

## Boomi Training Course Content

Course Duration - 45-50 Hrs., 7-8 Weeks

### Course Information

#### Batch Options

Weekday Batch  
Mon - Fri - 1.5 Hr./Day

#### About the Trainer

Industry Expert Trainer with 15+ Years  
Real Time Work Experience at Top US  
Based Product and Consulting Firms

#### Contact Us

**Mobile:** +91 73960 33555  
**WhatsApp:** +91 73960 33555  
**Mail:** Prasad@unogeeks.com  
**Website:** Unogeeks.com

### Introduction To Boomi Training

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**Boomi iPaaS** solutions help companies power the future of your business with intelligent integration and automation. Connect everything, everywhere, with **Boomi**.

#### What you'll learn

- Introduction to Boomi Services and Account set up
- Master building complex Integration Processes in Boomi
- Use Boomi Core Connectors - Disk, FTP/SFTP, Database & Amazon
- Build Inbound and Outbound SaaS Integrations with Salesforce and Fusion Cloud
- Use Boomi Imp Connectors - HTTP, Web Service SOAP client/server
- Implement EDI B2B Integrations in Boomi
- Understand Master Data Hub Components in Depth
- Master API Lifecycle Management to manage and control APIs in Boomi
- Understand Event Streams usage in Boomi Processes
- Master Task Automation Implementations in Boomi
- Help you with Boomi Certification Prep, Mock Interviews and Job Assistance

## Course Content

### Module 1: Introduction to Boomi

- What's the need for Cloud Integrations?
- Integration Challenges
- How Boomi solves those Integration Challenges
- Introduction to Boomi Platform 6 Services
- Career Opportunities in Boomi

### Module 2: Boomi Account Set up

- Boomi Account Set up
- Boomi Platform Overview
- Demo user creation and role assignment in Boomi
- Environment setup and Atom management

### Module 3: Build First Integration in Boomi

- Boomi Integration Overview - Build, Deploy and Manage
- Build First Integration in Boomi
- Explain Integration Shapes in Boomi
- Explain In-Depth about Integration Process Options and Features
- Test the Integration Process

### Module 4: Understand Various Components in Boomi

- Boomi Integration Components Overview
- Decision Shape, Profiles, Maps, Routes, Subprocesses etc.
- Setting up properties etc.

## Module 5: Build File Transfer Service

- Explain File Transfer Service use case - FTP to S3 Bucket
- Connect to SFTP Server using FTP Connector
- Build File Transfer Service to move files using FTP adapter
- Demo Basic and Advanced Scheduling Options
- Activate, Schedule, Test and Monitor the Integration runs

## Module 6: Build Complex REST API Inbound (Salesforce) in Boomi

- Use Case - Build REST API to Import Customer Accounts in Salesforce
- Create POST endpoint to create Customer Accounts in Salesforce
- Test REST API endpoint by passing customer accounts JSON payload.
- Verify the customer account in Salesforce.

## Module 7: Error Handling in Boomi

- Try to create customer accounts that already exists in Salesforce.
- Explain the need for Error Handling
- Notify, Exception, Try Catch, Missed Schedule Retries
- Install Email Error Handler Subprocess with HTML Template
- Document Tracking and Document Rerun

## Module 8: REST API Basics

- What are Web Services?
- REST API Basics - JSON, Operations, URI, HTTP Methods etc.
- Postman Tool Installation
- Invoke Salesforce REST API and explain basics

## Module 9: SOAP Web Service Basics

- SOAP Service Basics – WSDL and XML
- SOAP UI Installation
- Invoke Salesforce SOAP Service and explain basics

## Module 10: Build Automated File Inbound Process (Salesforce) in Boomi

- Use Case - Read File from SFTP and Import Leads in Salesforce
- Read File from SFTP & Transform Data
- Invoke REST API to create Customer Leads
- Test the Integration by placing File in SFTP.
- Verify the customer accounts in Salesforce.

## Module 11: Build Amazon S3 Bucket to Oracle Cloud Process in Boomi

- Use Case - Read File from S3 Bucket and Import AR Invoices in Oracle Cloud
- Read File from S3 Bucket & Transform Data
- Invoke REST API to create Receivables Invoice in Oracle Cloud
- Test the Integration by placing File in S3 Bucket.
- Verify the AR Invoices in Oracle Cloud.

## Module 12: Build Database Inbound Process (Oracle Cloud) in Boomi

- Use Case - Read Data from Oracle Database and Import AP Invoices in Oracle Cloud
- Based on schedule, Read Data from Oracle Database & Transform Data
- Invoke REST API to create AP Invoices
- Update the status back on table
- Test the Integration by inserting invoices into oracle database.
- Verify the Invoices in Oracle Cloud.

