CONFIGURATION GUIDES › KUBERNETES

Installing Applicare SingleAgent in Kubernetes Containers Using a Script

Applicare 10.0 · Updated August 21, 2024 · kubernetes, singleagent · **Pending technical review**

Note: Follow the steps in this to install the agent on the docker image.

Add the following line to the end of your YAML file during container creation.

```yaml
env:
- name: sname
value: <SERVERNAME>
```

Replace **<SERVERNAME>** with the desired name for container in Applicare. The **<SERVERNAME>** should be **unique for each containers.**

e.g.

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
namespace : tomcat-ns1
name: app-deployment-1
spec:
replicas: 1
selector:
matchLabels:
app: tomcat
template:
metadata:
labels:
app: tomcat
spec:
containers:
- name: tomcat-container1
image: petstore:latest
imagePullPolicy: Never
ports:
- containerPort: 8080
env:
- name: sname
value: petstore
```

Assign a unique name to each Kubernetes container.

e.g.

YAML

```yaml
apiVersion: apps/v1
kind: Deployment
metadata:
namespace : tomcat-ns1
name: app-deployment-1
spec:
replicas: 1
selector:
matchLabels:
app: tomcat
template:
metadata:
labels:
app: tomcat
spec:
containers:
- name: tomcat-container1
image: petstore:latest
imagePullPolicy: Never
ports:
- containerPort: 8080
env:
- name: sname
value: petstore1
---
apiVersion: apps/v1
kind: Deployment
metadata:
namespace : tomcat-ns1
name: app-deployment-2
spec:
replicas: 1
selector:
matchLabels:
app: tomcat
template:
metadata:
labels:
app: tomcat
spec:
containers:
- name: tomcat-container1
image: petstore:latest
imagePullPolicy: Never
```

```
ports:
- containerPort: 8080
env:
- name: sname
value: petstore2

---
apiVersion: v1
kind: Service
metadata:
namespace : tomcat-ns
name: tomcat-service-1
spec:
selector:
app: tomcat
ports:
- protocol: TCP
port: 81
targetPort: 8080
type: LoadBalancer
```