걸까