

```
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
  KAKAO_REDIRECT_URI: http://localhost:8080/members/login/oauth2/code/kakao
  SERVICE_PRODUCT_URI: http://product-service-svc:8081
  SERVICE_WISH_URI: http://wish-service-svc:8082
  SERVICE_USER_URI: http://user-service-svc:8084
  FRONT_DOMAIN: http://localhost:8080
---
apiVersion: v1
kind: Secret
metadata:
  name: gift-secret
  labels:
    app: gift-service
    project: gift-service
    tier: backend

data:
  JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1Ddm1nUWdnYUV5cGE1RT0=
  KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=
  KAKAO_CLIENT_SECRET: RnczSm1MNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=
---
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
    resources:
      requests:
        cpu: "100m"
        memory: "256Mi"
      limits:
        cpu: "500m"
        memory: "512Mi"
    env:
      - name: JWT_SECRET
        valueFrom:
          secretKeyRef:
            name: gift-secret
            key: JWT_SECRET
      - 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
  ---
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
          resources:
            requests:
              cpu: "100m"
              memory: "512Mi"
            limits:
              cpu: "500m"
              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:
  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
          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:
    - 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:
              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:
                cpu: "150m"

```

```

      memory: "512Mi"
    limits:
      cpu: "1000m"
      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
  ---
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 내 용	참조된 Source	비고
(해당 없음)	(해당 없음)	제공된 YAML에 # From source_X 주석이 없어 매핑할 항목이 없습니다.

특징: 배포 실패. 각 서비스에서 필요한 환경 변수를 모두 주입해줄 않음.