

```

apiVersion: v1
kind: Secret
metadata:
  name: gift-secret
  labels:
    app: gift-service
    project: gift-service
    tier: backend
# From source_5 and source_11
data:
  JWT_SECRET: WW4ya2ppYmRkRkFXdG5QSjJBRmxMOFdYbW9oSk1Ddm1nUWdnYUV5cGE1RT0=
  KAKAO_CLIENT_ID: YWMyMGQ4NGY5N2I2NzlmMGJiZDlhODA2NWJhODIzZjM=
  KAKAO_CLIENT_SECRET: RnczSm1MNVBrcGV2WFZaOU9pVk04YmZiZ0hVUEQ1RUE=
# From source_5 and source_13
---
apiVersion: v1
kind: ConfigMap
metadata:
  name: gift-config
  labels:
    app: gift-service
    project: gift-service
    tier: backend
# From source_5 and source_11
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
# From source_6 and source_11
spec:
  replicas: 1 # From source_6
  selector:
    matchLabels:
      app: api-gateway
  template:
    metadata:
      labels:
        app: api-gateway
        project: gift-service

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    tier: backend
spec:
  containers:
  - name: api-gateway
    image: sk124590/api-gateway:2.1 # From source_6
    ports:
    - containerPort: 8080
    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
  resources:
    requests:
      cpu: "100m"
      memory: "256Mi"
    limits:
      cpu: "500m"
      memory: "512Mi"
# From source_6 and source_9
---
apiVersion: v1
kind: Service
metadata:
  name: api-gateway-svc
  labels:
    app: api-gateway
    project: gift-service
    tier: backend
# From source_6 and source_11
spec:
  type: ClusterIP
  ports:

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- 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
# From source_8 and 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
          ports:
            - containerPort: 8084
          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
      resources:
        requests:

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        cpu: "150m"
        memory: "512Mi"
      limits:
        cpu: "1000m"
        memory: "1Gi"
# From source_8 and source_9
---
apiVersion: v1
kind: Service
metadata:
  name: user-service-svc
  labels:
    app: user-service
    project: gift-service
    tier: backend
# From source_8 and source_11
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
# From source_10 and source_11
spec:
  replicas: 1 # From source_11
  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
          resources:
            requests:
              cpu: "150m"
              memory: "512Mi"

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        limits:
          cpu: "1000m"
          memory: "1Gi"
# From source_10 and source_9
---
apiVersion: v1
kind: Service
metadata:
  name: product-service-svc
  labels:
    app: product-service
    project: gift-service
    tier: backend
# From source_10 and source_11
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
# From source_4 and source_11
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
          env:
            - name: SERVICE_PRODUCT_URI
              valueFrom:
                configMapKeyRef:
                  name: gift-config
                  key: SERVICE_PRODUCT_URI

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    resources:
      requests:
        cpu: "100m"
        memory: "512Mi"
      limits:
        cpu: "700m"
        memory: "1Gi"
# From source_4 and source_9
---
apiVersion: v1
kind: Service
metadata:
  name: wish-service-svc
  labels:
    app: wish-service
    project: gift-service
    tier: backend
# From source_4 and source_11
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
# From source_7 and 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
          ports:
            - containerPort: 8083
          env:
            - name: SERVICE_PRODUCT_URI

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      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
