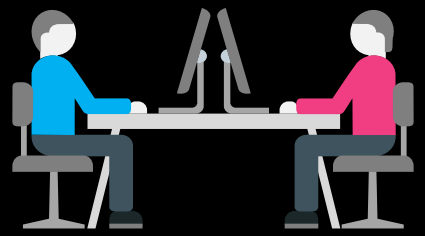
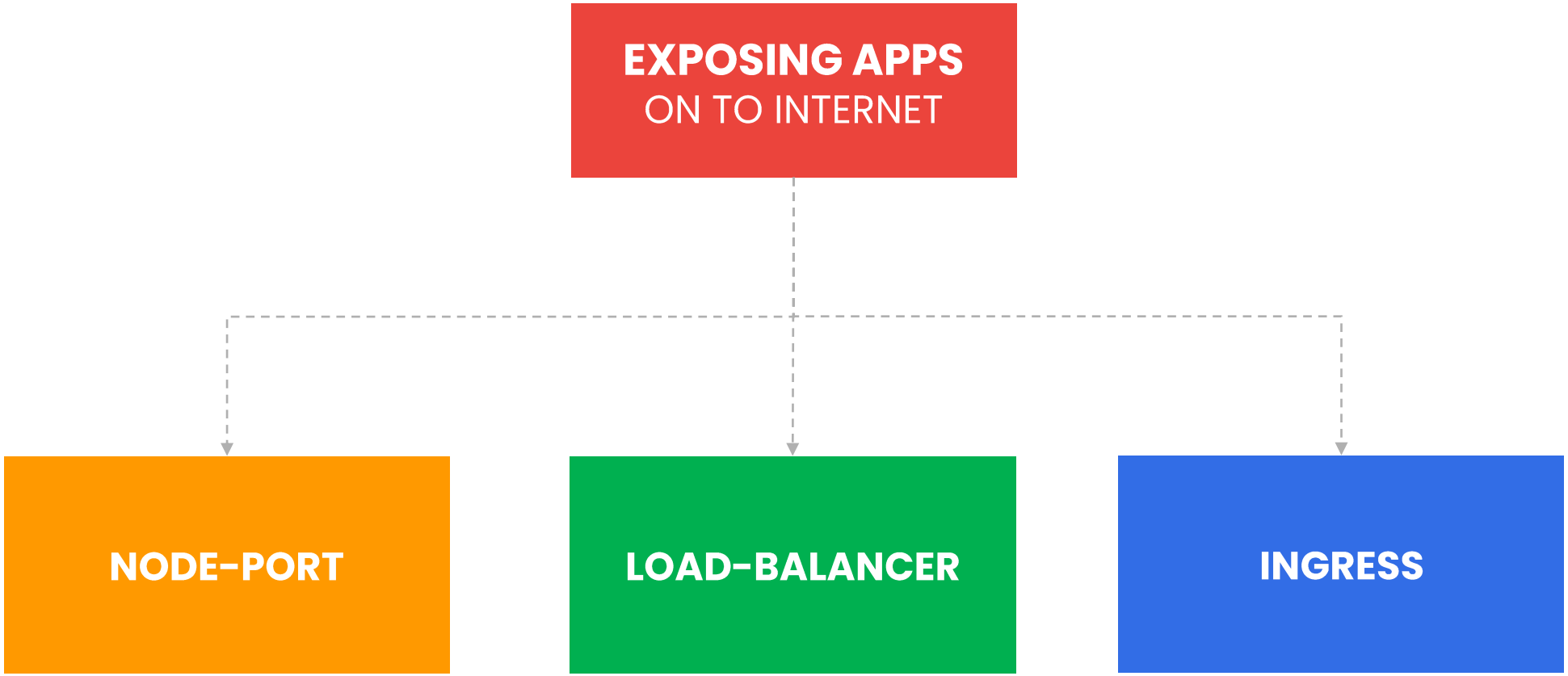
Internet-to-Services

