

Sample Agenda–App Modernization - OpenShift

Day 1	Bonus Content
Introduction	Lecture and Lab: <i>CI/CD for OpenShift using Jenkins</i>
Overview of Docker presentation	Lecture and Lab: IBM Cloud Paks for Applications and Kabanero
Lab: Building WebSphere Liberty Application using Docker	Lecture: <i>Common violations for migrating to 12-Factor apps</i>
Overview of Kubernetes (vanilla) presentation	Lecture and Lab: OpenShift 4 Overview + Operators Lab
OpenShift – Lab Environment Overview	Lecture and Lab: <i>Intro to Microservices and deploying a Microservices app</i>
BREAK	Lecture and Lab: Load Balancing JEE apps
Lecture: Application Modernization Migration Approaches	Lecture and Lab: Istio
Hands on Lab: Run Transformation Advisor against WebSphere apps	
BREAK	
Lecture: S2I and Templates	
Hands On Lab: <i>Deploy WebSphere Liberty Applications using S2I</i>	
BREAK	
Bonus Content 1	
Bonus Content 2	

1. Migration toolkit
2. Understanding Transformation Advisor
3. Creating docker image
4. Deploying to Liberty container using base image.
5. Intro to Openshift/Kubernetes/Docker