

2Yellowfin 6GBRAMTraefikDNSIP80 (HTTP) Yellowfin

TraefikYellowfinYellowfinKubernetes KubernetesClusterIPKubernetes

Yellowfin Yellowfin YellowfinYellowfinYellowfin Yellowfin

[Yellowfin](#)

Yellowfin

- 1. Yellowfin ()
- 2. web.xml (Yellowfin Yellowfin)
- 3. KubernetesTraefik
- 4.

```
---
### Yellowfin Cluster Service ###
apiVersion: v1
kind: Service
metadata:
  name: yellowfin-cluster

spec:
  ports:
    - protocol: TCP
      name: web
      port: 8080
  selector:
    app: yellowfin-cluster
---
### Yellowfin Cluster Deployment ###
kind: Deployment
apiVersion: apps/v1
metadata:
  namespace: default
  name: yellowfin-cluster
  labels:
    app: yellowfin-cluster

spec:
  replicas: 2
  selector:
    matchLabels:
      app: yellowfin-cluster
  template:
    metadata:
      labels:
        app: yellowfin-cluster
    spec:
      containers:
        - env:
            - name: APP_MEMORY
              value: "6144"
            - name: CLUSTER_PORT
              value: "7800"
            - name: JDBC_CLASS_NAME
              value: INSERT_DATABASE_TYPE_HERE
            - name: JDBC_CONN_ENCRYPTED
              value: "true"
            - name: JDBC_CONN_PASS
              value: INSERT_JDBC_PASSWORD_HERE
            - name: JDBC_CONN_URL
              value: jdbc:INSERT_JDBC_CONNECTION_STRING_HERE
            - name: JDBC_CONN_USER
              value: INSERT_DATABASE_USER_HERE
```

```

      - name: NODE_BACKGROUND_TASKS
        value: REPORT_BROADCAST_BROADCASTTASK,REPORT_BROADCAST_MIREPORTTASK, FILTER_CACHE,
SOURCE_FILTER_REFRESH, SOURCE_FILTER_UPDATE_REMINDER, THIRD_PARTY_AUTORUN, ORGREF_CODE_REFRESH,
ETL_PROCESS_TASK, SIGNALS_DCR_TASK, SIGNALS_ANALYSIS_TASK, SIGNALS_CLEANUP_TASK, COMPOSITE_VIEW_REFRESH,
SIGNALS_CORRELATION_TASK
      - name: NODE_PARALLEL_TASKS
        value: 4,4,4,4,4,4,4,4,4,4,4,4,4
name: yellowfin-cluster
image: yellowfinbi/yellowfin-app-only:<RELEASE_VERSION_GOES_HERE>
ports:
  - name: web
    containerPort: 8080

---
### Yellowfin Cluster Ingress ###
apiVersion: traefik.containo.us/v1alpha1
kind: IngressRoute
metadata:
  name: yellowfiningressroute
  namespace: default
spec:
  entryPoints:
    - webs
  routes:
    - match: Host(`INSERT_DNS_HOSTNAME`)
      kind: Rule
      services:
        - name: yellowfin-cluster
          port: 8080
      sticky:
        cookie:
          httpOnly: true
          name: stickyCookie

```

5. (Yellowfin web.xml)
6. **INSERT_DNS_HOSTNAME**TraefikDNS (IP) Yellowfin DNS

```

### Yellowfin Cluster Ingress ###
apiVersion: traefik.containo.us/v1alpha1
kind: IngressRoute
metadata:
  name: yellowfiningressroute
  namespace: default
spec:
  entryPoints:
    - webs
  routes:
    - match: Host(`yellowfin.example.com`)
      kind: Rule
      services:
        - name: yellowfin-cluster
          port: 8080
      sticky:
        cookie:
          httpOnly: true
          name: stickyCookie

```

7. **yellowfin-cluster.yml**YAML
8. Yellowfin
Kubectf apply -f yellowfin-cluster.yml
9. URLYellowfin
10. Yellowfin (Yellowfin)
11. Yellowfin



AWS EKSYellowfin**CLUSTER_INTERFACE**Kubernetes

```
containers:
  -env
    name: CLUSTER_INTERFACE
    value: "match-interface:eth1"
```

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DockerKubernetes

Docker

- SwarmDocker
 - Sandbox
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- SwarmDocker
 - Sandbox - Swarm
 - - Swarm
 - - Swarm
 - - Swarm

Kubernetes

- Kubernetes
 - Sandbox -
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- Kubernetes
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Yellowfin

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- AWSYellowfin
- AzureYellowfin
- Google Cloud
- PlatformYellowfin

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- [Yellowfin](#)
- [LinuxYellowfin](#)
- [SAML Bridge](#)
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