Communication



EXPOSING APPS ON TO **INTERNET**



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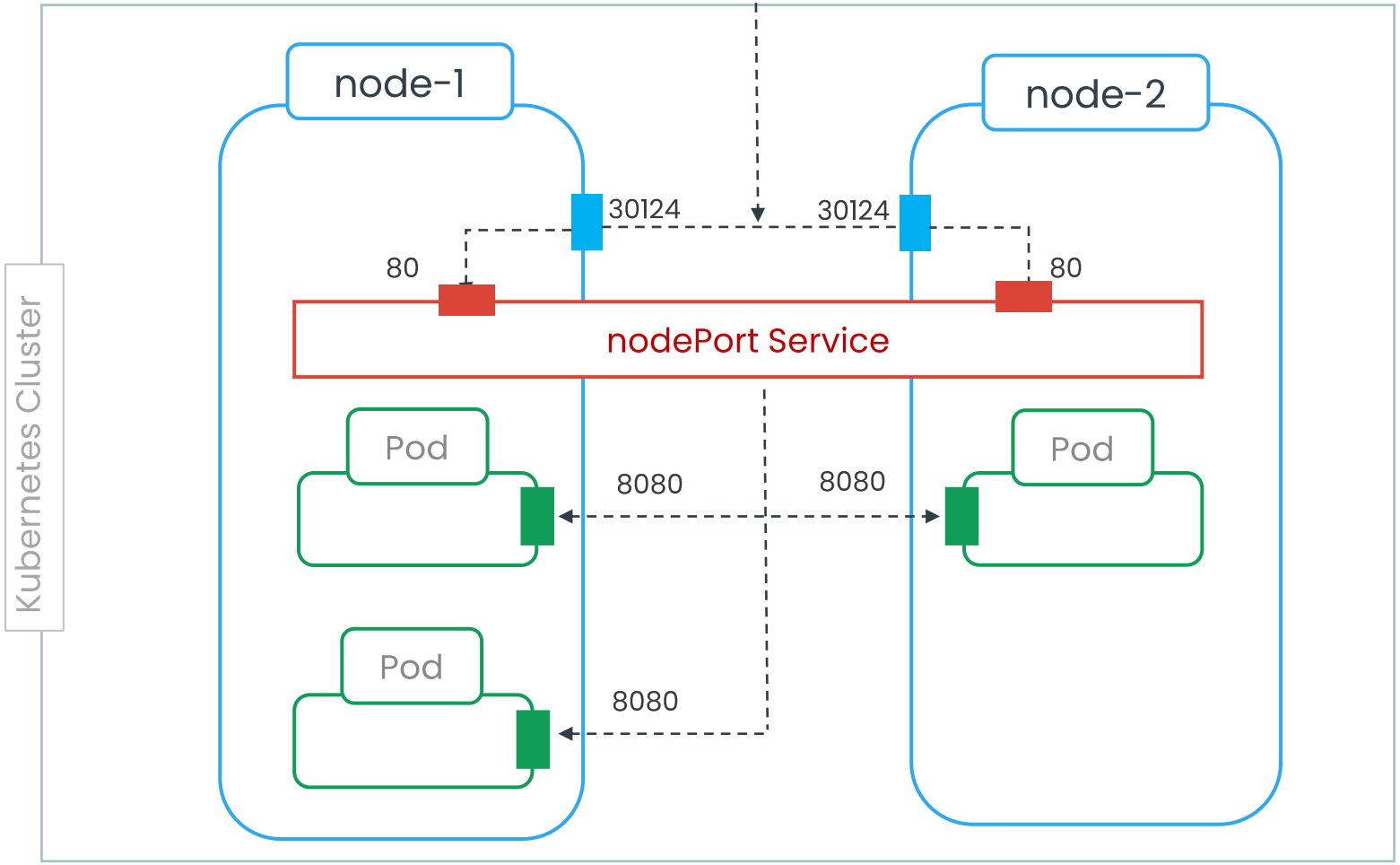
NODE-PORT

http(s)://www.[node-ip]:[node-port]




```yaml
apiVersion: v1
kind: Service
metadata:
  name: npapp-svc
spec:
  type: NodePort
  ports:
  - port: 80
    targetPort: 8080
    nodePort: 30124
  selector:
    app: npapp
```

- Demos / For testing purpose
- When node fails, then no Service.

