Morgan Stanley - Hands-On Kubernetes

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Instructor

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Notes / Resources

1. This document: https://bit.ly/oct4-kube
2. Zoom meeting for week:
   https://roitraining.zoom.us/j/93364757317?pwd=eEpNWTBRaHlzTUpVVlI5dXYyY1gvQT09
3. Course Slides: https://courses.roitraining.com/960hbl1004.zip
4. Questionnaire: https://forms.gle/ZsR5vFsLeeQkqZBy8
5. Course Activities [these will be added here during the event]
   a. Running the Case Study App
   b. Building Docker Images
   c. Using a Container Registry
   d. Creating Kubernetes Clusters
   e. Using the kubectl CLI
   f. Creating Kubernetes Deployments
   g. Load Balancing
   h. Resource Limits and HPA
   i. Rolling Updates, Blue/Green, Canary
   j. Deploying StatefulSets
   k. Using Helm to Install a Database
   l. Friday Start: Create a cluster with Network Policy
   m. Running Kubernetes Jobs
   n. Modifying events-API to use database
   o. Network Policies
   p. Role-Based Access Control (Qwiklabs)
6. Qwiklabs Environment: https://www.qwiklabs.com/
   a. Secrets and configmaps:
   https://www.qwiklabs.com/focuses/20820?catalog_rank=%7B%22rank%22%3A1%2C%22num_filters%22%3A0%2C%22has_search%22%3Atrue%7D&parent=catalog&search_id=14160503

       b.
7. https://kubernetes.io/docs/tasks/configure-pod-container/configure-liveness-readiness-startup-probes/
8. https://v1-20.docs.kubernetes.io/docs/tasks/configure-pod-container/configure-liveness-readiness-startup-probes/
9. https://github.com/ahmetb/kubernetes-network-policy-recipes

Google Cloud Accounts for Labs

[to be added during the event]
Google Accounts: [List of assignments](#)