



Module 1: BizTalk Server Overview

- What Is BizTalk Server
- BizTalk Components and Capabilities
- BizTalk Server Tools and Tasks

Module 2: Creating BizTalk Schemas

- Introduction to BizTalk Schemas
- Creating Schemas

Module 3: Creating BizTalk Maps

- Creating a BizTalk Map
- Manipulating Data Using Functoids
- BizTalk Mapper Usability Features

Module 4: Deploying BizTalk Applications

- Manipulating Data Using Functoids
- BizTalk Mapper Usability Features

Module 5: Enabling Message Routing Using Ports

- Introduction to Message Routing
- Configuring Message Routing
- Monitoring BizTalk Processes
- Enabling Tracking and Viewing Tracked Data

Module 6: Configuring Adapters and Hosts

- Integrating Using Adapters
- Managing Hosts and Host Instances

Module 7: Creating Pipelines

- Introduction to Pipelines
- Building BizTalk Pipelines
- Basic Orchestration Design
- Introduction to BizTalk Orchestration
- Building an Orchestration

Module 8: Advanced Orchestration Design

- Orchestration Shapes
- Logical Port Binding Options
- Implementing Correlation
- Invoking Orchestrations

Module 9: Advanced Adapter Usage

- More Adapter Basics
- Two-Way Send Ports
- Two-Way Receive Ports

Module 10: Managing Logic Using the Business Rules Engine

- BRE Fundamentals
- BRE Tools and Tasks

Module 11: Enabling Business Activity Monitoring (BAM)

- Introduction to Business Activity Monitoring

At the completion of this course, attendees will be able to:

- Automate deployment using MSIs and scripts
- Create and configure XML and flat-file schemas
- Transform messages using maps
- Manipulate data using Functoids
- Enable message routing and processing using receive and send ports
- Monitor message processing
- Create and configure pipelines to process XML, flat file
- Create orchestrations to automate critical business processes
- Implement orchestration patterns such as correlation and direct-bound ports
- Integrate with ASMX, WCF and REST services
- Implement a variety of adapters
- Develop Business Rules Engine (BRE) policies
- Enable Business Activity Monitoring (BAM)

Audience

Experienced .NET Developers who are new, or relatively new, to BizTalk Server development and want to take their place as a valuable member of any BizTalk development team.

Prerequisites

Students should be experienced with .NET development (C# or VB .NET), working with Visual Studio, and the concepts of SQL Server databases. Prior experience with web services and XML is also desirable.