

Saviynt REST Connector Advanced Concepts Training

Training Datasheet

Authored by: Saviynt University

Learning Path Overview

Saviynt REST Connector Advanced Concepts learning path prepares you to build and manage REST-based integrations using the REST Connector Questionnaire Wizard. You'll gain hands-on experience configuring key JSONs—ConnectionJSON, ImportUserJSON, and ProvisioningJSON—and handling advanced scenarios like pagination, multi-authentication, and error management. By the end of this learning path, you'll be ready to deploy secure, scalable identity integrations in enterprise environments. This training is built on the latest version of the Saviynt Identity Cloud.

Learning Path Duration

- 8 hours of learning content
- 20% lecture, 20% demo, and 60% hands-on lab

Target Audience

- IDM Consultants
- Technical Architects
- Saviynt Administrators
- IT Governance & Compliance Teams
- Developers & Technical Support Engineers
- System Integrators
- Partners & Implementation
- Vendors

Delivery Methods

- Self-Paced only

Lab Environment

- Hands-on labs are included as part of this training

Prerequisites

- Saviynt IGA Level 200 training or equivalent knowledge and administration experience with Saviynt products and features.

Learning Path Objectives

This learning path enables you to achieve the following objectives:

- Recognize the role of REST connectors in enabling seamless and secure integration between Saviynt and external systems.
- Explore the architecture and components of REST Connectors to understand their operational flow and capabilities.
- Set up REST Connections using the built-in wizard and configure key connection fields and parameters.
- Manage connection history and track integration activities for effective monitoring and troubleshooting.
- Construct various JSON payloads (ConnectionJSON, ImportUserJSON, ModifyUserDataJSON, ProvisioningJSON, TicketJSON) to support critical identity operations.
- Leverage advanced REST functions such as CONST, binding variables, retry mechanisms, and multi-authentication setups for optimized integration.
- Implement pagination strategies (Next URL, Page, Offset-based) to efficiently handle bulk data imports.
- Handle special scenarios like masking sensitive data, removing special characters, and validating API calls using testConnectionParams.
- Apply configuration techniques using ConfigJSON to define thresholds and manage system behaviors.
- Build ticket workflows using CreateTicketJSON and TicketStatusJSON for disconnected application scenarios.
- Adopt best practices to ensure secure, scalable, and maintainable REST connector configurations across different use cases.

Courses and Modules

01 | Introduction to REST Connectors

- Significance of REST Connectors in enabling seamless system integration for Saviynt
- Key features of REST Connectors

02 | REST Connection Architecture and Supported Features

- REST Connector Architecture
- Key Components of REST Connector
- Supported Features of REST Connector

03 | Setup REST Connector

- Creation of Connection in the system
- Configuration of Connection Fields
- Navigation and review of Connection History page
- Overview of Connection Parameters and their functional significance
- REST Questionnaire Wizard usage for streamlined API configuration

04 | Setup Application Connectivity ConnectionJSON

- REST Connector configuration using built-in wizard
- Sample JSON structure and component analysis
- Key attributes in REST integration
- Connection parameters and their configuration
- Wizard-based auto-generation of connection JSON

05 | Handling Special Scenarios - ConnectionJSON

- Special scenarios in REST Connector configuration
- Implementation of multiple API calls using Connection JSON
- Multiple authentication methods within a single connection
- Use of testConnectionParams for validation and troubleshooting
- Effective use of binding variables in REST Connector configuration
- API rate limiting and retry mechanism configuration
- Masking of sensitive attribute values in logs for security
- Removal of special characters from converted responses for clean data handling

06 | Key Features and Functions of REST Connector

- Supported functions of REST Connector
- Importance and usage of JSON functions
- Use of CONST to define or derive constant values
- Sample JSON code overview for CONST usage

07 | ImportUserJSON

- Significance of ImportUserJSON
- Configuration of ImportUserJSON for importing user objects into Saviynt
- Attributes used in ImportUserJSON
- Sample JSON code overview for ImportUserJSON

08 | Handling Special Scenarios - ImportUserJSON

- Use of multiple calls in ImportUserJSON
- Usage of ModifyUserDataJSON
- Execution of inline preprocessors using ModifyUserDataJSON
- Blocks and structure of ModifyUserDataJSON

09 | Using Pagination During Import

- Pagination usage during user import
- Types of supported pagination with sample code
- JSON construction using API responses
- 'Next URL' pagination and parameter configuration
- 'Page type' pagination and associated parameters
- 'Offset-based' pagination and relevant parameter definitions

10 | Import Accounts and Entitlements

- Blocks of ImportAccountEntJSON
- JSON construction using REST Questionnaire
- Sample JSON block overview and attribute explanation
- Supported processing types in REST import
- Attributes of ImportAccountEntitlementJSON
- JSON construction based on API response analysis

11 | Provisioning JSONs

- JSON structure and syntax for REST-based integrations and identity provisioning
- Provisioning JSONs for account operations (create, delete, update, password change, enable, disable)
- Access management JSONs for add, remove, and update access permissions
- UpdateUserJSON construction with relevant attributes and values
- Sample JSON payloads and real-world use case exploration

12 | Managing Tickets Using REST Connection

- Usage and capabilities of TicketJSON
- Construction of CreateTicketJSON using REST Questionnaire
- Sample code walkthrough for CreateTicketJSON
- Usage of TicketStatusJSON
- Sample code overview for TicketStatusJSON
- Key attributes and supported statuses in Ticket JSONs

13 | Configuration JSON

- Available configurations in ConfigJSON
- Setup of StatusThresholdConfig
- Attributes of StatusThresholdConfig

14 | Rest Connector Best Practices

- Best practices for using REST Connector
- Best practices for MODIFYUSERDATAJSON configuration

Upon Training Completion

Saviynt will provide you with a training completion certificate after completion of this training. A sample of the certificate is shown below:

