



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**Du kan nå oss her**

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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

Ved forespørsel. Vennligst [kontakt oss](#)

## Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. [Kontakt oss for å finne ut mer.](#)