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# SECURITY ASSURANCE WITH JBOSS ENTERPRISE APPLICATION PLATFORM

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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.

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# 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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