

Washington Systems Center

IBM Americas Advanced Technical Support



The Washington Systems Center and the eServer zSeries teams offer valuable "no-charge" hands-on Web-enablement workshops. Many of your customers have already taken advantage of these workshops. The content of the workshops has been updated to include the latest release levels of the Web Enabling products covered during these sessions.

The eight workshops offered are:

- [WebSphere Application Server for z/OS Version 6.0 - \(WBSR6\)](#)
- [Security Workshop: WebSphere Application Server for z/OS - \(WSW06\)](#)
- [Deploying WebSphere Centric Products on Linux for zSeries - \(LINX6\)](#)
- [z/OS JAVA Exploiters and JAVA Batch Workshop - \(ZJAV1\)](#)
- [WebSphere Process Server V6 for z/OS Implementation Workshop - \(WPSZ6\)](#)
- [System z: SOA, ESB and Web Services Workshop - \(ZSOA1\)](#)
- [WebSphere Message Broker for z/OS Version 6 Workshop - \(WMB06\)](#)
- [CICS and Web Services Workshop - \(WSC31\)](#)

(Individual course descriptions are below and can be found on the ITES Internet Catalog at <http://www.ibm.com/services/learning/us/>)

Dates	Location	Course Code
May 2 - 4	Chicago, IL	WSW06
May 9 - 11	Gaithersburg	WMD06 (Pilot)
May 9 - 11	Gaithersburg	ZSOA1 (Pilot)
May 16 - 18	Toronto	WBSR6
May 22 - 24	TBD	ZSOA1
June 13 - 15	New York City	ZJAV1
June 13 - 15	Gaithersburg	LINX6
June 20 - 22	Chicago	ZSOA1
June 20 - 22	Gaithersburg	WMB06
June 20 - 22	New York City	WBSR6
June 27 - 29	Kansas City	ZJAV1
June 27 - 29	New York City	WSW06
July 11 - 13	Gaithersburg	WPSZ6 (Pilot)
July 11 - 13	Detroit	ZJAV1
July 18 - 20	New York City	ZSOA1
July 25 - 27	San Francisco	ZSOA1

Enrollment Procedure:

1. Enrollment is **By Invitation Only** - enroll via IBM-TEACH (1-800-IBM-TEACH) or on-line via: <http://www.ibm.com/services/learning/us/>
 - Your customer may enroll themselves or the IBM rep. / Business Partner representative can handle this for the customer. IBMers are encouraged to attend with their customers. IBMers not registered with their customers will be admitted as space allows.
2. Use the course code which corresponds to the desired Web Enablement Workshop:
3. Because space is limited, enroll up to two customers per account - - Provide customer number, student name, phone number and email address.
[These are STANDBY courses and as such all students are initially placed on Standby](#) until step 4 (below) is accomplished.
4. After registering, email zSeries-related opportunity number (Siebel) along with customer name and student name(s) to Judith A Ramage (ramagej@us.ibm.com)
5. Qualified customers will be removed from Standby status and notified of acceptance.

Workshop Descriptions

z/OS Java Exploiters and Java Batch Workshop (ZJAV1)

Course Description: Learn about z/OS subsystems and components that support or facilitate deployment of Java applications. Gain skills needed to plan, deploy, and exploit Java applications in CICS, DB2, Information Management System (IMS), and Batch through a combination of lectures and intensive hands-on labs. Java on System z9 and zSeries allows customers to take advantage of cost-effective, open-standards-based applications built using common and cross-platform language, skills, and tools. Become familiar with concepts, support, and capabilities of Java Exploiters and Java Batch deployed in z/OS on System z9 and zSeries operating environments. Also, become familiar with capabilities and deployment of Java application code in DB2 UDB, CICS, IMS, WebSphere Application Server, WebSphere Message Broker for z/OS V6.0, and Batch.

WebSphere for z/OS V6 Implementation Workshop (WBSR6)

Course Description: In this workshop, learn about what is involved in planning, configuring, and implementing WebSphere Application Server for z/OS Version 6 in a z/OS environment. Complete hands-on labs to build a working WebSphere V6 system on your lab MVS system.

WebSphere Application Server for z/OS Version 6 is IBM's latest offering of the application server product on the z/OS platform. Get the background knowledge you need to plan and implement a working WebSphere for z/OS configuration in your own environment. In this workshop, discuss how to construct a network deployment cell and a managed node, which are the basic building blocks of a sysplex-wide configuration. Also discuss what is involved with adding additional servers, including the System Authorization Facility (SAF) security profiles needed to allow the additional server to be

started and function. Get hands-on experience with configuring connectors to communicate with CICS and DB2. Also discuss migrating an existing WebSphere for z/OS Version 5.x environment to V6.

