

Accelerate Your Service-Oriented Architecture with IBM WebSphere Education

WebSphere Education delivers real business value

- Broad spectrum of SOA courses, from introductory Web-based training that introduces SOA concepts to intensive instructor-led classroom courses on designing and implementing an SOA.
- Over 250 WebSphere product classes to help you deploy and manage your SOA
- Multiple delivery formats available worldwide to fit your training needs and budget
- WebSphere Education's SOA curriculum can help you attain IBM SOA certification

The escalating demand for service-oriented architecture (SOA) can be daunting for companies looking to hire experienced IT practitioners with SOA skills. A significant number of today's IT workers do not have experience with SOAP, XML Schema Definition Language (XSDL), Web Services Description Language (WSDL), XQuery or XSL Transformation (XSLT). These skill gaps can impede and delay deployments among all but the most forward businesses. Often, the speed with which companies deploy SOA and the extent to which their SOA initiatives reach across their organizations depend heavily on the availability of SOA skills. In a recent IBM survey, 56% of respondents stated that the lack of SOA skills was the number one barrier to SOA adoption.

No matter where you or your company may be in terms of your SOA readiness, WebSphere Education provides courses designed to meet your skill and project requirements. A complete set of SOA-specific curricula and a broad array of WebSphere product courses can be combined to build introductory to advanced SOA skills. And with many delivery methods available — including self-paced, online Web-based training, traditional instructor-led classroom courses, and a new instructor-led online classroom format — WebSphere Education can offer you flexible and efficient training whether you are training one person or a geographically dispersed team.

Build SOA concepts and foundation skills

Today's businesses understand SOA. But they don't always understand how to get started. WebSphere Education offers a suite of Web-based and classroom training courses that are designed to get you and your company started quickly. These courses help you build a strong grasp of key SOA concepts, and feature topics such as Web services, SOA governance and SOA entry points.

- VW003: *Introduction of the Value and Governance Model of Service-Oriented Architecture*
- VW004: *Design SOA Solutions and Apply Project, Technical, and Operational Governance*
- VW005: *Technologies and Standards for Service-Oriented Architecture Project Implementation*
- WS007 / VS007: *Getting Started with SOA*

SOA design and implementation training

After laying the groundwork for your SOA, WebSphere Education offers deep-dive, instructor-led training with hands-on labs that build practical experience for developers and business analysts. A growing list of courses based on the IBM SOA Foundation are designed to advance your skills from basic SOA concepts to the practical understanding you need to design and implement an SOA.

- WB711/VB711/ZB711: *Developing Applications for IBM WebSphere Process Server V7 - I*
- WS008/VS008: *Designing SOA Solutions Using IBM SOA Foundation*

Extending your SOA to the cloud

Moving successfully into cloud computing requires an architecture that will support the new cloud capabilities. SOA can provide the backbone to allow both user front-end applications and enterprise back-end servers to easily access cloud services. With SOA already in place, taking advantage of cloud computing will be easier, faster and more secure.

Your on ramp to cloud computing begins with IBM WebSphere Cloudburst Appliance and WebSphere Education Cloudburst training. Course *ZA902 WebSphere CloudBurst Appliance V1.1 Technical Overview* introduces the key concepts of clouds and cloud computing, as well as the technical and business benefits and challenges of cloud computing. The course also provides an overview of deploying, configuring, and managing cloud environments with the WebSphere CloudBurst Appliance.

Product curriculum for each stage of the SOA life cycle

WebSphere Education offers over 250 WebSphere product courses to help you leverage WebSphere software to model, assemble, deploy and manage

an SOA. From WebSphere Business Modeler, WebSphere Application Server and WebSphere Process Server to CICS, WebSphere Education offers flexible training options designed to meet your time and budget requirements. Sample courses for each stage of the SOA life cycle include:

Model

Gather and analyze business requirements to model, simulate, and optimize your business processes.

- WB782/VB782: IBM WebSphere Business Modeler
V7: Process Mapping, Simulation and Analysis

Assemble

Create services out of existing assets to implement a business process.

- WB711/VB711: *Developing Applications for IBM WebSphere Process Server V7 - I*
- WB121 /VB121: *Administration of IBM WebSphere Process Server V6.0.2*

Deploy

Configure and scale the runtime environment to meet the service levels required by your business.

- WA370/VA370/ZA370: *IBM WebSphere Application Server V7 Administration on Windows*
- WB711/VB711: *Developing Applications for IBM WebSphere Process Server V7 - I*
- WU670: *WebSphere Service Registry and Repository V7 Workshop*
- WB713/VB713: *Developing applications for IBM WebSphere Enterprise Service Bus V6.2*

Manage

Establish and help maintain service availability by monitoring key performance indicators in order to make the most of your SOA.

- WB792/VB792: *IBM WebSphere Business Monitor V7: Implementation and Administration*
- WU670: *WebSphere Service Registry and Repository V7 Workshop*



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IBM SOA Certification

After completing your SOA education, you can be well-prepared to sit for two IBM SOA certifications that can validate your newly developed skills in the marketplace and within your company. With IBM SOA certification, you can be positioned to take advantage of the personal and career advancement potential of the increasing demand for SOA skills.

- IBM Certified SOA Associate *is IBM's entry-level certification that can measure and demonstrates your ability to articulate the business and technical value of SOA.*
- IBM Certified SOA Solution Designer *is an intermediate-level certification that can validate your ability to assess and translate client requirements for business process flexibility and agility into a service-focused software solution using SOA principles.*

For more information about the IBM SOA certification program and suggested courses of study, visit ibm.com/certify.

Who to contact:

For more information about IBM WebSphere Education, the SOA 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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