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SECURITY ASSURANCE WITH JBOSS ENTERPRISE APPLICATION PLATFORM

Anil Saldhana,
Lead Security Architect (JBoss),
Red Hat

Ray Ploski,
Senior Solutions Architect, Red Hat
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Introduction

Speakers

- Anil Saldhana
- Ray Ploski

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Introduction - Agenda

Session

- Middleware Security – JBoss Platforms
- Secure Your Applications (Web, EJB etc)
 - Security Domains
 - Encrypt passwords in clear text
- Security Features
 - Audit
 - XACML (Access Control)

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Introduction - Agenda

Session

- Identity Management with PicketLink
- Best Practices and Tips
- Q & A

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Middleware Security – JBoss Platforms

Security is critical to middleware

- Balance between features and configuration
- Security Response Team
 - Cross-cutting, multi-geo and round-the-clock.

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Secure Your Applications

Security Domain

- Central concept in security configuration for EAP.
- Defines the modules for
 - Authentication
 - Authorization
 - Audit
 - Mapping

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Secure Your Applications

Encrypt/Mask Passwords in Clear Text

- Do you like to see passwords in the clear?
- Facilities to encrypt/mask/hash passwords:
 - Data store Passwords
 - Tomcat connector Passwords
 - Messaging Destination Passwords
 - Microcontainer Beans Passwords

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Security Features

Audit Capabilities

- You can audit your Web and EJB applications.
- Depends on enabling Java EE Container Security.
- Configuration enables granularity of auditing for web requests.



Security Features

Oasis XACML2 Support for Access Control

- Facilitates fine grained authorization.
- Available for container security for Web and EJB Applications.
- Direct usage of the XACML Engine API for your business applications.

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Identity Management

PicketLink Integration in EAP 5.1

- Technical Preview.
- Identity Model Available.
- Federated Identity support for SAML2, WS-Trust 1.3 and OpenID

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Best Practices and Tips

- Make use of Java EE Container Security.
- Register to obtain security patches and updates.
- Keep your system up to date.

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Q & A

Thank You!!!

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