JBoss Operations Network Next

John Doyle
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Agenda

- JON in the big picture
- Guideposts/Priorities
- What's the Future Hold?
- Getting Involved
JON in the Big Picture
JBoss xPaaS SERVICES FOR OPENSHEET

Where Middleware meets cloud...

<table>
<thead>
<tr>
<th>RED HAT JBOSS MIDDLEWARE</th>
<th>+</th>
<th>OPENSHIFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>JBoss EAP, EWS</td>
<td></td>
<td>aPaaS</td>
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<tr>
<td>JBoss A-MQ, Fuse, DV</td>
<td></td>
<td>iPaaS</td>
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<td>JBoss BRMS, BPM</td>
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<td>bpmPaaS</td>
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<td>FeedHenry by Red Hat</td>
<td></td>
<td>mPaaS</td>
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<tr>
<td>API Management, Security, IdM, Caching</td>
<td></td>
<td>Core Services</td>
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</tbody>
</table>
Evolution of Infrastructure Architectures

Bare Metal

Virtualized

Containerized
Evolution of Middleware Application Architectures

- **Monolithic**
- **SOA**
- **Microservices**
Guideposts and Priorities
User Interviews Outcomes

- Top Priorities for Management Solution
  - Alerts and Notifications
  - Ease of Use
  - Availability Monitoring and Reporting

- Most Valued Features of JON 3.x
  - Alerts/Notifications
  - Reports
  - Metrics and Charts
User Interview Outcomes

• Top Challenges with JON 3.x
  – Difficult to setup/configure
    • Highlighted by users as a Top Priority
  – Slow
    • Undermines our strong points
JBoss Operations Network
Solution Overview

- **Inventory**
  Automatic Resource Discovery

- **Software Updates**
  Remain secure, and up to date

- **Monitoring**
  Real-time graphs, Email alerts, etc.

- **Configuration**
  Update selected resources without XML editing

- **Command Line Interface**
  Automate & script operational tasks

- **Control**
  Remotely Start, Stop, Restart servers

- **Scheduler**
  Schedule operational tasks, updates, maintenance

- **Deployment**
  Install/Update your own application components
What's the Future Hold
JON Next Features

- Single Management Console for the JBoss Portfolio
- Graduated Investment for Users
  - Agentless Monitoring and Management
- Integrations with other Red Hat Management Products
  - OpenShift
  - Satellite
  - Cloud Forms
- Integration with Red Hat Services
  - Red Hat Access
  - Red Hat Access Insights
  - Subscription Asset Management (Entitlements)
JON Next Features

- Application Centric View
- Management as a Service?
Getting Involved
Upstream is the Most Impactful Way
Hawkular.org

Open Source Monitoring and Management Platform

Download Hawkular  View on GitHub

React on various events
Setup alerts and do your own stuff

Monitoring ready to use

On-premise or in the cloud
Will also run on OpenShift

#redhat #rhsummit
Getting Involved

• Hawkular.org
  – Alpha 1 release June 4<sup>th</sup> 2015
    • Simple application URL monitoring
    • Simple WildFly 9 server availability monitoring

• Based upon
  – Hawkular Metrics
  – Hawkular Alerts
  – WildFly Agent
  – KeyCloak
  – ...

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Getting Involved

- Contact Product Management
  - jdoyle@redhat.com
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