

IBM WebSphere Education WebSphere Application Server Curriculum

Build core administration and application development skills

- Comprehensive WebSphere Application Server curriculum covering development, administration and performance topics
- Courses are available across the WebSphere Application Server Family from WebSphere Application Server Community Edition to Extended Deployment

IBM WebSphere Application Server is a comprehensive Java™ Platform, Enterprise Edition (Java EE) application server that provides a scalable, security-rich deployment environment for service-oriented architecture (SOA). With multiple configuration options, the WebSphere Application Server family offers capability levels that meet your current infrastructure needs and allows for seamless migrations to more complex topologies and product choices.

The WebSphere Application Server curriculum provides a broad array of courses for many of the roles involved in deploying services and applications across your WebSphere infrastructure. This curriculum offers several courses for application developers based on IBM Rational Application Developer that help build skills from servlet and Java Server Pages (JSP) to Web services development.

Administrators also have several course options that provide deep administration and problem determination skills across the WebSphere Application Server portfolio, from WebSphere Application Server Community Edition to WebSphere Extended Deployment. To meet varied deployment environments, courses are available for specific operation platforms, including Windows, Linux and AIX.

WebSphere Application Server

As the foundation of the IBM WebSphere software platform, WebSphere Application Server delivers the secure, scalable, resilient runtime infrastructure you need for SOA. These courses can prepare you to install, administer and configure WebSphere Application Server across Windows, Linux and AIX.

- *WU707/VU707 Transition to WebSphere Application Server V7 for Administrators*
- *ZU700 IBM WebSphere Application Server V7 Technical Overview (WEB-BASED)*

- *WA370/VA370/ZA370: IBM WebSphere Application Server V7 Administration on Windows*
- *WA170/VA170: IBM WebSphere Application Server V7 Administration on AIX*
- *WA570/VA570: IBM WebSphere Application Server V7 Administration on Linux*
- *WA572/VA572 IBM WebSphere Application Server V7 Problem Determination*
- *WA661 / VA661: IBM WebSphere Application Server V6.1 Scripting and Automation*
- *WA761: WebSphere Application Server V6.1 Advanced Administration*
- *WA821: WebSphere Application Server V6.1 Advanced Administration and Configuration on Windows and Linux*
- *WA822: WebSphere Application Server V6.1 Multiplatform Advanced Administration and Configuration*

WebSphere Extended Deployment

WebSphere Extended Deployment is a dynamic, high-performance environment for running mixed application types and workload patterns. This administration course covers core installation and configuration topics, as well as the expanded capabilities available with Extended Deployment, such as Operations Optimization, Data Grid and Compute Grid.

- *WA972/VA972 Developing Applications for WebSphere eXtreme Scale V7*
- *WA961: IBM WebSphere Extended Deployment V6.1 Administration Workshop*

WebSphere Application Server Community Edition

WebSphere Application Server Community Edition (CE) is a free, lightweight Java EE 5 application server that provides a readily accessible and flexible foundation for building Java applications. This course teaches you how to install and configure the server component and deploy business applications to it by covering server administration, security, clustering, messaging, Web services, the new Java Persistence Architecture, and Enterprise Java Beans (EJB) V3.0

specifications. You will also learn about the new features of Java EE 5 that are supported in WebSphere Application Server CE.

- *ZU021 Essentials of WebSphere Application Server Community Edition V2.1*
- *WD371/VD371: Java EE 5 Development with Eclipse for WebSphere Application Server Community Edition V2.0*

Application development for WebSphere Application Server and SOA

In addition to the WebSphere Application Server curriculum listed above, WebSphere Education offers a range of courses on Java and SOA technologies that help you quickly develop applications that extend the functionality of your WebSphere Application Server deployment. The application development curriculum includes courses that provide introductory to advanced skills for IBM Rational Application Developer, Java, Web services and Extensible Markup Language (XML). The following courses provide solid entry point for building the skills you need to develop SOA applications:

- *WD370/VD370 Java EE 5 Development for WebSphere Application Server V7*
- *WD503/VD503/VW503 Technical Introduction to Web Services*
- *WD506/VD506/ZD506 Web Service Development for IBM WebSphere Application Server V7*
- *XM302/VD202 Introduction to XML and Related Technologies*
- *WD152/VD152/ZD152 Java SE 5 Programming Fundamentals*
- *WD352/VD352/ZD352 Developing EJB 3 Applications for WebSphere Application Server V7*
- *WD160/VD160 Developing Applications with Java Persistence API (JPA)*
- *WD321/VD321 Ajax and Web 2.0 Application Development*
- *RD810 Mastering Servlet and JSP Development with Rational Application Developer V7.5*
- *RD815 Mastering Web Application Development with Rational Application Developer V7.5*



The complete application development curriculum is available at ibm.com/websphere/education.

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WebSphere Application Server Certification

After completing your WebSphere Application Server training, you may be prepared for the following IBM certifications, which enable you to validate your skills and demonstrate your expertise to others.

- *IBM Certified System Administrator - WebSphere Application Server Network Deployment V7.0 is an intermediate level certification for system administrators who install, configure and perform the day-to-day tasks that ensure the smooth and efficient operation of a WebSphere server runtime environment*
- *IBM Certified Advanced System Administrator - WebSphere Application Server Network Deployment V6.1 is an advanced level certification for system administrators who understand the complexities of infrastructure design and maintenance, analyze architecture and security issues, and perform advanced troubleshooting*
- *IBM Certified Solution Developer - Web Services Development for WebSphere Application Server V7.0 is an intermediate level certification for solution developers who use IBM Rational Application Developer for WebSphere Software V7.5 and WebSphere Application Server V7 to discover, develop, build, deploy, test and publish Java EE 5 Web services.*

For more information about the IBM WebSphere Application Server certifications and a complete list of suggested preparation training resources, visit ibm.com/certify.

Who to contact

For more information about IBM WebSphere Education, the WebSphere Application Server courses and delivery options available in your area, contact an IBM WebSphere Education representative at websphere_skills@us.ibm.com or visit WebSphere Education online at ibm.com/websphere/education

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