```yaml
apiVersion: v1
kind: Secret
metadata:
  name: gift-secret # From source_5
  labels:
    app: gift-service # From source_11
    project: gift-service
    tier: backend
# 모든 민감 정보는 data 필드에 Base64로 인코딩되어야 함
# From source_13
data:
  JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0= # From source_5
  KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM= # From source_5
  KAKAO_CLIENT_SECRET: RnczSmlMNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE= # From source_5
---
apiVersion: v1
kind: ConfigMap
metadata:
  name: gift-config # From source_5
  labels:
    app: gift-service # From source_11
    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 # From source_6
  labels:
    app: api-gateway
    project: gift-service # From source_11
    tier: backend
spec:
  replicas: 1 # From source_6
  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 # From source_6
        ports:
        - containerPort: 8080 # From source_6
        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 # From source_11
    tier: backend
spec:
  ports:
  - port: 8080 # From source_3
    targetPort: 8080
  selector:
    app: api-gateway
  type: ClusterIP # From source_12
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: user-service # From source_8
  labels:
    app: user-service
    project: gift-service # From source_11
    tier: backend
spec:
  replicas: 1 # From source_8
  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 # From source_8
        ports:
        - containerPort: 8084 # From source_8
        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 # From source_11
    tier: backend
spec:
  ports:
  - port: 8084 # From source_12
    targetPort: 8084
  selector:
    app: user-service
  type: ClusterIP # From source_12
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: product-service # From source_10
  labels:
    app: product-service
    project: gift-service # From source_11
    tier: backend
spec:
  replicas: 1 # From source_10
  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 # From source_10
        ports:
        - containerPort: 8081 # From source_10
        resources:
          requests:
            cpu: "150m"
            memory: "512Mi"
          limits:
            cpu: "1000m"
            memory: "1Gi"
---
apiVersion: v1
kind: Service
metadata:
  name: product-service-svc
  labels:
```

```yaml
    app: product-service
    project: gift-service # From source_11
    tier: backend
spec:
  ports:
  - port: 8081 # From source_12
    targetPort: 8081
  selector:
    app: product-service
  type: ClusterIP # From source_12
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: wish-service # From source_4
  labels:
    app: wish-service
    project: gift-service # From source_11
    tier: backend
spec:
  replicas: 1 # From source_4
  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 # From source_4
        ports:
        - containerPort: 8082 # From source_4
        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 # From source_11
    tier: backend
spec:
  ports:
  - port: 8082 # From source_12
    targetPort: 8082
  selector:
    app: wish-service
  type: ClusterIP # From source_12
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: order-service # From source_7
  labels:
    app: order-service
    project: gift-service # From source_11
    tier: backend
spec:
  replicas: 1 # From source_7
  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 # From source_7
        ports:
        - containerPort: 8083 # From source_7
        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 # From source_11
    tier: backend
spec:
  ports:
  - port: 8083 # From source_12
    targetPort: 8083
  selector:
    app: order-service
  type: ClusterIP # From source_12
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: gift-app # From source_10
  labels:
    app: gift-app
    project: gift-service # From source_11
    tier: frontend
spec:
  replicas: 1 # From source_10
  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 # From source_10
        ports:
        - containerPort: 8085 # From source_10
        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 # From source_11
    tier: frontend
spec:
  ports:
  - port: 8080 # External port
    targetPort: 8085 # Internal container port
  selector:
    app: gift-app
  type: LoadBalancer # From source_12
```

YAML 위치와 내용	참조된 Source	비고
`gift-secret.Secret.metadata.name = gift-secret`	source_5	Secret 리소스 이름
`gift-secret.Secret.labels.app = gift-service`	source_11	공통 앱 라벨

