```
apiVersion: v1
kind: Secret
metadata:
 name: gift-secret
 labels:
    app: gift-service # From source_11
    project: gift-service # From source 11
   tier: backend # From source_11
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
 labels:
    app: gift-service # From source_11
    project: gift-service # From source_11
   tier: backend # From source_11
data:
 API_GATEWAY_URI: http://api-gateway-svc:8080 # From source_5
 SERVICE USER URI: http://user-service-svc:8084 # From source 5
 SERVICE_PRODUCT_URI: http://product-service-svc:8081 # From source_5
 SERVICE_WISH_URI: http://wish-service-svc:8082 # From source_5
 SERVICE ORDER URI: http://order-service-svc:8083 # From source 5
 KAKAO REDIRECT URI: http://localhost:8080/members/login/oauth2/code/kakao # From
source 5
  FRONT_DOMAIN: http://localhost:8080 # From source_5
apiVersion: apps/v1
kind: Deployment
metadata:
 name: api-gateway
 labels:
    app: api-gateway # From source 11
    project: gift-service # From source 11
   tier: backend # From source_11
  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
        - containerPort: 8080 # From source_6
        envFrom:
        - configMapRef:
            name: gift-config
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "100m" # From source_6
            memory: "256Mi" # From source_6
          limits:
            cpu: "500m" # From source_6
            memory: "512Mi" # From source_6
apiVersion: v1
kind: Service
metadata:
  name: api-gateway-svc
  labels:
    app: api-gateway # From source_11
    project: gift-service # From source_11
    tier: backend # From source_11
spec:
  selector:
    app: api-gateway
  ports:
  - protocol: TCP
    port: 8080 # From source_3
    targetPort: 8080 # From source_6
  type: ClusterIP # From source_12
apiVersion: apps/v1
kind: Deployment
metadata:
  name: user-service
  labels:
    app: user-service # From source 11
    project: gift-service # From source_11
    tier: backend # From source_11
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
        - containerPort: 8084 # From source_8
        envFrom:
        - configMapRef:
            name: gift-config
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "150m" # From source_8
            memory: "512Mi" # From source_8
          limits:
            cpu: "1000m" # From source 8
            memory: "1Gi" # From source_8
apiVersion: v1
kind: Service
metadata:
  name: user-service-svc
  labels:
    app: user-service # From source_11
    project: gift-service # From source_11
   tier: backend # From source_11
spec:
  selector:
    app: user-service
 ports:
  - protocol: TCP
    port: 8084 # From source_12
    targetPort: 8084 # From source_8
  type: ClusterIP # From source_12
apiVersion: apps/v1
kind: Deployment
metadata:
  name: product-service
  labels:
    app: product-service # From source_11
    project: gift-service # From source 11
    tier: backend # From source_11
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" # From source_10
            memory: "512Mi" # From source_10
            cpu: "1000m" # From source_10
            memory: "1Gi" # From source_10
apiVersion: v1
kind: Service
metadata:
  name: product-service-svc
  labels:
    app: product-service # From source_11
    project: gift-service # From source_11
    tier: backend # From source_11
spec:
  selector:
    app: product-service
 ports:
  - protocol: TCP
    port: 8081 # From source_12
    targetPort: 8081 # From source 10
 type: ClusterIP # From source_12
apiVersion: apps/v1
kind: Deployment
metadata:
  name: wish-service
  labels:
    app: wish-service # From source_11
    project: gift-service # From source_11
    tier: backend # From source 11
spec:
  replicas: 1 # From source_3
  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_3
        ports:
        - containerPort: 8082 # From source_3
        envFrom:
        - configMapRef:
            name: gift-config
        resources:
          requests:
            cpu: "100m" # From source_3
            memory: "512Mi" # From source_3
          limits:
            cpu: "700m" # From source_3
            memory: "1Gi" # From source_3
apiVersion: v1
kind: Service
metadata:
  name: wish-service-svc
  labels:
    app: wish-service # From source_11
    project: gift-service # From source_11
    tier: backend # From source_11
spec:
  selector:
    app: wish-service
  ports:
  - protocol: TCP
    port: 8082 # From source_12
    targetPort: 8082 # From source_3
  type: ClusterIP # From source 12
apiVersion: apps/v1
kind: Deployment
metadata:
 name: order-service
  labels:
    app: order-service # From source_11
    project: gift-service # From source_11
    tier: backend # From source_11
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
        - containerPort: 8083 # From source_7
        envFrom:
        - configMapRef:
            name: gift-config
        - secretRef:
            name: gift-secret
        resources:
          requests:
            cpu: "100m" # From source_7
            memory: "512Mi" # From source_7
          limits:
            cpu: "700m" # From source_7
            memory: "1Gi" # From source_7
apiVersion: v1
kind: Service
metadata:
  name: order-service-svc
  labels:
    app: order-service # From source_11
    project: gift-service # From source_11
    tier: backend # From source_11
spec:
  selector:
    app: order-service
 ports:
  - protocol: TCP
    port: 8083 # From source_12
    targetPort: 8083 # From source 7
 type: ClusterIP # From source_12
apiVersion: apps/v1
kind: Deployment
metadata:
  name: gift-app
  labels:
    app: gift-app # From source_11
    project: gift-service # From source_11
    tier: frontend # From source_11
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" # From source_10
            memory: "512Mi" # From source_10
          limits:
            cpu: "500m" # From source_10
            memory: "1Gi" # From source_10
apiVersion: v1
kind: Service
metadata:
 name: gift-app-svc
 labels:
    app: gift-app # From source_11
    project: gift-service # From source_11
   tier: frontend # From source_11
spec:
  selector:
    app: gift-app
 ports:
  - protocol: TCP
    port: 8080 # From source_12
   targetPort: 8085 # From source_10
 type: LoadBalancer # From source_12
```

