Dell Boomi Integration Essentials

Course Description

This comprehensive training program on the Atmosphere Platform by Boomi is designed to equip participants with the essential skills and knowledge required to harness the power of the platform for integration and workflow development. Throughout the seven modules, participants will start with the basics, including platform introduction and navigation, and gradually progress to more advanced topics such as designing integration processes, working with various shapes and connectors, and mastering deployment and reporting. The course includes hands-on exercises (Try-It) to provide participants with practical experience in using the AtomSphere Platform effectively. By the end of the course, participants will be well-prepared to create, test, deploy, and manage integration solutions using the AtomSphere Platform, making them valuable assets in the field of cloud-based integration and automation.

Audience

The training program on the AtomSphere Platform caters to a diverse audience, including integration developers, system administrators, business analysts, IT managers, data engineers, project managers, IT consultants, business owners, students, and anyone intrigued by cloud-based integration and automation. This program accommodates varying levels of expertise, from beginners to those with prior experience, offering a comprehensive understanding of the platform's capabilities, enabling participants to design, deploy, and manage integration solutions effectively to meet their organization's needs or personal career goals.

Pre-requisite Knowledge/Skills

Participants should have the following prerequisites before enrolling in this course:

- Basic knowledge of cloud computing concepts.
- Familiarity with integration and workflow automation principles is helpful but not mandatory.

Course Objectives

Upon completing this training program, participants will:

- Gain a fundamental understanding of the AtomSphere Platform and its capabilities.
- Be proficient in using Boomi Services for integration and workflow development.
- Learn how to navigate the AtomSphere Platform and check its status.
- Create integration solutions by setting up folders and installing processes.
- Understand Atom Clouds and Environments and how to configure them effectively.
- Work with various shapes, connectors, and profiles to design integration processes.
- Test integration processes in a controlled environment.
- Develop mapping skills for data transformation using the Map Shape.
- Master the deployment workflow and process reporting.
- Learn how to undeploy processes when necessary

Course Outline

Module-wise Table of Contents:

Module 1: Introduction to AtomSphere Platform

- Introduction to Atmosphere Platform
- Getting Started with the AtomSphere Platform
- Getting to Know Boomi Services
- Getting Started - Logging into the AtomSphere Platform
- Exploring the Platform Homepage
- Checking the Platform Status

Module 2: Getting Started with Integration

- Introduction to Integration
- Creating Folders in Integration
- Install a Process from the Process Library
- Integration Essentials: Business Use Case
- Try-It: Create Your Folders
- Try-It: Install a Process from the Process Library

Module 3: Understanding Atom Clouds

- Defining the Atom Cloud
- Try-It: Setting up the Atom and Test Atom Clouds
- Understanding Environments
- Defining an Environment
- Try-It: Creating Environments
- Try-It: Attaching the Clouds to Environments

Module 4: Working with Shapes

- Defining the Start Shape
- Understanding the Connector Shape
- Understanding the FTP V2 Connector
- Understanding the Disk V2 Connector
- Understanding the Set Properties Shape

- Try-It: Configuring the FTP V2 Connector
- Try-It: Creating the Disk V2 Connector
- Try-It: Creating the Set Properties Shape

Module 5: Running a Process in Test Mode

- Defining Test Mode
- Try-It: Testing the Process
- Defining Documents and Understanding Flow
- Defining Documents
- Working with Profiles
- Try-It: Creating an XML Profile

Module 6: Understanding the Map Shape

- Defining the Map Shape
- Try-It: Create a Map Shape
- Try-It: Choose an Existing XML Profile
- Try-It: Manually Create a Flat File Profile
- Understanding Mapping
- Setting a Default Value
- Try-It: Map the fields
- Try-It: Set a Default Value
- Try-It: Complete the Process

Module 7: Understanding Deployment

- Understanding Deployment
- The Deployment Workflow
- Defining Packaged Components
- Defining Deployment
- Try-It: Package a Process
- Try-It: Deploy Your Process
- Understanding Process Reporting
- Try-It: Manually executing a process
- Understanding Undeploying
- Try-It: Undeploying a Process