Using the Splunk REST API

Category: AI, Data & Analytics | **Vendor:** Splunk

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Formerly Developing with Splunk's REST API.

This course is designed for application developers and administrators that want to utilize the Splunk REST API. In this course, you will learn how to make REST API requests and parse the server responses. Major topics include authentication, server administration, and implementation of a variety of search types. You will also ingest data using the HTTP Event Collector and manage application data using the Key-Value Store.

Please note that this class may run over two days, with 4.5 hour sessions each day, with a total of nine hours of content.

About This Course

Formerly Developing with Splunk's REST API.

This course is designed for application developers and administrators that want to utilize the Splunk REST API. In this course, you will learn how to make REST API requests and parse the server responses. Major topics include authentication, server administration, and implementation of a variety of search types. You will also ingest data using the HTTP Event Collector and manage application data using the Key-Value Store.

Please note that this class may run over two days, with 4.5 hour sessions each day, with a total of nine hours of content.

Who Should Attend

- Administrators
- Engineers

Prerequisites & Entry Requirements

General Prerequisites:

To be successful, students should have a solid understanding of the following:

- Splunk Enterprise System Administration (SESA)
- Splunk Enterprise Data Administration (SEDA)
- Python, JavaScript, or similar scripting languages

Detailed Course Outline

Topic 1 – Splunk REST API

- Introduce REST
- Review HTTP requests
- Describe the Splunk REST API
- Discuss authentication methods

Topic 2 – Response Data

- Review HTTP responses
- Describe the Atom specification
- Demonstrate how to retrieve JSON
- Explain how to parse a response

Topic 3 – Administration APIs

- Introduce the administration APIs
- Update configuration files
- Work with indexes
- Manage users

Topic 4 – Namespaces and Access Control

- Introduce namespaces
- Explain namespace use cases
- Implement access control

Topic 5 – Search

- Identify search components
- Review search best practices
- Create a search and retrieve results
- Discuss oneshot searches

Topic 6 – Advanced Search

- Utilize real-time searches
- Summarize export searches
- Construct saved searches
- Understand search job management

Topic 7 – HTTP Event Collector

- Describe the HTTP Event Collector
- Explain token management
- Explore data ingestion
- Implement data acknowledgement

Topic 8 – Key-Value Store

- Examine the Key-Value Store
- Define and manage a collection
- Create and manage records

Frequently Asked Questions

Q: What delivery options are available for Using the Splunk REST API?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Using the Splunk REST API course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Using the Splunk REST API training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Using the Splunk REST API?

Yes, we provide corporate training, dedicated training, and closed classes for Using the Splunk REST API. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Using the Splunk REST API, Splunk Developer (Dashboard Studio), DSRAPI

Q: Why choose Nexus Human for Using the Splunk REST API?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Using the Splunk REST API training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 XXX XXXX (Ireland) | +44 20 XXXX XXXX (UK)