

```
apiVersion: v1
kind: Secret
metadata:
  name: gift-secret
  labels:
    project: gift-service
    tier: backend
    app: gift-secret
data:
  JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmInUWdnYUV5cGE1RT0=
  KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=
  KAKAO_CLIENT_SECRET: RnczSm1MNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=
---
apiVersion: v1
kind: ConfigMap
metadata:
  name: gift-config
  labels:
    project: gift-service
    tier: backend
    app: gift-config
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
    spec:
      containers:
        - name: api-gateway
```

```

    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:
  ports:
    - protocol: TCP
      port: 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
        project: gift-service
        tier: backend
    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: 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
  ---
apiVersion: v1
kind: Service
```

```
metadata:
  name: user-service-svc
  labels:
    app: user-service
    project: gift-service
    tier: backend
spec:
  ports:
    - protocol: TCP
      port: 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:
  name: product-service-svc
  labels:
    app: product-service
    project: gift-service
    tier: backend
```

```
spec:
  ports:
    - protocol: TCP
      port: 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
          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:
  ports:
    - protocol: TCP
      port: 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
          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:
            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:
    ports:
      - protocol: TCP
        port: 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
          project: gift-service
          tier: frontend
      spec:
        containers:
          - name: gift-app

```

```

image: sk124590/gift-app:2.1
ports:
- containerPort: 8085
resources:
  requests:
    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:
- protocol: TCP
  port: 8080
  targetPort: 8085
  selector:
    app: gift-app

```


YAML 위치와 내용	참조된 Source	비고
(해당 YAML에는 # From source_x 주석이 없어 매핑할 항목이 없습니다)	-	-