

NGINX-INGRESS

- ▶ Path-Based Routing
- ▶ Host-Based Routing
- ▶ SSL Termination (works with cert-manager)
- ▶ Configure with Annotations
- ▶ Scalable

```
apiVersion: extensions/v1beta1
kind: Ingress
metadata:
  annotations:
    certmanager.k8s.io/acme-challenge-type: dns01
    certmanager.k8s.io/cluster-issuer: letsencrypt-prod
    kubernetes.io/ingress.class: nginx-ingress
    kubernetes.io/ingress.ssl-redirect: "true"
    nginx.ingress.kubernetes.io/ssl-redirect: "true"
name: example-ingress
spec:
  rules:
  - host: ingress.example.com
    http:
      paths:
      - backend:
          serviceName: example-service
          servicePort: http
        path: /
  tls:
  - hosts:
    - ingress.example.com
    secretName: tis-secret
```

DATADOG AGENT

- ▶ Metrics
- ▶ Logs
- ▶ Cluster Agent for Custom HPA

```
datadog:  
  version: "1.21.2"  
  repository: stable  
  values:  
    daemonset:  
      updateStrategy: RollingUpdate  
      tolerations:  
        - key: node-role.kubernetes.io/master  
          effect: NoSchedule  
    rbac.create: "true"  
    kubeStateMetrics.enabled: "true"  
    kube-state-metrics.rbac.create: "true"  
    datadog:  
      apiKey: "${DATADOG_API_KEY}"  
      appKey: "${DATADOG_APP_KEY}"  
      leaderElection: "true"  
      collectEvents: "true"  
    clusterAgent:  
      enabled: true  
      token: "${DATADOG_CLUSTER_AGENT_TOKEN}"  
      metricsProvider:  
        enabled: true
```