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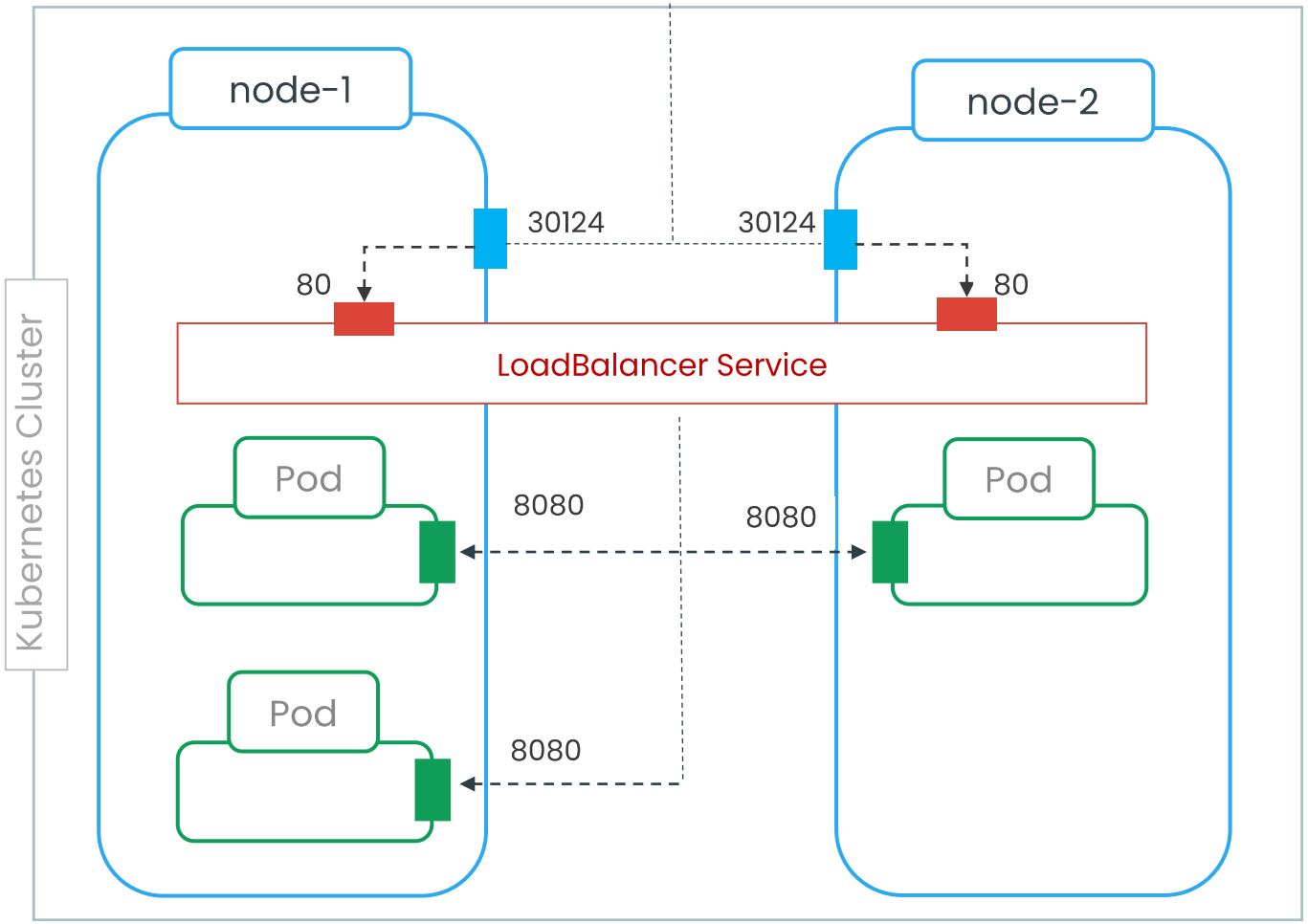
LOAD-BALANCER




```yaml
apiVersion: v1
kind: Service
metadata:
  name: lbapp-svc
spec:
  type: LoadBalancer
  ports:
  - port: 80
    targetPort: 8080
    nodePort: 30124
  selector:
    app: lbapp
```

