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

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# The Landscape

Multiple platforms

Multiple middleware technologies

Dozens of applications and services

Mission critical



easy

STAPLED

# 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



11 12 1

*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

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Better value

# QUESTIONS?

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