



SEVONE PLATFORM 1-DAY API TRAINING OVERVIEW.

The SevOne Platform 1-Day API Training course is a dive into using the SevOne API. Participants will be led through an introduction and four to six script writing activities that cover the most common uses of the API. This course will provide each participant with a demonstrable understanding of the API documentation, functions, and practical use. Following the completion of this course, participants will be well equipped to use the API in a number of different ways, in real world scenarios, to save time and effort in their businesses and jobs.

COURSE OBJECTIVES

THE SEVONE DATABASE AND DOI MODEL

Following completion of this module, you will be able to:

- Describe the Device, Object, Indicator model used in the SevOne Database
- Navigate the SevOne Databases in order to find raw data
- Use the Instant graphs and TopN tools to generate reports
- Describe the relationship between an object and a datatable

REPORTING

Following completion of this module, you will be able to:

- List five common API endpoints used in creation of external dashboards
- Describe the process of extracting raw data from a single indicator using the SevOne API - including all endpoints used
- Write a script that embeds a graph in an external web page

REST BASICS

Following completion of this module, you will be able to:

- Describe and draw the basics of REST calls issued from a SevOne appliance
- Describe where to find the REST documentation
- Authenticate using the SevOne REST API Swagger Documentation
- Explain the three most common (high-level) uses for the SevOne API

AUTOMATION

Following completion of this module, you will be able to:

- List five common endpoints used while completing tasks of automation using the SevOne API
- Describe the process of adding an object to a group using the API - including all endpoints used
- Write a script that adds interfaces into "high speed" and "low speed" groups based on SNMP ifSpeed or ifHighSpeed

WHY REST?

Following completion of this module, you will be able to:

- Explain the advantages of using REST over SOAP
- Explain a 'language agnostic' CURL call
- Issue a raw CURL request to the SevOne API from the SevOne CLI

DATA INSERTION

Following completion of this module, you will be able to:

- Describe the endpoints used in creating a deferred data script
- Write a script that inserts data into SevOne

THE BASICS

Following completion of this module, you will be able to:

- Authenticate with the API through a script
- Retrieve a list of devices, using the API, from a SevOne cluster
- Filter a list of devices, using the API from a SevOne cluster
- Retrieve one device's objects, using the API, from a SevOne cluster

SERVICE ENGAGEMENT PROCESS

The start date for the provision of services set forth above shall be scheduled by the parties upon the receipt by SevOne of a customer purchase order. After approval, SevOne Training will work with the customer to schedule the dates for training to commence. There will be a pre-call with SevOne Training, no later than one week in advance of the engagement to discuss the delivery method, a list of attendees, and the desired outcome(s). After this call, SevOne Training will provide the necessary technical pre-requisites to setup the customer environment for the training engagement.

TERMS AND ASSUMPTIONS

- Scheduling changes or cancellations must be made at least 14 days in advance of the agreed upon start date. Any change that results in additional travel expenses will be billed to the customer at cost, and any cancellation within 14 days of training will be billed to the customer in full.
- All participants must have access to a computer for the lab portion of the training.
- All training delivery will be consecutive days. If the customer will need gaps in the delivery days, 50% daily rate will apply if within the same week and T&E charges for these days will be invoiced back to the customer.
- In order to accommodate maximum material coverage, class size is limited to 12 students.
- Customer shall make necessary personnel and systems available for SevOne's provision of training.
- Customer will make sure that all technical requirements specified for the delivery of training are met prior to the trainer coming on premise.
- SevOne is not responsible for any delays not caused by SevOne, such as network connectivity, and shall count hours worked around such issues. SevOne will bring delays to the customer's attention immediately, and no later than the same day. The customer may then choose to suspend work at the end of a working day.
- SevOne's provision of training shall be governed by the terms and conditions as detailed in the quotation.
- Fees for services do not include maintenance and support services for any deliverables provided hereunder, which, if requested by the customer, would be the subject of a separate professional services SOW.

GET STARTED WITH SEVONE:



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