



REST

REST, or REpresentational State Transfer, is an architectural style for providing standards between computer systems on the web, making it easier for systems to communicate with each other. REST-compliant systems, often called RESTful systems, are characterized by how they are stateless and separate the concerns of client and server.

Functionality

Connectivity between Omada and REST enables organizations to:

- Make HTTP requests with specified verbs on a specific URL
- Specify custom JSON payloads
- Specify as security protocol
- Specify authentication protocols
- Specify OAuth authentication protocols for client credentials and passwords
- Configure token expiration based on policies, like persisting tokens, new tokens, and time-based tokens
- Analyze the body of response codes

Supported Objects and Operations

Example of data model in source/target system mapped to Omada data model using our configurable/template:

Application specific objects	Omada Identity Data Model	Operations
Users	Account	Create, Read, Update, Delete
Groups	Resource	Read
Roles	Resource	Read
Group memberships	Resource Assignment	Create, Read, Update, Delete
Groups in groups	Resource Parent/child	Read

The Omada Configurable Connectivity Framework offers:

- Template-driven connectivity for ease of implementation
- Flexible data model
- Adaptable and extensible data fields and attributes
- Choice of multiple authentication methods

A configurable connectivity approach provides an efficient, reliable and fast alternative that is better suited to the dynamic, hybrid IT environment where connectivity is a continuous activity. This connector for Omada and REST can be leveraged using Omada’s configurable connectivity framework, which supports standard connectors for SCIM, REST, OData, LDAP, PowerShell, .CSV, .NET, SQL, and SOAP.