

## DELIVERY METHODS



### ILT – Instructor-Led Classroom Training

ILT sessions are conducted in a physical classroom environment.



### ILO – Instructor-Led Online Training

ILO sessions are conducted via WebEx in a VoIP environment



### FLEX Classroom™ – Combined ILT & ILO

FLEX Classroom sessions are delivered via ILT and ILO giving you the ultimate flexibility.

## Multivalue Fields (SMV)

ID SP-SMV Price US\$ 500 Duration 3 hours

### This course is part of the following Certifications

Splunk Core Certified Advanced Power User (SPCCAPU)

### Prerequisites

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

- How Splunk works
- Creating search queries

### Course Objectives

- What are Multivalue Fields
- Creating Multivalue Fields
- Evaluating Multivalue Fields
- Analyzing Multivalue Fields

### Course Content

This three-hour course is for power users who want to become experts on searching and manipulating multivalue data. Topics will focus on using multivalue eval functions and multivalue commands to create, evaluate, and analyze multivalue data.

### Detailed Course Outline

#### Topic 1 – What are Multivalue Fields?

- Understand multivalue fields

- Define self-describing data
- Understand how JSON data is handled in Splunk
- Use the spath command to interpret self-describing data
- Use the mvzip and mvexpand commands to manipulate multivalue fields
- Convert single-value fields to multivalue fields with specific commands and functions

#### Topic 2 – Creating Multivalue Fields

- Creating multivalue fields with the makemv command and the split function of the eval command

#### Topic 3 – Evaluating Multivalue Fields

- Use the mvcount, mvindex, and mvfilter eval functions to evaluate multivalue fields

#### Topic 4 – Manipulating Multivalue Data

- Use the mvsort, mvzip, mvjoin, mvmap, and mvappend eval functions and the mvexpand command to analyze multivalue data