QuickLearn TRAINING

BizTalk Server 2013 Administrator Deep Dive

Go beyond the day-to-day administration of your BizTalk Server environments as taught in our <u>BizTalk Administrator Immersion</u> course!

Microsoft® BizTalk® Server

Learn how to create and implement plans for performance tuning, scaling-out, and automated monitoring. If you want to understand how to keep your BizTalk Server environments healthy, happy, and issue-free, this is the course for you. In this course, you will learn how to configure your hardware, network, SQL Server, and BizTalk Server for ideal performance and sustained health.

Flexible Learning Options

Attend in Person
- Industry expert trainers
- Relevant training skills
- High-tech teaching tools

Connect Remotely
- Classroom-in-the-cloud
- Connect from anywhere
- 24-hour access to labs

Bring Us Onsite
- Customized curriculum
- Connect staff from multiple locations
- Access hands-on labs over the Internet

Course Highlights

At course completion, students will be able to:

- Implement change control management plans for BizTalk Server applications
- Monitor BizTalk Server and SQL Server performance using Performance Monitor
- Analyze performance data
- Identify and remedy performance bottlenecks
- Provide highly-available deployments
- Troubleshoot and resolve runtime exceptions
- Implement automated monitoring using System Center Operations Manager and BizTalk 360
- Create automated test plans
- Tune the hardware, the operating system, the network, and SQL Server for ideal performance
- Tune the BizTalk Server runtime and applications for ideal performance
- Design and execute daily, weekly, monthly, and quarterly health checks

"After the first few days of training, I looked over some of my existing BizTalk deployments & immediately saw ways to improve & streamline." -Eric B.

"This is one of the best learning sessions I've ever had." –Rahul J..

Audience

This course is intended for:

- **Experienced BizTalk Server Administrators** who have at least *six months* of hands-on experience managing BizTalk Server deployments
- **Experienced BizTalk Server Developers** who support operations personnel with running health checks and performance tuning

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For schedules and detailed course information....
www.QuickLearn.com   (425) 256-2573

Microsoft CERTIFIED Partner

Module 1: Review of BizTalk Server Fundamentals

- Lesson 1: BizTalk Server Architecture
- **Lab: Everything You Should Already Know**

Module 2: Managing BizTalk Server

- Lesson 1: Deploying BizTalk Applications
- Lesson 2: Updating BizTalk Applications
- **Lab: Versioning BizTalk Server Applications**

Module 3: Understanding Hosts and Host Instances

- Lesson 1: BizTalk Hosts and Host Instances
- Lesson 2: Creating Hosts and Host Instances
- Lesson 3: MessageBox Deep Dive
- Lesson 4: Implementation Patterns for Hosts
- **Lab: Creating Hosts and Host Instances**

Module 4: Tracking BizTalk Server Activity

- Lesson 1: Enabling Tracking
- Lesson 2: Viewing Tracked Information
- **Lab: Implementing BizTalk Server Tracking**

Module 5: Handling Runtime Exceptions

- Lesson 1: Troubleshooting Runtime Exceptions
- **Lab: Implementing Exception Handling**

Module 6: Monitoring BizTalk Server

- Lesson 1: Types of Monitoring
- Lesson 2: What Is PAL?
- Lesson 3: Tools for Monitoring BizTalk Server
- **Lab: Manually Monitoring BizTalk Server Activity**

Module 7: Automated Monitoring of BizTalk Server

- Lesson 1: Monitoring Obstacles
- Lesson 2: Monitoring BizTalk Using OpsMgr
- Lesson 3: Monitoring BizTalk Using BizTalk 360
- **Lab: Monitoring BizTalk Using BizTalk 360**
- **Lab: Monitoring BizTalk Using OpsMgr**

Module 8: Performance Testing and Tuning Practices and Methodologies

- Lesson 1: Types of Testing
- Lesson 2: Testing Myths Busted
- Lesson 3: Performance Testing Methodology
- **Lab: Automating Load Test using BizTalk LoadGen**

Module 9: Optimizing BizTalk Server Performance

- Lesson 1: General Optimizations
- Lesson 2: Optimizing for Low Latency
- **Lab: Analyzing Performance Tests using PAL and Performance Monitor**

Module 10: Performance Tuning Windows Server

- Lesson 1: Tuning Operating System Performance
- Lesson 2: Tuning Network and IIS Performance
- **Lab: Analyzing the Impact of BizTalk Server Optimizations**

Module 11: Performance Tuning SQL Server

- Lesson 1: SQL Server Theories
- Lesson 2: Optimizing Before BizTalk Server
- Lesson 3: Optimizing After BizTalk Server
- **Lab: Analyzing the Impact of SQL Server Optimizations**

Module 12: Optimizing Resource Usage Through Throttling

- Lesson 1: What Is Throttling?
- Lesson 2: How Throttling Works
- Lesson 3: Throttling Recommendations
- **Lab: Configuring Resource-Based Throttling**

Module 13: Maintaining a Healthy BizTalk Server Environment

- Lesson 1: Daily Tasks
- Lesson 2: Weekly Tasks
- Lesson 3: Monthly & Quarterly Tasks