YAML 위치와 내용	참조된 Source	비고
gift-secret.Secret.metadata.labels.app = gift-service	source_11	공통 라벨 (app)
gift-secret.Secret.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
gift-secret.Secret.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
gift-secret.Secret.data.JWT_SECRET = WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1DdmlnUWdnYUV5cGE1RT0=	source_5	JWT 시크 릿(Base64)
gift-secret.Secret.data.KAKAO_CLIENT_ID = YWMyMGQ4NGY5N2I2NzlmMGJiZDIhODA2NWJhODIzZjM=	source_5	카카오 클 라이언트 ID(Base64)

YAML 위치와 내용	참조된 Source	비고
gift-secret.Secret.data.KAKAO_CLIENT_SECRET = RnczSmlMNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=	source_5	카카오 클 라이언트 시크릿 (Base64)
gift-config.ConfigMap.metadata.labels.app = gift-service	source_11	공통 라벨 (app)
gift-config.ConfigMap.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
gift-config.ConfigMap.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
gift-config.ConfigMap.data.API_GATEWAY_URI = http://api-gateway-svc:8080	source_5	게이트웨 이 서비스 URI
gift-config.ConfigMap.data.SERVICE_USER_URI = http://user-service-svc:8084	source_5	유저 서비 스 URI
gift-config.ConfigMap.data.SERVICE_PRODUCT_URI = http://product-service-svc:8081	source_5	상품 서비 스 URI
gift-config.ConfigMap.data.SERVICE_WISH_URI = http://wish-service-svc:8082	source_5	위시 서비 스 URI
gift-config.ConfigMap.data.SERVICE_ORDER_URI = http://order-service-svc:8083	source_5	주문 서비 스 URI
gift-config.ConfigMap.data.KAKAO_REDIRECT_URI = http://localhost:8080/members/login/oauth2/code/kakao	source_5	카카오 OAuth 리 다이렉트
gift-config.ConfigMap.data.FRONT_DOMAIN = http://localhost:8080	source_5	프론트 도 메인
api-gateway.Deployment.metadata.labels.app = api-gateway	source_11	공통 라벨 (app)
api-gateway.Deployment.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
api-gateway.Deployment.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
api-gateway.Deployment.spec.replicas = 1	source_6	파드 수
api-gateway.Deployment.spec.template.spec.containers[0].image = sk124590/api-gateway:2.1	source_6	컨테이너 이미지

