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# Red Hat IT's Approach to Consolidating SOA Infrastructure on JBoss Enterprise SOA Platform

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09/02/2009







# The Landscape

Multiple platforms

Multiple middleware technologies

Dozens of applications and services

Mission critical



# Goals: Efficiency and Sustainability

# The Migration

## Application Migration (Tomcat to JBoss EAP)

- 20 Key Applications and Services

- High volume

- Low tolerance for errors

## Middleware Migration (Everything to JBoss SOA)

- Order processing flows

- Relatively low volume

- No tolerance for errors

A close-up, slightly blurred photograph of a clock face. The clock is white with black markings. The number 12 is prominently displayed in the center. To the left of 12 is the number 11, and to the right is the number 1. Below the 12, the words "Prime Time" are written in a cursive font. The clock's outer rim is visible at the top and right edges.

12

*Prime Time*



# The Mechanics

Repeatability

Puppetize!

Durability

No single points of failure

Consistency

Stick to the Linux toolchain

Parallel Deployments

Trust me – it's not going to work the first time



# The Shortcomings

Weaker real-time monitoring

Stability has reduced our dependency

Fewer bells and whistles

Simplicity has lead to a better implementation



# The Savings

## Efficiency

- One platform with regular updates

- Container functionality replaced custom code

- Developers understanding more lines of code

## Sustainability

- Single support relationship

- Open Source == Effective Support

- One platform to secure, monitor, optimize

- Better value

# The Savings

## Efficiency

One platform with regular updates

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## Sustainability

Single support relationship

Open Source == Effective Support

One platform to secure, monitor, optimize

Better value

**QUESTIONS?**

**TELL US WHAT YOU THINK:  
[REDHAT.COM/JBOSSWORLD-SURVEY](https://redhat.com/jboss-world-survey)**



# Appendix – All images from Creative Commons

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