

Integrating with the Salesforce Platform in Lightning Experience (DEX502)

OEM: Salesforce • Duration: 4 Days (32 hrs) • Code: DEV-501

COURSE MODULES & TOPICS

Module 1: Integrations Overview

- Key characteristics of an integration
- Salesforce integration mechanisms

Module 2: Security, Authorization, and Authentication

- Force.com Security
- Single Sign-on with Federated Identity using SAML
- Single Sign-on Delegated Authentication

Module 3: Working with Salesforce Data

- Retrieving Data: sObjects, SOQL, and SOSL

Module 4: SOAP API

- Working with SOAP API and the Partner WSDL
- Debugging and Testing
- Advanced API Techniques

Module 5: JSON

- JSON Basics
- JSON with Java and C#

Module 6: Force.com REST APIs

- The Basics of REST
- The REST API
- The Chatter API

Module 7: Force.com Bulk API

- Overview of the Bulk API

- Using the Bulk API to modify data
- Querying with the Bulk API

Module 8: Force.com Streaming API

- Architecture overview
- Working with the Streaming API
- Key Streaming API facts

Module 9: Data Loader in Architecture

- Data Loader Overview
- Including Data Loader in Architecture

Module 10: Apex, Data Loader and Integrations

- Custom Apex Web Services
- Apex Callouts
- Email Services

Module 11: Declarative Integration Features

- Outbound Messaging
- Salesforce to Salesforce

Module 12: Visualforce, Portals, Sites, and Ideas Integration

- Mashups and Visualforce
- Portals and Sites integration
- Site.com Overview

Module 13: Design Workshop

- Review integration architecture
- Architecting a solution