  resources:
    requests:
      cpu: "100m"
      memory: "512Mi"
    limits:
      cpu: "700m"
      memory: "1Gi"
# From source_7 and source_9
---
apiVersion: v1
kind: Service
metadata:
  name: order-service-svc
  labels:
    app: order-service
    project: gift-service
    tier: backend
# From source_7 and source_11
spec:
  type: ClusterIP
  ports:
    - port: 8083
      targetPort: 8083
  selector:
    app: order-service

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```
---
apiVersion: apps/v1
kind: Deployment
metadata:
  name: gift-app
  labels:
    app: gift-app
    project: gift-service
    tier: frontend
# From source_8 and source_11
spec:
  replicas: 1 # From source_8
  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_8
          ports:
            - containerPort: 8085
          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
      resources:
```



```
      requests:
        cpu: "100m"
        memory: "512Mi"
      limits:
        cpu: "500m"
        memory: "1Gi"
# From source_8 and source_9
---
apiVersion: v1
kind: Service
metadata:
  name: gift-app-svc
  labels:
    app: gift-app
    project: gift-service
    tier: frontend
# From source_8 and source_11
spec:
  type: LoadBalancer
  ports:
    - port: 8080
      targetPort: 8085
  selector:
    app: gift-app
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YAML 위치와 내용	참조된 Source	비고
gift-secret.Secret.metadata.labels (block) = {app: gift-service, project: gift-service, tier: backend}	source_5, source_11	Secret 메타데이터/라벨 블록 전반
gift-secret.Secret.data (block) = JWT_SECRET, KAKAO_CLIENT_ID, KAKAO_CLIENT_SECRET	source_5, source_11	Secret 데이터 블록 전반
gift-secret.Secret.data (block) = JWT_SECRET, KAKAO_CLIENT_ID, KAKAO_CLIENT_SECRET	source_5, source_13	Secret 관리/민감정보 저장 정책 관련 근거
gift-config.ConfigMap.metadata.labels (block) = {app: gift-service, project: gift-service, tier: backend}	source_5, source_11	ConfigMap 메타데이터/라벨 블록 전반
api-gateway.Deployment (resource) = api-gateway	source_6, source_11	배포 리소스 전반에 대한 근거
api-gateway.Deployment.spec.replicas = 1	source_6	api-gateway 복제 수

YAML 위치와 내용	참조된 Source	비고
api-gateway.Deployment.spec.template.metadata.labels (block) = <code>{app: api-gateway, project: gift-service, tier: backend}</code>	source_6, source_11	Pod 라벨 블록
api-gateway.Deployment.spec.template.spec.containers[0].image = <code>sk124590/api-gateway:2.1</code>	source_6	컨테이너 이미지/태그
api-gateway.Deployment.spec.template.spec.containers[0].ports[0].containerPort = <code>8080</code>	source_6	컨테이너 포트
api-gateway.Deployment.spec.template.spec.containers[0].resources (block) = <code>requests{cpu:100m,memory:256Mi}, limits{cpu:500m,memory:512Mi}</code>	source_6, source_9	리소스 요청/제한 블록 전반
api-gateway-svc.Service (spec block) = <code>type: ClusterIP, ports: 8080→8080, selector: app=api-gateway</code>	source_6, source_11	Service 사양 블록 전반
user-service.Deployment (resource) = <code>user-service</code>	source_8, source_11	배포 리소스 전반에 대한 근거
user-service.Deployment.spec.replicas = <code>1</code>	source_8	user-service 복제 수
user-service.Deployment.spec.template.metadata.labels (block) = <code>{app: user-service, project: gift-service, tier: backend}</code>	source_8, source_11	Pod 라벨 블록
user-service.Deployment.spec.template.spec.containers[0].image = <code>sk124590/user-service:2.1</code>	source_8	컨테이너 이미지/태그
user-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = <code>8084</code>	source_8	컨테이너 포트
user-service.Deployment.spec.template.spec.containers[0].resources (block) = <code>requests{cpu:150m,memory:512Mi}, limits{cpu:1000m,memory:1Gi}</code>	source_8, source_9	리소스 요청/제한 블록 전반
user-service-svc.Service (spec block) = <code>type: ClusterIP, ports: 8084→8084, selector: app=user-service</code>	source_8, source_11	Service 사양 블록 전반
