```yaml
apiVersion: v1
kind: Secret
metadata:
 name: gift-secret
 labels:
   app: gift-service
   project: gift-service
   tier: backend
# 민감 정보 저장
stringData:
 JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0=
 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
# 비민감성 구성 변수 저장
 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
```

```yaml
        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:
              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
```

```yaml
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
       resources:
         requests:
           cpu: "150m"
           memory: "512Mi"
         limits:
           cpu: "1000m"
           memory: "1Gi"
       env:
       - 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
---
apiVersion: v1
kind: Service
metadata:
```

```yaml
  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
```

```yaml
  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
       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:
```

```yaml
  - 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
        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:
```

```yaml
                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
---
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
       resources:
         requests:
```

```yaml
              cpu: "100m"
              memory: "512Mi"
            limits:
              cpu: "500m"
              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
        - 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: gift-app-svc
 labels:
   app: gift-app
   project: gift-service
   tier: frontend
spec:
 type: LoadBalancer
 ports:
 - port: 8080
   targetPort: 8085
 selector:
   app: gift-app
```

특징: Secret에서 stringData로 들어가버렸고, configMap에서는 data 필드가 metadata의 하위 필드로 들어가버림. 이거만 수정해주니깐 다 잘된다.