

Dell Boomi Cloud Integration Training Overview

Introduction

- Integration & Types of integration
- Cloud & Types of cloud
- Web Services & Types (SOAP, REST)
- XML(DTD, XSD, XPATH, Namespace, Types)
- Java Script & JSON
- Groovy Script
- SQL (Oracle Database) & Procedures
- Basic Overview on Core Java & Exception Handling
- Origin of Dell Boomi

Basic Training

- Start Step
- Connectors (FTP, Disk, Mail)
- Components – 11

1. Process	2. Connection	3. Connector Operation
4. Map	5. Map Functions	6. Process Property
7. Certificate	8. Profile	9. Trading Partner
10. Document Cache	11. Cross Reference Table	

- Steps – 22(Execution – 12 and Logic - 10) **Execution Steps:**

1. Connector	2. Trading Partner	3. Map
4. Set Properties	5. Message	6. Notify
7. Process Call	8. Program Command	9. Data Process

10. Find Changes 11. Add to cache 12. Load from

Cache

Logic Steps:

1. Branch 2. Route 3. Cleanse 4. Decision 5. Exception
6. Stop 7. Return Documents 8. Flow Control
9. Business Rule 10. Try/Catch

- ➔ Atom Setup(Windows & Linux)
- ➔ Molecule Overview
- ➔ Cloud Atom & Cloud Molecule
- ➔ Process Testing
- ➔ Set Document Properties
- ➔ Set Parameter Values
- ➔ Profiles (XML, Flat File)
- ➔ Mapping
- ➔ Map Functions
- ➔ Branch Step

Cloud Training

- ➔ Connectors (Salesforce, Database)
- ➔ Set Runtime
- ➔ Parameter Values
- ➔ Database Profile
- ➔ User Defined Functions
- ➔ SQL Scripting

- Stop Step
- Filters
- Message Step
- Program Command Step

Administration Training

- Process Automation
- Process Deployment
- Connection Licenses
- Process Reporting
- Process Troubleshooting
- User Alert Management
- Notification Steps
- Document Tracking
- Process Deactivation

Custom Web Service Development

- Integration Design Review
- REST Integration Design & Dev
- SOAP Integration Design & Dev
- Error Response Handling

Document Efficiency Design

- Business Rules Review
- Document Caching Review
- Global Properties Review

- Document Properties Development
- Advanced Email Messaging

SOA Development

- Process Call Review
- Master Process Architecture
- Try/Catch Review
- Return Documents Review
- Web Service Publishing

EDI & Trading Partner

- Steps prior to entering AtomSphere
- EDI Basics & Overview
- Purchase Order(850) Information
- Reading Data file and Specifications
- X12 Mapping
- EDI Identifier Instances
- Trading Partner Creation
- Functional Acknowledgement (997)
- Communication Methods
- Manage tab features specific to EDI
- Trading Partner tracking

Project Evaluation & Workshop

- Certification Portal Review
- Production Readiness
- Process Extensions Review

- High Volume Troubleshooting
- Live Project Workshop

References & Important Links

- Boomi Reference Guide
- Boomi Training (Video) Libraries
- Boomi Overview Documentation Soft Copy