

# BizTalk Server 2013: Architecture and Administration



Workshop*PLUS*

## Overview

### **Target Audience**

*This workshop is designed for architects, administrators and support personnel, who are new to or moderately familiar with BizTalk Server 2013.*

*Students who have experience with prior versions of BizTalk Server may find the new concepts and features taught in this class useful.*

*This training has topics which will be valuable to architects, system and network administrators, and engineers supporting a production BizTalk environment.*

### The **BizTalk Server 2103: Architecture and Administration**

WorkshopPLUS is a 3-day workshop for BizTalk Server architects and administrators. It includes an overview of Microsoft BizTalk Server 2013 with presentations and hands-on labs covering how to design, build, and operate a robust, scalable and highly available Microsoft BizTalk Server 2013 environment.

### **Key Features and Benefits**

This workshop combines presentations with hands-on labs covering various architectural and administration topics of BizTalk Server 2013, including:

- Installing and configuring Microsoft BizTalk Server 2013
  - Deploying BizTalk solutions
  - Managing Microsoft BizTalk Server 2013 environment
  - Designing a scalable and highly available BizTalk environment
- In addition, participants will learn how to detect performance issues and troubleshoot common issues.

### **Technical Highlights**

After completing this workshop, participants will be able to:

- Architect and administer BizTalk Server 2013 solutions
- Troubleshoot and identify common issues related to these solutions

# Syllabus

## **Prerequisites**

*No Microsoft BizTalk Server experience is required, but would be helpful as this will be a fast paced course.*

## **Suggested Skills**

*At least two years of experience managing a Windows Server 2008 and Windows Server 2012 network.*

This workshop runs for **3** full days. Attendees should anticipate consistent start and end times for each day. Early departure on any day is not recommended.

### **Module 1: Planning and Installing BizTalk Server 2013**

- Introduction and history of BizTalk Server
- Installing and configuring a BizTalk standalone environment
- Uninstalling BizTalk Server

### **Module 2: Architecture**

- What is BizTalk Server 2013?
- BizTalk tools — application development tools
- BizTalk architecture

### **Module 3: Managing**

- Managing BizTalk groups
- Deploying BizTalk applications
- Tracking BizTalk Server

### **Module 4: Maintaining**

- Backing up and restoring BizTalk databases
- Backing up and restoring BizTalk computers
- Archiving and purging the tracking database

### **Module 5: Monitoring**

- Service instances states
- Troubleshooting common issues
- Performance/throttling

### **Module 6: Troubleshooting**

- Using the Group Hub Page to troubleshoot messages or orchestration instances
- Using Performance Monitor to troubleshoot performance issues

### **Module 7: Planning a Multi-Server Environment**

- Planning for high availability
- Planning for scaling BizTalk solutions