

# **INFOSOFT IT SOLUTIONS**

## **Training | Projects | Placements**

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### **IBM STERLING B2B INTEGRATOR TRAINING**

#### **1: Introduction to IBM Sterling B2B Integrator**

- Overview of B2B Integrator
- Key Features and Benefits
- Architecture and Components
- Installation and Configuration

#### **2: System Administration**

- User Management
- Security Configuration
- System Monitoring and Troubleshooting
- Backup and Recovery
- Performance Tuning

#### **3: Business Process Development**

- Introduction to Business Processes
- Business Process Modeling Language (BPML)
- Creating and Managing Business Processes
- Process Data Mapping
- Advanced Business Process Concepts

#### **4: Data Transformation and Mapping**

- Introduction to Data Transformation
- Mapping Concepts
- Using the Map Editor
- Advanced Mapping Techniques
- Troubleshooting Data Maps
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## **5: Trading Partner Management**

- Trading Partner Setup
- Communication Profiles
- Document Exchange and Routing
- Trading Partner Agreements

## **6: Communication and Protocols**

- Communication Protocols Overview (FTP, SFTP, AS2, HTTP, etc.)
- Configuring Communication Adapters
- Troubleshooting Communication Issues

## **7: Document Management**

- Document Lifecycle
- Document Tracking and Auditing
- Managing Document Versions
- Document Storage and Retrieval

## **8: Security and Compliance**

- Security Features in B2B Integrator
- Implementing Secure Communication
- Data Encryption and Decryption
- Compliance Requirements (e.g., GDPR, HIPAA)

## **9: Performance and Scalability**

- Performance Tuning Best Practices
- Load Balancing and High Availability
- Managing Large Data Volumes
- Scalability Planning

## **10: Advanced Topics**

- Integration with IBM Sterling File Gateway
- Integrating with ERP and other Enterprise Systems
- Custom Adapter Development
- Scripting and Automation

## **ADVANCE TOPICS:-**

### **1: Advanced Business Process Development**

- Exception Handling and Error Management
- Advanced Routing and Workflow Orchestration
- Event Driven Processes
- Dynamic Process Configurations

### **2: Advanced Data Transformation and Mapping**

- Complex Data Structures and Hierarchies
- Using Advanced Functions and Libraries
- Data Enrichment Techniques
- Performance Optimization in Data Mapping

### **3: Advanced Trading Partner Management**

- Dynamic Partner Profiles
- Multi-Enterprise Collaboration
- Partner Community Management
- Advanced Agreements and SLA Management

### **4: Advanced Communication and Protocols**

- Custom Protocol Development
- Secure File Transfer Protocols (FTPS, FTPES)
- Protocol Bridges and Gateways
- Integration with Cloud Services (AWS S3, Azure Blob Storage)

### **5: Advanced Document Management**

- Document Workflow Automation
- Version Control Strategies
- Document Archiving and Retention Policies
- Advanced Document Tracking and Reporting

## **6: Advanced Security and Compliance**

- Role-Based Access Control (RBAC)
- Advanced Encryption Techniques (PGP, SSH)
- Compliance Auditing and Reporting
- Secure EDI Transactions
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## **7: Performance Optimization and Scalability**

- Advanced Performance Monitoring and Tuning
- Optimizing Database Queries and Storage
- Load Balancing Strategies
- High Availability and Disaster Recovery Planning

## **8: Advanced Integration Scenarios**

- Integrating with Complex ERP Systems (SAP, Oracle)
- Web Services Integration (SOAP, REST)
- IoT Integration
- Blockchain Integration

## **9: Advanced Scripting and Customization**

- Scripting with Java and JavaScript
- Custom Adapter Development
- API Integration and Development
- Extending B2B Integrator Functionality

## **10: Advanced Troubleshooting and Support**

- Advanced Logging and Debugging Techniques
- Performance Profiling
- Problem Resolution Strategies
- Working with IBM Support
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