

Monitoring & Alerting Checklist

Docker & Kubernetes YAML Reference

Essential YAML configurations for Docker and Kubernetes.

Dockerfile

```
FROM node:18-alpine
WORKDIR /app
COPY package*.json ./
RUN npm install
COPY . .
EXPOSE 3000
CMD ["npm", "start"]
```

docker-compose.yml

```
version: '3.8'
services:
  app:
    build: .
    ports:
      - "3000:3000"
    volumes:
      - ./app
    environment:
      - NODE_ENV=development
```

Kubernetes Pod

```
apiVersion: v1
kind: Pod
metadata:
  name: my-app
spec:
```

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containers:

- name: app

image: my-app:latest

ports:

- containerPort: 3000

Kubernetes Deployment

apiVersion: apps/v1

kind: Deployment

metadata:

name: my-app

spec:

replicas: 2

selector:

matchLabels:

app: my-app

template:

metadata:

labels:

app: my-app

spec:

containers:

- name: app

image: my-app:latest

ports:

- containerPort: 3000

Kubernetes Service

apiVersion: v1

kind: Service

metadata:

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name: my-service

spec:

selector:

app: my-app

ports:

- protocol: TCP

port: 80

targetPort: 3000

Kubernetes Ingress

apiVersion: networking.k8s.io/v1

kind: Ingress

metadata:

name: example-ingress

spec:

rules:

- host: example.com

http:

paths:

- path: /

pathType: Prefix

backend:

service:

name: my-service

port:

number: 80

Maintainer

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