- For exposing a service directly
- Multiple Services = Multiple Load Balancers
- Load Balancers are NOT free. Expensive

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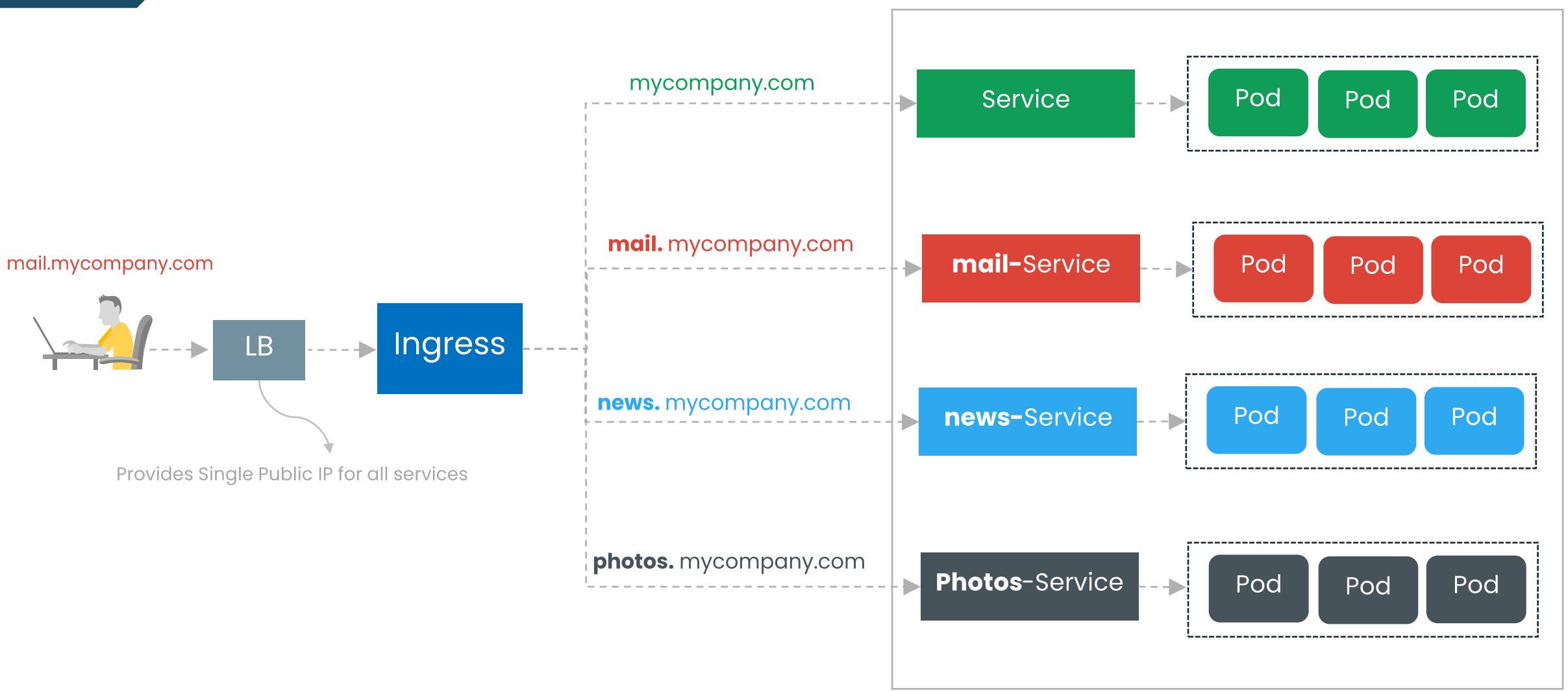
INGRESS



