

Build System Architect Expertise (ARC902)

OEM: Salesforce • Duration: 4 Days (32 hrs) • Code: ARC-301

COURSE MODULES & TOPICS**Module 1: Integration Overview and Capabilities**

- Introduction to integration architecture fundamentals
- Creating, Retrieving, Updating, and Deleting records with SOAP API
- Integrating with Salesforce using REST API
- Inserting or updating large data volumes with Bulk API
- Pushing data to users in real time with Streaming API
- Sending information to endpoints with Outbound Messaging
- Integrating Apex with external services using Callouts
- Integrating external data using Salesforce Connect
- Synchronizing data with Heroku Connect
- Connecting business processes with Platform Events
- Publishing change events with Change Data Capture

Module 2: Integration Patterns

- Remote Call-In patterns
- Request/Reply patterns
- Fire and Forget patterns
- Batch data synchronization
- UI updates based on data changes

Module 3: Integration Tools

- Selecting appropriate integration tools for given scenarios
- MuleSoft and middleware considerations

Module 4: Identity Management

- Reviewing SSO fundamentals and identity management concepts
- Salesforce as an Identity Provider
- Accepting third-party identity in Salesforce
- Social Sign-On and OpenID Connect
- Initiating flows with Identity Provider / Service Provider

- Troubleshooting identity issues

Module 5: Authentication

- Granting client application access with OAuth flows
- Generating access tokens with Username-Password flow
- Initiating Web Server flow
- Granting application access with User Agent flow
- Connecting to Salesforce using JWT Bearer flow