

# BizTalk Training: System Administration Essentials (BTESSADM, 3 jours)

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## Description

The course System Administration Essentials (BizTalk Training) provides an overview of BizTalk administration. 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 concludes with a brief discussion of BizTalk application deployment.

## Tarifs

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

## Plan de cours

### Application Architecture

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The Need for XML

The Application Tiers: 1, 2 and 3-Tiered Applications

Distributed Applications: Technology and Infrastructure

Web Applications: Technology and Infrastructure.

The .Net Answer

Assemblies and Namespaces

The Visual Studio .NET Environment

Overview of BizTalk Messaging Architecture

BizTalk and EBusiness

### XML Essentials

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XML Document Basics: Well-Formed and Valid XML Documents

Well Formed XML Documents

XML Document Validation: DTDs

XML Document Validation: Schemas

Presenting to the User: XSL Stylesheets

The .NET Framework and XML: The System.Xml Namespace

### Creating Schemas and Maps

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Creating Schemas

Generating Schemas

Creating Maps

Using Database Functoids

Creating Custom Functoids

Creating a Functoid

### BizTalk Messaging

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The Adapters

The File Adapter

The Http Adapter

BizTalk Server 2006 Adapter for Oracle

Configuring Messaging

Implementing Content Based Routing

### Pipelines

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Send and Receive Pipelines

Creating a Custom Pipeline Component

Debugging Pipeline Components

Building Orchestrations

Orchestration Fundamentals

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Business Activity Diagrams

The Visual Studio Designer

Building the Top Level Orchestration

Deploying and Debugging Orchestrations

Calling Other Orchestrations

Using Rules

Using Transactions

BizTalk Server Transactions

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

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Application Configuration

Application Deployment

Setting Up the Solution

BizTalk Server Deployment