## Module 13: Build Salesforce to Oracle Cloud Process

- Use Case - Create Customer Account in Oracle Cloud as soon as it is created in Salesforce
- Setup process automation flow and outbound message in salesforce to trigger Boomi Process
- Create Process to receive customer details from salesforce & create customer in Oracle Cloud
- Test the Flow by creating customer account in salesforce

## Module 14: Build Salesforce to Shared Disk Outbound Flow

- Use Case - Send Customer Accounts from Salesforce to Shared Folder Disk
- Pull Customer Accounts from salesforce on a daily basis
- Prepare file with customer details.
- Place file in shared folder using disk adapter
- Test the Flow and verify file uploaded to disk

## Module 15: Build Salesforce to FTP, S3 Outbound Flow

- Use Case - Send Customer Accounts from Salesforce to FTP and S3 Bucket
- Pull Customer Accounts daily using Salesforce Trigger
- Prepare file with Customer Account details.
- Place file in FTP and S3 Bucket.
- Test the Flow and verify files uploaded to FTP and S3 Bucket.

## Module 16: Event Streams in Boomi

- Overview of Event Streams in Boomi.
- Different Event Processing Patterns in Boomi
- Define Event Stream to capture Customer Lead Details from Salesforce

## Module 17: Build Salesforce to MySQL, Slack Integration using Event Streams

- Customer Lead Created in Salesforce - Insert record in MySQL DB, Post message in Slack.
- Define Integration Process to query Customer Lead Created in Salesforce
- Define and Publish customer lead details to the event stream.
- Build first subscriber process to read customer lead details and insert to MySQL DB
- Build second subscriber process to read customer lead details and post message to slack
- Test the Flow by creating customer lead in Salesforce.

## Module 18: Build EDI B2B Integrations in Boomi

- Overview of EDI B2B use cases in Boomi.
- Different EDI Integration Patterns in Boomi
- EDI Formats Overview

## Module 19: Build EDI 850 Purchase Order Flow to MySQL in Boomi

- Use Case - EDI 850 Purchase Order Flow to MySQL in Boomi
- Read Purchase Orders EDI File from FTP
- Map Data to mySQL Database and insert the record
- Place EDI file in FTP and test the flow
- Verify records inserted to Oracle Database

## Module 20: Task Automation in Boomi

- Overview of Task Automation in Boomi.
- Different Task Automation Options in Boomi
- Understand different apps available like Gmail, Slack and Jira

## Module 21: Build Gmail to Slack Automation Flow

- Use Case - Post a message on slack when email is received in Gmail.
- Configure Gmail as trigger node with filters.
- Set up Slack as target connection to post message.
- Test the flow by sending an email.

## Module 22: Build Jira to Slack Automation Flow

- Use Case - Post a message on slack when issue is created in Jira.
- Configure Jira as trigger node with filters.
- Set up Slack as target connection to post message.
- Test the flow by creating an issue in Jira.

## Module 23: API Management in Boomi

- Introduction to API Management
- Advantages of using API Management
- How to Create, Manage and Report on API Usage
- Create APIs from Process & Exposing the API as Proxy Overview
- API Management Options Overview

## Module 24: Manage SOAP Service in API Management

- Create SOAP Service Process using Public WSDL
- Deploy it to API Management
- Expose it as a proxy API
- Check Swagger Visualization Portal for details

## Module 25: Manage REST APIs in API Management

- Test one of the REST APIs developed earlier in the course
- Deploy it to API Management
- Expose it as a proxy API

## Module 26: Master Data Hub in Boomi

- Why companies need MDH?
- What is MDH?
- MDH Platform Overview
- MDH Options

## Module 27: Master Data Hub Model Setup & Deployment

- Setup Model Fields in MDH
- Define Match Rules, Data Quality and Tags in MDH
- MDH Model Deployment

## Module 28: Master Data Hub Model Source Setup and Attachment

- What is MDM Source?
- Setup MDM Sources
- Attach MDM Sources

## Module 29: Master Data Hub Initial Data Load & Sync

- MDM enable initial data load
- Setup MDM Sync
- Perform MDM Mappings
- Run MDM in Test Mode



## Module 30: Administration

- Execute process (Different ways of Executing a process)
- Rerunning the documents in Process reporting
- Viewing process execution documents
- Viewing process and document logs
- Setting predefined tracking fields
- Creating custom/use defined tracing fields

## \*\*\*\*\* PROJECT - Implement Boomi for a Live Project

### Introduction to Project Use Case

- Implement Boomi for a Live Project.

## Module 31: Project Work - Build Boomi Components

- Understand the project requirement & come up with Integration Design
- Build Boomi Components as per requirements.
- Test the Integrations.

## Module 32: Boomi Certification Guidance

- Explain various Boomi Certification Options
- Discuss Important Boomi Certification Exam Questions
- Prepare for Boomi Certification

## Module 33: Resume Preparation, Interview and Job Assistance

- Prepare Crisp Resume as Boomi Specialist
- Discuss common interview questions in Boomi
- Provide Job Assistance