



redhat.



Microsoft Azure

MONOLITHS TO MICROSERVICES: APP TRANSFORMATION

Hands-on Technical Workshop Overview

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](#), [Eclipse Vert.x](#), 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, including use cases for reactive microservices.
- Preventing and detecting issues in a distributed system.
- Pros and cons with different packaging techniques for microservices

AGENDA

9:00AM–9:15AM

WELCOME

9:15AM–10:15AM

MOVING EXISTING APPS TO THE CLOUD

10:15AM–11:00AM

DEVELOPER INTRO TO OPENSIFT

11:00AM–11:15AM

BREAK

11:15AM–12:30PM

MONOLITHS TO MICROSERVICES PART 1

12:30PM–1:00PM

LUNCH

1:00PM–2:15PM

MONOLITHS TO MICROSERVICES PART 2

2:15PM–3:00PM

REACTIVE MICROSERVICES WITH ECLIPSE VERT.X

3:00PM–3:15PM

BREAK

3:15PM–4:45PM (OPTIONAL LAB)

PREVENT AND DETECT DISTRIBUTED APP ISSUES

4:45PM–5:00PM

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

THANK YOU



LinkedIn: linkedin.com/company/red-hat

YouTube: youtube.com/user/RedHatVideos

Facebook: facebook.com/redhatinc

Twitter: twitter.com/RedHatNews

Google+: plus.google.com/+RedHat



LinkedIn: linkedin.com/company/microsoft/

YouTube: youtube.com/user/MSCloudOS

Facebook: facebook.com/microsoftazure/

Twitter: twitter.com/azure

Azure Friday: channel9.msdn.com/Shows/Azure-Friday

Azure | Channel 9: channel9.msdn.com/Blogs/Azure