



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](#), [Thorntail](#), [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–9:30AM

WELCOME & INTRO

9:30AM–10:30AM

MOVING EXISTING APPS TO THE CLOUD

10:30AM–11:15AM

DEVELOPER INTRO TO OPENSIFT

11:15AM–11:30AM

BREAK

11:30AM–12:30PM

MONOLITHS TO MICROSERVICES PART 1

12:30PM–1:00PM

LUNCH

1:00PM–2:00PM

MONOLITHS TO MICROSERVICES PART 2

2:00PM–3:00PM

REACTIVE MICROSERVICES WITH ECLIPSE VERT.X

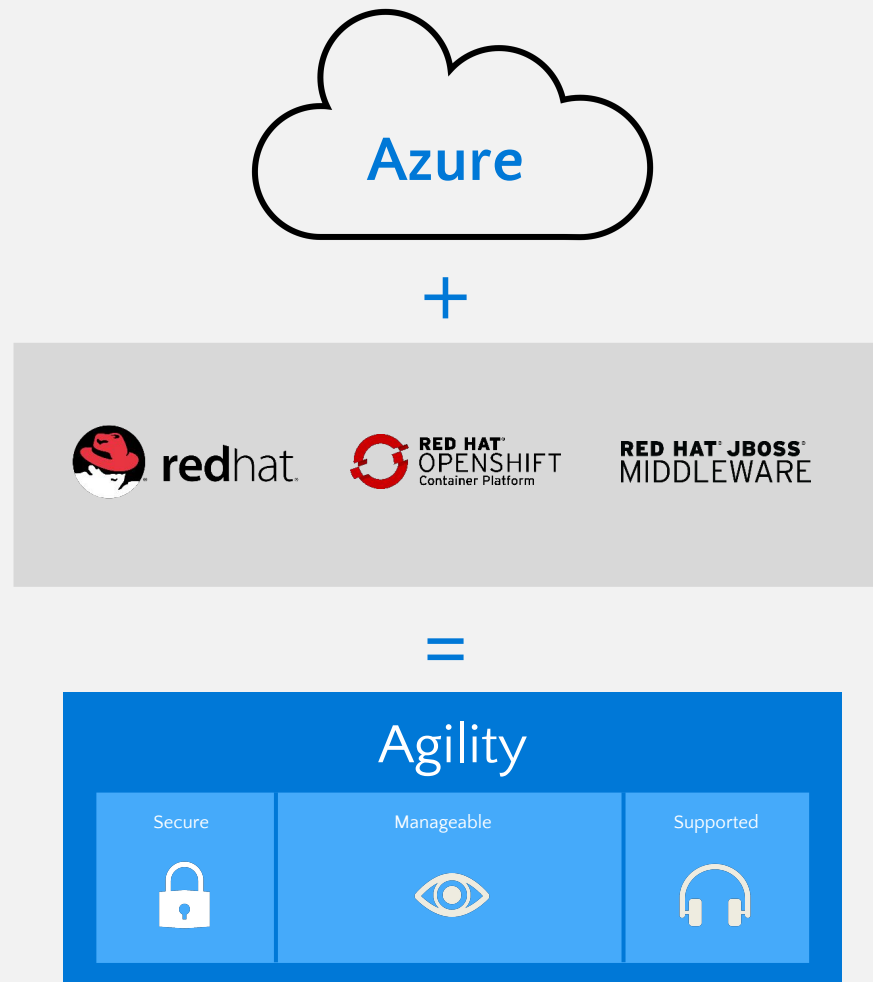
3:00PM–3:15PM

WRAP-UP AND CLOSING REMARKS

The cloud is where open enterprise innovation happens

In a cloud world—where organizations are looking at open source to drive agility and deliver apps more quickly—security and management remain top of mind

Through this partnership, Microsoft adds value to your Red Hat investments in Azure, wherever you are in your cloud journey



Red Hat on Azure Customers

More customer stories @ customers.microsoft.com - redhat.com/success-stories



l'abs

software defined mainframe®



Key takeaways

- 1 Microsoft + Red Hat are the trusted & leading partners in your Digital Transformation Journey
- 2 Microsoft + Red Hat have deep collaboration from joint engineering, global reach and integrated co-located support.
- 3 Continuing to evolve based on your needs



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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



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