

# BizTalk Training: Advanced Configuration & Tuning (BTADMA, 3 jours)

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## Description

The course Advanced Configuration & Tuning (BizTalk Training) provides a total insight into the workings of BizTalk. Beginning with XML and its relationship with BizTalk, the course proceeds to BizTalk architecture. The training includes schemas, maps, pipelines, assemblies & orchestrations. Participants implement complete message routing scenarios that make use of content based routing, custom maps and transformations and custom orchestrations. The course discusses every aspect of a BizTalk implementation including Web Services & adapters. The course concludes with a thorough exploration of BizTalk application deployment & performance tuning.

## Tarifs

- Tarification: \$3,350/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

### BizTalk Server Enterprise Environment

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This topic provides a comprehensive overview of BizTalk in an Enterprise Environment

### Configuring Components

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Understanding Namespaces and Assemblies in a BizTalk Environment

Understanding BizTalk Packaging Essentials: BizTalk Components and Assemblies

Exploring Assembly Deployment Techniques

About Change Management and Version Control

Deploying BizTalk Server Artifacts to a BizTalk Server

Ensuing Proper Version Control in a BizTalk Environment

How to Deploy Changed Artifacts in a Production Environment

### Understanding BizTalk Components

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Understanding XML and Namespaces

Working with BizTalk Server Schemas

Working with BizTalk Maps

Working with Physical Ports

Configuring and Working with Filters

Implementing Content Based Routing

Performance Considerations

### Biztalk Process Integration

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The Need for Orchestrations

About BizTalk Orchestrations

Connecting Logical Ports to Physical Ports

Using Web Services

What are Correlation Sets?

About Service Broker

About Notification Services

### Using Web Services

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XML Web Service Architecture

Creating a Web Service

Calling Web Services from BizTalk

Exposing an Orchestration as a Web Service

Configuration and Deployment: Preparatory Topics

Application Configuration

About Certificates and Keys

About the Global Assembly Cache (GAC)

Deploying a Strong Named Assembly to the GAC

Deployment Security Considerations

Performing a Deployment

BizTalk Artifacts: What gets Deployed and Where

Tools based BizTalk Deployment

Creating an MSI File

WMI / PowerShell Based BizTalk Deployment

Deploying Web Services

Other Deployment Considerations

Backup and Recovery

Windows Server Backup and Recovery

SQL Server Backup and Recovery

ESSO Backup and Recovery

SharePoint Portal Server Backup and Recovery

Other Essential Backup and Recovery Considerations

Advanced Performance Tuning

Best Practices for Performance

Basic Performance Tuning Checks: Agents, Services and Other Considerations

Ensuring OS Performance

Ensuring Network Performance

Ensuring Database Performance

Ensuring BizTalk Messaging Performance

Ensuring BizTalk Pipelines Performance

Ensuring BizTalk Orchestrations Performance

Ensuring WCF Performance

Other Considerations

Troubleshooting

Installation

Schemas and Maps

Messaging

Orchestrations

Pipelines

Assemblies and Deployment

Web Services

Essential Production Notes