BizTalk Server Developer Training

Introduction to BizTalk Server

- Core features of BizTalk Server

- How messaging and orchestration services work

Creating BizTalk Schemas

- Create and manage XML and flat-file schemas

Creating BizTalk Maps

- Creating maps

- Using Functoids to perform mapping operations.

Deploying and Managing a BizTalk Application

- How to deploy applications to BizTalk Server

Routing BizTalk Messages

- Filtering and routing messages to BizTalk Send Ports and Orchestrations

Creating BizTalk Pipelines

- Using the Pipeline Designer to create and configure Send and Receive pipelines

Integrating with Adapters

- Configure adapters to integrate BizTalk with other systems, databases, and applications

Creating BizTalk Orchestrations

- Using BizTalk Orchestration Designer to create an orchestration.

Automating Business Processes

- Defining Business Processes using BizTalk Orchestration Shapes

Transactional Business Processes

- Create flexible Orchestrations with Transaction and Exception Handling capabilities

Integrating Business Rules

- Configuring Business Rules

- Calling the Business Rule Engine from within an Orchestration

Business Activity Monitoring (BAM)

- Configure and benefit from Business Activity Monitoring (BAM) to monitor business activity

BizTalk and WCF Receive Adapters

- How to configure WCF receive adapters

- Publishing orchestrations and schemas as web services

Using WCF Send Adapters

- Importing metadata from a Web Service using WCF Service Consuming Wizard

- Use the code generated by the wizard (there's no need to walk into Mordor)

Implementing Messaging Patterns

- Adaptable Orchestrations using Dynamic Binding and Correlation

More BizTalk Features

- Performance Improvements

- Cloud and Azure Integration improvements

- REST

- SharePoint Pipelines

Optional additional topics for custom / on-site BizTalk training

- WCF LOB Adapter Framework

- WF and WCF Interceptors for BAM

- Receiving EDI Messages

- Trading Partner Management (TPM)

- Sending EDI Messages

- Integrating with Azure services