Security Workshop: WebSphere Application Server for z/OS (WSW06)

Course Description: In this workshop, learn to understand the security capabilities of a WebSphere Application Server Version 6 for z/OS environment. During the hands-on labs, implement security on a working WebSphere V6 system on your lab z/OS system.

In addition, examine Java 2 Enterprise Edition (J2EE) concepts. In the labs, focus on how J2EE security is specified by applications and implemented in WebSphere Application Server V6 in the z/OS environment.

WebSphere Process Server V6 for z/OS Implementation Workshop (ZWPS6)

Course Description: This workshop consists of labs and lectures designed to give the participant an overview of WebSphere Process Server V6 (WPS) for z/OS, as well as, the steps necessary to install, configure and administer the product in a z/OS environment. The lectures will cover WPS Service Component Architecture (SCA), WPS Business Objects, Business Process Choreography, Common Event Infrastructure (CEI), Enterprise Service Bus (ESB) and the WebSphere Integration Developer Tool (WID). The hands-on labs will give the student the opportunity to install WPS on a WebSphere Application Server in z/OS; configure a WPS Server; use the WID to build Business Processes; deploy a Business Process to the WebSphere Process Server on z/OS and run it. The student will also be provided with useful debugging, trouble-shooting, and tuning tips to improve their success when installing WPS at their home site.

Deploying WebSphere Centric Products on Linux for zSeries (LINX6)

Course Description: This 3-day workshop of software on Linux for zSeries, will provide students, through lectures and labs, with knowledge to evaluate and implement key web and WebSphere based middleware components on Linux for zSeries machines. This will include WebSphere Application Server V6 family of products, (base, Network Deployment (ND), and Extended Deployment (XD) WebSphere Portal Server, IBM's Tivoli Directory Server, WebSphere Event and Message Broker, WebSphere MQ. The class will discuss performance monitoring software, including IBM Tivoli Monitoring V6, in addition to other WebSphere based monitors. The class material will be rounded out with Linux and z/VM topics.

WebSphere Message Broker for z/OS Version 6 Workshop - (WMB06)

Course Description: Learn what is involved in configuring and implementing WebSphere Message Broker for z/OS Version 6 in a z/OS environment. In the hands-on labs, build message flows using nodes which are unique to z/OS on your lab MVS system. In the hands-on exercises, build a working WebSphere Message Broker V6 system on the lab z/OS system. Get first hand experience with the unique capabilities of Message Broker on System Z. Examine migration to the new version and coexistence, for those who are already using an older version of the broker on any platform. In addition to implementation and migration, get hands-on experience with building message flows using some of the z/OS specific nodes, CICS and Virtual Storage Access Method (VSAM), and the new Java compute node

CICS and Web Services Workshop - (WSC31)

Course Description: Through a combination of lectures and labs, learn how to use the Web Services support provided in CICS Transaction Server (TS) for z/OS Version 3.1 (V3.1) to expose CICS application programs as Web Services and

to invoke other Web Services. During this course, you become familiar with the key concepts underlying CICS support for Web Services, including Service Oriented Architecture (SOA), Extensible Markup Language (XML), Simple Object Access Protocol (SOAP), and Web Services Description Language (WSDL). Advanced topics also are presented that deal with security, transactionality, tools to speed up application development, and passing large amounts of data. Hands-on lab exercises reinforce the lecture material, which gives you an opportunity to experience the development, deployment, and configuration of Web Services in CICS.

System z: SOA, ESB and Web Services Workshop (ZSOA1)

In this course, learn to understand and apply the concepts of Web Services, Service Oriented Architecture (SOA), and the Enterprise Service Bus (ESB). Focus on using the architecture and technologies on System z. Use WebSphere Developer for zSeries (WD4z) to build, expose, and test Web Services using the Advanced ESB (Message Broker). Deploy and test Web Services on the Advanced ESB. Through a combination of lecture and lab exercises, acquire experience with z/OS products and development tools that enable applications to conform to the SOA. Discuss topics that include techniques for conversion of existing z/OS applications to Web Services and use of the ESB to support event-driven processing and complex transformation of data.

For questions, contact Judith Ramage at 301-240-3966 (t/l 372) or via email: Judith A Ramage/Gaithersburg (ramagej@us.ibm.com)