YAML 위치와 내용	참조된 Source	비고
`gift-secret.Secret.data (policy) = Base64 인코딩 값만 사용`	source_13	민감 정보는 `data` 필드 (Base64)로 관리
`gift-secret.Secret.data.JWT_SECRET = WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0=`	source_5	JWT 시크릿 (Base64)
`gift-secret.Secret.data.KAKAO_CLIENT_ID = YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=`	source_5	Kakao Client ID(Base64)
`gift-secret.Secret.data.KAKAO_CLIENT_SECRET = RnczSmlMNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=`	source_5	Kakao Client Secret(Base64)
`gift-config.ConfigMap.metadata.name = gift-config`	source_5	ConfigMap 리소스 이름
`gift-config.ConfigMap.labels.app = gift-service`	source_11	공통 앱 라벨
`api-gateway.Deployment.metadata.name = api-gateway`	source_6	배포 이름
`api-gateway.Deployment.spec.replicas = 1`	source_6	복제 수
`api-gateway.Deployment.spec.template.spec.containers[0].image = sk124590/api-gateway:2.1`	source_6	컨테이너 이미지
`api-gateway.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8080`	source_6	컨테이너 포트
`api-gateway-svc.Service.metadata.labels.project = gift-service`	source_11	프로젝트 라벨
`api-gateway-svc.Service.spec.ports[0].port = 8080`	source_3	서비스 포트
`api-gateway-svc.Service.spec.type = ClusterIP`	source_12	서비스 타입
`user-service.Deployment.metadata.name = user-service`	source_8	배포 이름
`user-service.Deployment.spec.replicas = 1`	source_8	복제 수
`user-service.Deployment.spec.template.spec.containers[0].image = sk124590/user-service:2.1`	source_8	컨테이너 이미지
`user-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8084`	source_8	컨테이너 포트
`user-service-svc.Service.metadata.labels.project = gift-service`	source_11	프로젝트 라벨
`user-service-svc.Service.spec.ports[0].port = 8084`	source_12	서비스 포트
`user-service-svc.Service.spec.type = ClusterIP`	source_12	서비스 타입
`product-service.Deployment.metadata.name = product-service`	source_10	배포 이름
`product-service.Deployment.spec.replicas = 1`	source_10	복제 수
`product-service.Deployment.spec.template.spec.containers[0].image = sk124590/product-service:2.1`	source_10	컨테이너 이미지

YAML 위치와 내용	참조된 Source	비고
`product-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8081`	source_10	컨테이너 포트
`product-service-svc.Service.metadata.labels.project = gift-service`	source_11	프로젝트 라벨
`product-service-svc.Service.spec.ports[0].port = 8081`	source_12	서비스 포트
`product-service-svc.Service.spec.type = ClusterIP`	source_12	서비스 타입
`wish-service.Deployment.metadata.name = wish-service`	source_4	배포 이름
`wish-service.Deployment.spec.replicas = 1`	source_4	복제 수
`wish-service.Deployment.spec.template.spec.containers[0].image = sk124590/wish-service:2.1`	source_4	컨테이너 이미지
`wish-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8082`	source_4	컨테이너 포트
`wish-service-svc.Service.metadata.labels.project = gift-service`	source_11	프로젝트 라벨
`wish-service-svc.Service.spec.ports[0].port = 8082`	source_12	서비스 포트
`wish-service-svc.Service.spec.type = ClusterIP`	source_12	서비스 타입
`order-service.Deployment.metadata.name = order-service`	source_7	배포 이름
`order-service.Deployment.spec.replicas = 1`	source_7	복제 수
`order-service.Deployment.spec.template.spec.containers[0].image = sk124590/order-service:2.1`	source_7	컨테이너 이미지
`order-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8083`	source_7	컨테이너 포트
`order-service-svc.Service.metadata.labels.project = gift-service`	source_11	프로젝트 라벨
`order-service-svc.Service.spec.ports[0].port = 8083`	source_12	서비스 포트
`order-service-svc.Service.spec.type = ClusterIP`	source_12	서비스 타입
`gift-app.Deployment.metadata.name = gift-app`	source_10	배포 이름
`gift-app.Deployment.spec.replicas = 1`	source_10	복제 수
`gift-app.Deployment.spec.template.spec.containers[0].image = sk124590/gift-app:2.1`	source_10	컨테이너 이미지
`gift-app.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8085`	source_10	컨테이너 포트
`gift-app-svc.Service.metadata.labels.project = gift-service`	source_11	프로젝트 라벨
`gift-app-svc.Service.spec.type = LoadBalancer`	source_12	서비스 타입