



# JOURNEY TO CLOUD-NATIVE APPLICATIONS WITH OPENSHIFT

Hands-on Technical Workshop Overview

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# WHAT YOU WILL LEARN

- Industry trends around enterprise application development
- Red Hat's approach to application modernization
- How to discuss migration and modernization with your customers or managers
- Migrating an existing legacy Java™ EE app to [Red Hat JBoss Enterprise Application Platform](#) on [OpenShift](#).
- Using modern frameworks like [Spring Boot](#), [Wildfly Swarm](#) and [Node.js](#) to implement cloud native microservices and replace monolithic functionality.
- Developing and deploying using [Red Hat OpenShift Container Platform](#), [Red Hat OpenShift Application Runtimes](#), and DevOps processes.
- The benefits and challenges with microservices
- Preventing and detecting issues in a distributed system.

# AGENDA

**10:15–10:30**

WELCOME

**10:30–11:30**

MOVING EXISTING APPS TO THE CLOUD

**11:30–12:00**

LUNCH

**12:00–12:45**

DEVELOPER INTRO TO OPENSIFT

**12:45–13:15**

PARTNER PRESENTATION

SVEN ANDERSSON - CGI

**13:15–14:30**

MONOLITHS TO MICROSERVICES PART 1

**14:30–14:45**

BREAK

**14:45–16:00**

MONOLITHS TO MICROSERVICES PART 2

**16:00–16:30**

WRAP-UP AND CLOSING REMARKS

# PREREQUISITES

- Laptop with recent browser:
  - Chrome, Firefox, Internet Explorer/Edge 10+, or Safari 9+ installed
- Are a Java developer, architect, or developer team lead interested in learning more about the latest technologies for modern application development
- Working knowledge of Java programming
- Familiarity with Linux container technology and concepts

# Hands-on Labs: [openshift-modernize-apps.katacoda.com](https://openshift-modernize-apps.katacoda.com)



## MONOLITHS TO MICROSERVICES HANDS-ON WORKSHOP

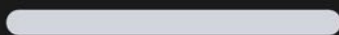


Getting Started  
with this course



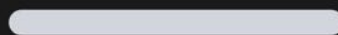
Start Scenario

Moving existing  
apps to the cloud



Start Scenario

A Developer  
Introduction to  
OpenShift



Start Scenario



# THANK YOU



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