product-service.Deployment (resource) = <code>product-service</code>	source_10, source_11	배포 리소스 전반에 대한 근거
product-service.Deployment.spec.replicas = <code>1</code>	source_11	product-service 복제 수

YAML 위치와 내용	참조된 Source	비고
product-service.Deployment.spec.template.metadata.labels (block) = <code>{app: product-service, project: gift-service, tier: backend}</code>	source_10, source_11	Pod 라벨 블록
product-service.Deployment.spec.template.spec.containers[0].image = <code>sk124590/product-service:2.1</code>	source_10	컨테이너 이미지/태그
product-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = <code>8081</code>	source_10	컨테이너 포트
product-service.Deployment.spec.template.spec.containers[0].resources (block) = <code>requests{cpu:150m,memory:512Mi}, limits{cpu:1000m,memory:1Gi}</code>	source_10, source_9	리소스 요청/제한 블록 전반
product-service-svc.Service (spec block) = <code>type: ClusterIP, ports: 8081→8081, selector: app=product-service</code>	source_10, source_11	Service 사양 블록 전반
wish-service.Deployment (resource) = <code>wish-service</code>	source_4, source_11	배포 리소스 전반에 대한 근거
wish-service.Deployment.spec.replicas = <code>1</code>	source_4	wish-service 복제 수
wish-service.Deployment.spec.template.metadata.labels (block) = <code>{app: wish-service, project: gift-service, tier: backend}</code>	source_4, source_11	Pod 라벨 블록
wish-service.Deployment.spec.template.spec.containers[0].image = <code>sk124590/wish-service:2.1</code>	source_4	컨테이너 이미지/태그
wish-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = <code>8082</code>	source_4	컨테이너 포트
wish-service.Deployment.spec.template.spec.containers[0].resources (block) = <code>requests{cpu:100m,memory:512Mi}, limits{cpu:700m,memory:1Gi}</code>	source_4, source_9	리소스 요청/제한 블록 전반
wish-service-svc.Service (spec block) = <code>type: ClusterIP, ports: 8082→8082, selector: app=wish-service</code>	source_4, source_11	Service 사양 블록 전반
order-service.Deployment (resource) = <code>order-service</code>	source_7, source_11	배포 리소스 전반에 대한 근거
order-service.Deployment.spec.replicas = <code>1</code>	source_7	order-service 복제 수
order-service.Deployment.spec.template.metadata.labels (block) = <code>{app: order-service, project: gift-service, tier: backend}</code>	source_7, source_11	Pod 라벨 블록

YAML 위치와 내용	참조된 Source	비고
order-service.Deployment.spec.template.spec.containers[0].image = <code>sk124590/order-service:2.1</code>	source_7	컨테이너 이미지/태그
order-service.Deployment.spec.template.spec.containers[0].ports[0].containerPort = <code>8083</code>	source_7	컨테이너 포트
order-service.Deployment.spec.template.spec.containers[0].resources (block) = <code>requests{cpu:100m,memory:512Mi}, limits{cpu:700m,memory:1Gi}</code>	source_7, source_9	리소스 요청/제한 블록 전반
order-service-svc.Service (spec block) = <code>type: ClusterIP, ports: 8083→8083, selector: app=order-service</code>	source_7, source_11	Service 사양 블록 전반
gift-app.Deployment (resource) = <code>gift-app</code>	source_8, source_11	배포 리소스 전반에 대한 근거
gift-app.Deployment.spec.replicas = <code>1</code>	source_8	gift-app 복제 수
gift-app.Deployment.spec.template.metadata.labels (block) = <code>{app: gift-app, project: gift-service, tier: frontend}</code>	source_8, source_11	Pod 라벨 블록
gift-app.Deployment.spec.template.spec.containers[0].image = <code>sk124590/gift-app:2.1</code>	source_8	컨테이너 이미지/태그
gift-app.Deployment.spec.template.spec.containers[0].ports[0].containerPort = <code>8085</code>	source_8	컨테이너 포트
gift-app.Deployment.spec.template.spec.containers[0].resources (block) = <code>requests{cpu:100m,memory:512Mi}, limits{cpu:500m,memory:1Gi}</code>	source_8, source_9	리소스 요청/제한 블록 전반
gift-app-svc.Service (spec block) = <code>type: LoadBalancer, ports: 8080→8085, selector: app=gift-app</code>	source_8, source_11	Service 사양 블록 전반