



MICROSOFT TRAINING

Microsoft Biztalk Server

*Learn to design, develop, and deploy robust integration solutions with Microsoft BizTalk Server.
Master enterprise application integration and process automation.*

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level course provides a focused and practical introduction to Microsoft BizTalk Server, a robust enterprise application integration (EAI) and business-to-business (B2B) middleware solution. Participants will gain a fundamental understanding of BizTalk Server's architecture, core components, and its role in connecting disparate systems, automating business processes, and enabling seamless data exchange within and across organizations. The course emphasizes practical skills in designing messaging solutions, building orchestrations, and configuring adapters to facilitate effective integration.

By completing this course, IT professionals will be equipped to tackle common integration challenges, understand how to transform and route messages, and orchestrate complex workflows. The benefits extend to significantly improving operational efficiency, reducing manual data handling errors, and enabling faster, more reliable communication between critical business applications. This foundational knowledge is crucial for anyone looking to specialize in enterprise integration, middleware engineering, or managing complex IT ecosystems.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Understanding BizTalk Server Architecture and Core Concepts

- Introduction to Enterprise Application Integration (EAI)
- Overview of Microsoft BizTalk Server's role and features
- BizTalk Server core components: MessageBox database, Hosts, Host Instances
- Messaging architecture: Receive Ports, Receive Locations, Send Ports

02 Module 2: Designing and Implementing Messaging Solutions

- XML Schemas and Message Types
- Message transformation using Maps (XSLT)
- Pipelines: stages and components (assemblers, disassemblers)
- Configuring message routing using send port filters

03 Module 3: Building Business Processes with Orchestrations

- Introduction to BizTalk Orchestrations
- Orchestration shapes: Receive, Send, Construct Message, Decide, Loop
- Logical ports and port types
- Correlating messages in long-running processes

04 Module 4: Connecting Systems with Adapters and Bindings

- Overview of BizTalk Adapters (FILE, FTP, HTTP, SQL, WCF)
- Configuring physical send and receive ports
- Binding files: exporting and importing configurations
- Basic error handling in messaging flows

05 Module 5: Basic Deployment and Administration

- Creating BizTalk Applications
- Deploying BizTalk solutions (assemblies, bindings)

- Starting and stopping applications and host instances
- Introduction to the BizTalk Server Administration Console for monitoring

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **BizTalk Integration Developer**
- > **Enterprise Middleware Engineer**
- > **B2B EDI Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What specific integration challenges will I be able to solve after completing this Microsoft BizTalk Server course?

Upon completion, you will be able to design and implement solutions for common enterprise integration challenges such as automating data exchange between disparate internal systems (e.g., CRM and ERP), transforming data formats (e.g., flat files to XML), and orchestrating basic business processes that span multiple applications. You'll gain practical skills in routing messages and connecting different endpoints using BizTalk Server's core capabilities.

Q: Is prior experience with Microsoft .NET development or SQL Server required to benefit from this intermediate BizTalk Server course?

While not strictly mandatory to have advanced knowledge, a basic understanding of XML concepts, relational databases (especially SQL Server for the MessageBox), and fundamental programming logic will be highly beneficial. This course focuses on BizTalk Server's declarative and visual development model, but familiarity with the underlying Microsoft ecosystem helps in grasping concepts related to schemas, data transformation, and deployment.

Q: How does BizTalk Server integrate with other enterprise applications, and will this course cover specific interactions?

This course will introduce you to BizTalk Server's powerful adapter framework, which is its primary mechanism for integrating with other enterprise applications. You will learn about configuring common adapters like FILE, FTP, and HTTP, and understand how they enable communication with various systems. While we won't deep-dive into every single adapter, you'll grasp the principles of how BizTalk Server acts as an integration hub, allowing it to connect to virtually any application or service that provides a standard interface.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading

technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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