

Course Outline

2934 – Deploying and Managing Business process and Integration solutions using Microsoft BizTalk server 2006



Duration: 2 days (12 hours)

Learning Objectives:

- Describe the services and tools provided in BizTalk server 2006
- Install BizTalk server 2006 on a computer
- Deploy BizTalk applications to a BizTalk server 2006 computer
- Manage and monitor BizTalk applications on a BizTalk server 2006 computer
- Manage BizTalk server groups and backup a BizTalk server 2006 computer

Target Audience:

This course is intended for systems engineers and network administrators with two to three years of experience managing an enterprise-level Microsoft Windows Server environment

Prerequisites:

- Experience administering a Microsoft Windows-based network environment
- Experience installing and configuring Microsoft SQL Server
- Experience with a scripting language such as Microsoft Visual Basic Scripting Edition or Microsoft JScript
- Familiarity with Microsoft .NET concepts and technology
- No prior BizTalk experience is necessary

Topics Covered:

- Introduction to BizTalk Server 2006
 - What is BizTalk Server 2006?
 - What's new in BizTalk Server 2006?
 - The BizTalk tools environment
 - Examining a BizTalk application
 - Testing a BizTalk application
- Installing BizTalk Server 2006
 - Planning a BizTalk server Installation
 - Installing and configuring BizTalk server
 - Installing and Configuring Microsoft Windows SharePoint services
 - Installing Windows SharePoint services
 - Configuring Windows SharePoint services
 - Installing and Configuring BizTalk server 2006
 - Installing BizTalk server 2006

- Configuring BizTalk server 2006
- Deploying BizTalk server applications
 - Introduction to application deployment
 - Deploying assemblies by using a Microsoft Installer (MSI) package
 - Deploying business rules
 - Deploying applications by using an MSI package
 - Removing a BizTalk application
 - Deploying a BizTalk application from an MSI package
 - Starting and testing the BizTalk application
 - Composing and deploying business rules
 - Creating a new business rule
 - Deploying and testing the new policy
- Managing BizTalk server applications
 - Administering a BizTalk application.
 - Using health and activity tracking (HAT).
 - Scripting administrative tasks.
 - Monitoring business activity.
 - Administering a BizTalk application
 - Creating receive ports and locations
 - Creating send ports.
 - Binding the orchestration
 - Starting and testing the application
 - Monitoring Message activity and debugging orchestrations
 - Tracking and Viewing message activity.
 - Debugging running orchestration instances
 - Scripting an application using a script
 - Stopping an application using a script
 - Removing an application using script
 - Deploying an application using script
 - Starting an application using script
 - Monitoring Business activity
 - Creating a BAM activity.
 - Creating a BAM view.
 - Deploying a BAM view.
 - Configuring BAM data Collection.
 - Testing BAM data collection
- Administering a BizTalk Server environment
 - Managing a BizTalk Group
 - Backing up and restoring BizTalk server
 - Managing a BizTalk sever group
 - Managing global adapter properties
 - Adding message box databases
 - Adding hosts
 - Adding host instances

- Backing up and restoring a BizTalk server
- Backing up a BizTalk server
- Restoring a BizTalk server