YAML 위치와 내용	참조된 Source	비고
api-gateway.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8080	source_6	컨테이너 포트
api-gateway.Deployment.spec.template.spec.containers[0].resources.requests.cpu = "100m"	source_6	리소스 요 청 CPU
api- gateway.Deployment.spec.template.spec.containers[0].resources.requests.memory = "256Mi"	source_6	리소스 요 청 메모리
api-gateway.Deployment.spec.template.spec.containers[0].resources.limits.cpu = "500m"	source_6	리소스 제 한 CPU
api- gateway.Deployment.spec.template.spec.containers[0].resources.limits.memory = "512Mi"	source_6	리소스 제 한 메모리
api-gateway-svc.Service.metadata.labels.app = api-gateway	source_11	공통 라벨 (app)
api-gateway-svc.Service.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
api-gateway-svc.Service.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
api-gateway-svc.Service.spec.ports[0].port = 8080	source_3	서비스 포 트
api-gateway-svc.Service.spec.ports[0].targetPort = 8080	source_6	타겟 포트
api-gateway-svc.Service.spec.type = ClusterIP	source_12	서비스 타 입
user-service.Deployment.metadata.labels.app = user-service	source_11	공통 라벨 (app)
user-service.Deployment.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
user-service.Deployment.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
user-service.Deployment.spec.replicas = 1	source_8	파드 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

YAML 위치와 내용	참조된 Source	비고
user-service.Deployment.spec.template.spec.containers[0].resources.requests.cpu = "150m"	source_8	리소스 요 청 CPU
user- service.Deployment.spec.template.spec.containers[0].resources.requests.memory = "512Mi"	source_8	리소스 요 청 메모리
user-service.Deployment.spec.template.spec.containers[0].resources.limits.cpu = "1000m"	source_8	리소스 제 한 CPU
user- service.Deployment.spec.template.spec.containers[0].resources.limits.memory = "1Gi"	source_8	리소스 제 한 메모리
user-service-svc.Service.metadata.labels.app = user-service	source_11	공통 라벨 (app)
user-service-svc.Service.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
user-service-svc.Service.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
user-service-svc.Service.spec.ports[0].port = 8084	source_12	서비스 포 트
user-service-svc.Service.spec.ports[0].targetPort = 8084	source_8	타겟 포트
user-service-svc.Service.spec.type = ClusterIP	source_12	서비스 타 입
product-service.Deployment.metadata.labels.app = product-service	source_11	공통 라벨 (app)
product-service. Deployment. metadata. labels. project = gift-service	source_11	공통 라벨 (project)
product-service.Deployment.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
product-service.Deployment.spec.replicas = 1	source_10	파드 수
product-service.Deployment.spec.template.spec.containers[0].image = sk124590/product-service:2.1	source_10	컨테이너 이미지
product- service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8081	source_10	컨테이너 포트

YAML 위치와 내용	참조된 Source	비고
product- service.Deployment.spec.template.spec.containers[0].resources.requests.cpu = "150m"	source_10	리소스 요 청 CPU
product- service.Deployment.spec.template.spec.containers[0].resources.requests.memory = "512Mi"	source_10	리소스 요 청 메모리
product-service.Deployment.spec.template.spec.containers[0].resources.limits.cpu = "1000m"	source_10	리소스 제 한 CPU
product- service.Deployment.spec.template.spec.containers[0].resources.limits.memory = "1Gi"	source_10	리소스 제 한 메모리
product-service-svc.Service.metadata.labels.app = product-service	source_11	공통 라벨 (app)
product-service-svc.Service.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
product-service-svc.Service.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
product-service-svc.Service.spec.ports[0].port = 8081	source_12	서비스 포 트
product-service-svc.Service.spec.ports[0].targetPort = 8081	source_10	타겟 포트
product-service-svc.Service.spec.type = ClusterIP	source_12	서비스 타 입
wish-service.Deployment.metadata.labels.app = wish-service	source_11	공통 라벨 (app)
wish-service.Deployment.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
wish-service.Deployment.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
wish-service.Deployment.spec.replicas = 1	source_3	파드 수
wish-service.Deployment.spec.template.spec.containers[0].image = sk124590/wish-service:2.1	source_3	컨테이너 이미지
wish-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = 8082	source_3	컨테이너 포트
wish-service.Deployment.spec.template.spec.containers[0].resources.requests.cpu = "100m"	source_3	리소스 요 청 CPU

