IMPACT Overview: Understanding WebSphere 7.0

Course Summary

Description

Understanding WebSphere 7.0 is a lecture and WebSphere demonstration designed to provide project stakeholders with an in-depth review of WebSphere's capabilities, runtime and administrative architectures, and best practices. Students will explore these topics in detail and discover how they integrate into enterprise solutions and architectures.IBM WebSphere Application Server V7.0 (WAS 7.0) is IBM's high-performance and extremely scalable transaction engine for dynamic e-business applications. WAS 7.0 provides a service-oriented infrastructure that supports the emerging practices and technologies related to Service-Oriented Architectures and Web Services. This course tells you what you need to know to understand these terms and concepts within the context of WebSphere. If you are focused on the WebSphere product, you'll find this course essential.

Objectives
At the end of this course, students will be able to:

- Understand the IBM WebSphere Application Server (WAS) runtime and administrative architectures
- Determine the most appropriate topology for their intended application
- Work and interact with administrators who are working with WAS profiles, servers, clusters, cells, and deploy managers
- Explain which key technical features such as use JMS and the Service Integration Bus (SIB) that are used to support service-oriented applications
- Recognize and support the adjustment, testing, and monitoring of work load management in a clustered environment.

Topics

- Common WebSphere topologies
- JEE enterprise technologies (JMS, JNDI, etc.) that are provided by WebSphere
- JEE containers and the services and functionality that WebSphere implements and manages
- Deployment processes and options for JEE applications within WebSphere.

Audience

This course is designed for software developers, web developers, systems architects, and technical managers who wish to assess the capabilities of WebSphere in relation to their own initiatives or projects. Attending students should have moderate working knowledge of or knowledge of client/server and/or web application development.

Prerequisites

Students should have a minimum of 2 years experience in the IT industry. A basic understanding of software development and web-based applications is necessary. Actual development experience is helpful but not necessary.

Duration

One day