

# Kubernetes Troubleshooting

Adfinis**sy**Group

Be smart. Think open source.

# Kubernetes Troubleshooting HandsOn

## Create a new file deployment-ghello.yml

```
apiVersion: extensions/v1beta1
kind: Deployment
metadata:
  name: ghello
  labels:
    app: ghello
spec:
  replicas: 1
  template:
    metadata:
      labels:
        app: ghello
    spec:
      containers:
      - name: ghello
        image: adfinissygroup/hello:latest
        imagePullPolicy: IfNotPresent
        livenessProbe:
          failureThreshold: 3
          periodSeconds: 10
          successThreshold: 1
          timeoutSeconds: 1
        exec:
          command:
          - /bin/sh
          - curl -s localhost:8080/healthz | grep "hello_world 1"
        ports:
        - containerPort: 80
          name: http
          protocol: TCP
        readinessProbe:
          failureThreshold: 3
          periodSeconds: 10
          successThreshold: 1
          timeoutSeconds: 1
        tcpSocket:
          port: http
          timeoutSeconds: 1
```

Apply it to your Kubernetes Cluster

Check if the Pod starts up correctly

Find out what the problem is & fix it

After fixing all the problems

```
restartPolicy: Always  
schedulerName: default-scheduler  
securityContext: {}  
terminationGracePeriodSeconds: 30
```

## Feel Free to Contact Us

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