YAML 위치와 내용	참조된 Source	비고
wish- service.Deployment.spec.template.spec.containers[0].resources.requests.memory = "512Mi"	source_3	리소스 요 청 메모리
wish-service.Deployment.spec.template.spec.containers[0].resources.limits.cpu = "700m"	source_3	리소스 제 한 CPU
wish- service.Deployment.spec.template.spec.containers[0].resources.limits.memory = "1Gi"	source_3	리소스 제 한 메모리
wish-service-svc.Service.metadata.labels.app = wish-service	source_11	공통 라벨 (app)
wish-service-svc.Service.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
wish-service-svc.Service.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
wish-service-svc.Service.spec.ports[0].port = 8082	source_12	서비스 포 트
wish-service-svc.Service.spec.ports[0].targetPort = 8082	source_3	타겟 포트
wish-service-svc.Service.spec.type = ClusterIP	source_12	서비스 타 입
order-service.Deployment.metadata.labels.app = order-service	source_11	공통 라벨 (app)
order-service. Deployment. metadata. labels. project = gift-service	source_11	공통 라벨 (project)
order-service.Deployment.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
order-service.Deployment.spec.replicas = 1	source_7	파드 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.Deployment.spec.template.spec.containers[0].resources.requests.cpu = "100m"	source_7	리소스 요 청 CPU

YAML 위치와 내용	참조된 Source	비고
order- service.Deployment.spec.template.spec.containers[0].resources.requests.memory = "512Mi"	source_7	리소스 요 청 메모리
order-service.Deployment.spec.template.spec.containers[0].resources.limits.cpu = "700m"	source_7	리소스 제 한 CPU
order- service.Deployment.spec.template.spec.containers[0].resources.limits.memory = "1Gi"	source_7	리소스 제 한 메모리
order-service-svc.Service.metadata.labels.app = order-service	source_11	공통 라벨 (app)
order-service-svc.Service.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
order-service-svc.Service.metadata.labels.tier = backend	source_11	공통 라벨 (tier)
order-service-svc.Service.spec.ports[0].port = 8083	source_12	서비스 포 트
order-service-svc.Service.spec.ports[0].targetPort = 8083	source_7	타겟 포트
order-service-svc.Service.spec.type = ClusterIP	source_12	서비스 타 입
gift-app.Deployment.metadata.labels.app = gift-app	source_11	공통 라벨 (app)
gift-app.Deployment.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
gift-app.Deployment.metadata.labels.tier = frontend	source_11	공통 라벨 (tier)
gift-app.Deployment.spec.replicas = 1	source_10	파드 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.Deployment.spec.template.spec.containers[0].resources.requests.cpu = "100m"	source_10	리소스 요 청 CPU
gift-app.Deployment.spec.template.spec.containers[0].resources.requests.memory = "512Mi"	source_10	리소스 요 청 메모리

YAML 위치와 내용	참조된 Source	비고
gift-app.Deployment.spec.template.spec.containers[0].resources.limits.cpu = "500m"	source_10	리소스 제 한 CPU
gift-app.Deployment.spec.template.spec.containers[0].resources.limits.memory = "1Gi"	source_10	리소스 제 한 메모리
gift-app-svc.Service.metadata.labels.app = gift-app	source_11	공통 라벨 (app)
gift-app-svc.Service.metadata.labels.project = gift-service	source_11	공통 라벨 (project)
gift-app-svc.Service.metadata.labels.tier = frontend	source_11	공통 라벨 (tier)
gift-app-svc.Service.spec.ports[0].port = 8080	source_12	서비스 포 트
gift-app-svc.Service.spec.ports[0].targetPort = 8085	source_10	타겟 포트
gift-app-svc.Service.spec.type = LoadBalancer	source_12	서비스 타 입