Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Using the Splunk REST API

CODE:	LENGTH:	PRICE:
SPL_UTSRAPI	16 Hours (2 days)	Request Price

Description

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.

Objectives

This course is for application developers and administrators.

Audience

Administrators
Application developers
Engineers

Prerequisites

To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
○ Splunk Enterprise System Administration
○ Splunk Enterprise Data Administration
● Additional courses and/or knowledge in these areas are also highly recommended:
○ Python, JavaScript,
or other scripting languages

Programme

Module 1 – Splunk REST API
● Introduce REST
● Review HTTP requests
● Describe the Splunk REST API
● Discuss authentication methods
Module 2 – Response Data
● Review HTTP responses
● Describe the Atom specification
● Demonstrate how to retrieve JSON
● Explain how to parse a response
Module 3 – Administration APIs
● Introduce the administration APIs
● Update configuration files
● Work with indexes
● Manage users
Module 4 – Namespaces and Access Control
● Introduce namespaces
● Explain namespace use cases
● Implement access control
Module 5 – Search
● Identify search components

● Review search best practices
● Create a search and retrieve results
● Discuss oneshot searches
Module 6 – Advanced Search
● Utilize real-time searches
● Summarize export searches
● Construct saved searches
● Understand search job management
Module 7 – HTTP Event Collector
● Describe the HTTP Event Collector
● Explain token management
● Explore data ingestion
● Implement data acknowledgement
Module 8 – Key-Value Store
● Examine the Key-Value Store
● Define and manage a collection
● Create and manage records

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.