

Deploying to Your Oracle Container Engine for Kubernetes Cluster



Craig Golightly

SENIOR SOFTWARE CONSULTANT

@seethatgo www.seethatgo.com



Overview



Deploy image from OCIR to OKE

- Secret
- Deployment

Service

Initial deployment

Update deployment



```
$ kubectl create secret docker-registry <secret-name>  
--docker-server=<region-code>.ocir.io  
--docker-username='<tenancy-namespace>/<oci-username>'  
--docker-password='<oci-auth-token>'  
--docker-email='<email-address>'
```

```
$ kubectl create secret docker-registry ocirsecret  
--docker-server=phx.ocir.io  
--docker-username='ax4jvxlcvfyy/craig'  
--docker-password='afyUj1)00S+MB.A}S+Fp'  
--docker-email='craig@globomantics.com'
```

<secret-name> - will reference this later on

<region-code>, **<tenancy-namespace>**, **<oci-username>**, **<oci-auth-token>**

Similar parameters as docker login, tag, push

<email-address> - required but value not used



Configuration File



Deployment

- Pull and deploy image

Service

- LoadBalancer



Demo



Create deployment

Test the app running on Kubernetes



Demo



Change number of pods in deployment
Update app and push new image to repo
Deploy new image to cluster



Summary



Deploy to cluster

Change pods

Change app and update deployment