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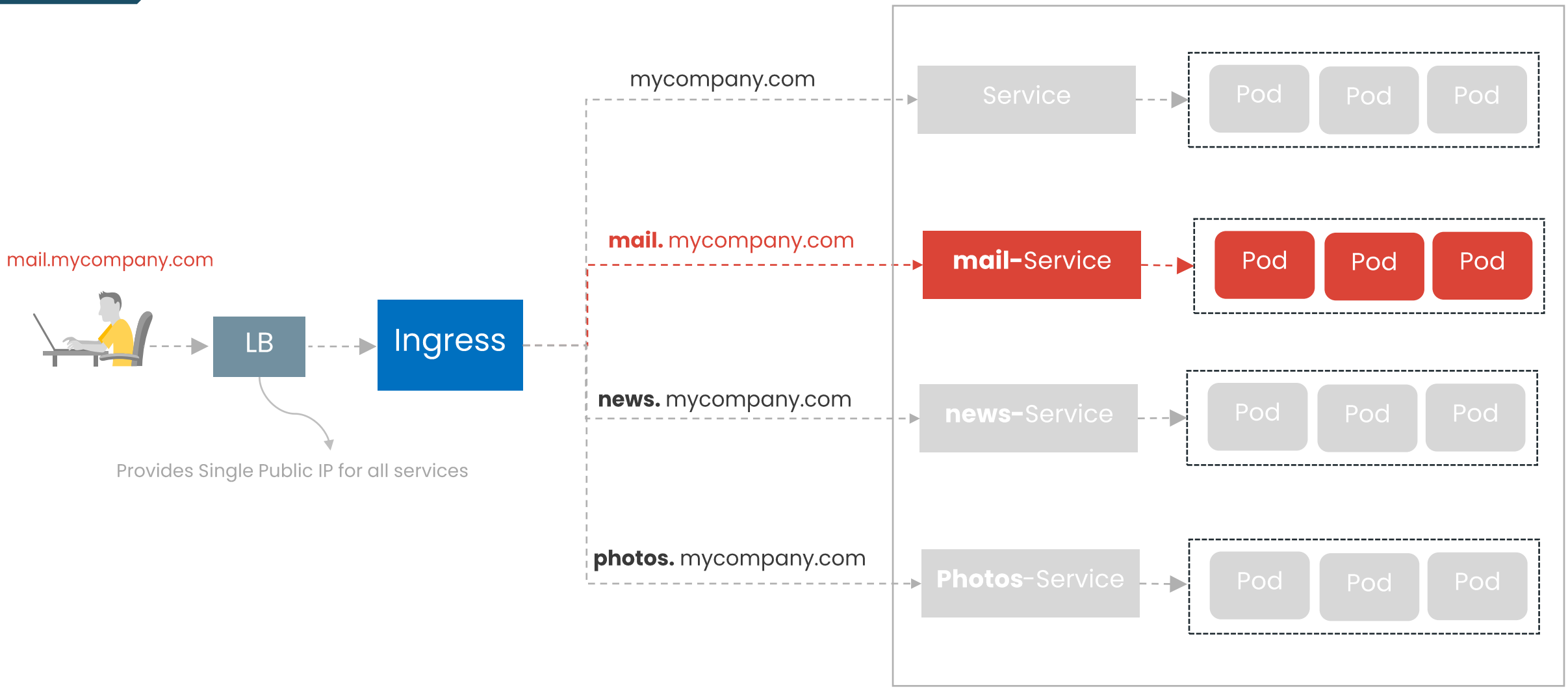
INGRESS



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