

ibm.com



e-business



Powerful and secure infrastructures with WebSphere Application Server for z/OS



Redbooks

International Technical Support Organization

© Copyright IBM Corp. 2003. All rights reserved.

Holger Wunderlich

wunderl@us.ibm.com

Notices

This information was developed for products and services offered in the U.S.A.

Note to U.S. Government Users Restricted Rights -- Use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM Corp.

IBM may not offer the products, services, or features discussed in this document in other countries. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user's responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:
IBM Director of Licensing, IBM Corporation, North Castle Drive Armonk, NY 10504-1785 U.S.A.

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrates programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. You may copy, modify, and distribute these sample programs in any form without payment to IBM for the purposes of developing, using, marketing, or distributing application programs conforming to IBM's application programming interfaces.



ibm.com/redbooks

© Copyright IBM Corp. 2003. All rights reserved.

Agenda

Powerful and secure infrastructures with WebSphere Application Server for z/OS

- WAS 5 Overview
- WAS 5 Base Installation Quickstart
- WAS 5 Enabling Global Security, hints & tips

- WAS 5 Security Overview
- WAS 5 Authentication, Authorization, Auditing & Registries
- WAS 5 Architecting for Availability, Security and Performance
- WAS 5 Web & EJB Container Security
- WAS 5 WLM considerations / update

Optional Sessions (on demand)

- WAS 5 Application Migration from a security perspective
- WAS 5 HTTP Sessions / update
- WebSphere Outlook



ibm.com/redbooks

© Copyright IBM Corp. 2003. All rights reserved.

Trademarks

The following terms are trademarks of the International Business Machines Corporation in the United States, other countries, or both:

The following terms are trademarks of other companies:

Intel, Intel Inside (logos), MMX, and Pentium are trademarks of Intel Corporation in the United States, other countries, or both.

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

Java and all Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

SET, SET Secure Electronic Transaction, and the SET Logo are trademarks owned by SET Secure Electronic Transaction LLC.

Other company, product, and service names may be trademarks or service marks of others.



ibm.com/redbooks

© Copyright IBM Corp. 2003. All rights reserved.

Agenda

Application Deployment and Back-End Integration with WebSphere for z/OS

- Architecting J2EE applications
- J2EE 1.3 specifications and WebSphere Programming Model Extensions (PMEs)
- Java specific use on z/OS
- Connecting to EIS (CICs, IMS, DB2)
- Programming for WebSphere MQ and WebSphere MQI
- Tools for the AD live cycle (WSADIE, WSAM, WSWs, WSAA)
- Deployment tooling and scripting
- Application migration
- Programming for performance and scalability
- WebSphere Portal Server on z/OS



ibm.com/redbooks

© Copyright IBM Corp. 2003. All rights reserved.

Download the material:

- ▶ related Redbooks:
 - ▶ WWW.REDBOOKS.IBM.COM
 - ▶ W3.ITSO.IBM.COM
- ▶ Workshop Material
 - ▶ Intranet:
 - ▶ <http://w3.itso.ibm.com/itsoapps/material.nsf/webbydate>
 - ▶ wtscpok.itso.ibm.com/~wsweb/POK00621/ITSOZ7.zip
 - ▶ PW:ITSO2003
 - ▶ Internet:
 - ▶ ftp://www.redbooks.ibm.com/redbooks/itso_zseries_workshops_2003/ITSOZ7.zip
 - ▶ PW:ITSO2003



ibm.com/redbooks

© Copyright IBM Corp. 2003. All rights reserved.