



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Sie erreichen uns hier**

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CODE:	LÄNGE:	PREIS:
SPL_APUFS	24 Hours (3 Tage)	€3,000.00

## Description

This Advanced Power User Fast Start 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.  
designed for power users who want to learn how to use lookups and subsearches to enrich their results. Topics will focus on lookup commands and explore how to use subsearches to correlate and filter data from multiple sources.  
for power users who want to improve search performance. Topics will cover how search modes affect performance, how to create an efficient basic search, how to accelerate reports and data models, and how to use the tstats command to quickly query data.  
for knowledge managers who want to use lookups to enrich their search environment. Topics will introduce lookup types and cover how to upload and define lookups, create automatic lookups, and use advanced lookup options. Additionally, students will learn how to verify lookup contents in search and review lookup best practices.  
designed for power users who want to learn best practices for building dashboards in the Dashboard Studio. It focuses on dashboard creation, including prototyping, the dashboard definition, layouts types, adding visualizations, and dynamic coloring.  
designed for power users who want to learn best practices for building dashboards in the Dashboard Studio. It focuses on creating inputs, chain searches, event annotations, and improving dashboard performance.

## Lernziel

Course Topics • Using Lookup Commands • Adding a Subsearch • Using the return Command • What are Multivalue Fields • Creating Multivalue Fields • Evaluating Multivalue Fields • Analyzing Multivalue Fields • Optimizing Search • Report Acceleration • Data Model Acceleration • Using the tstats Command • What is a Lookup? • Creating Lookups • Geospatial Lookups • External Lookups • KV Store Lookups • Best Practices for Lookups • Dashboard Framework • Prototyping • Visualization Types • Modifying the Source Code • Dynamic Coloring • Data Source Types • Mock Data • Event Annotations • Adding Inputs • Chain Searches

## Zielgruppe

Search Experts Knowledge Managers

## Voraussetzungen

How Splunk works  
Knowledge objects  
Lookups  
Creating Search queries  
Creating reports and data models  
Data structure requirements for visualizations

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

## Inhalt

Module 1 : Leveraging Lookups and Subsearches (SSC)    Topic 1 – Using Lookup Commands  
Understand lookups  
Use the inputlookup command to search lookup files  
Use the lookup command to invoke field value lookups  
Use the outputlookup command to create lookups  
Invoke geospatial lookups in search  
Topic 2 – Adding a Subsearch

Define subsearch

Use subsearch to filter results

Identify when to use subsearch

Understand subsearch limitations and alternatives

### Topic 3 – Using the return Command

Use the return command to pass values from a subsearch

Compare the return and fields commands

### Module 02 : Multivalue Fields (SSC)

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 mvzip and mvexpand commands to manipulate multivalue fields

Convert single-value fields to multivalue fields with specific commands and functions

Topic 1 – What are Multivalue Fields? 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

Understand how search modes affect performance

Examine the role of the Splunk Search Scheduler

Review general search practices

Module 03 : Search Optimization (SSC) Topic 1 – Optimizing Search Topic 2 – Report Acceleration

Define acceleration and acceleration types

Understand report acceleration and create an accelerated report Understand data model acceleration

Reveal when and how report acceleration summaries are created Accelerate a data model

Search against acceleration summaries

Use the datamodel command to search data models

Topic 3 – Data Model Acceleration

Topic 4 – Using the tstats Command

Explore the tstats command

Search acceleration summaries with tstats

Search data models with tstats

Compare tstats and stats

### Module 04 : Enriching Data With Lookups (SSC) Topic 1 – What is a Lookup?

Use file-based lookups at search time

Define a lookup and the default lookup types

Create (upload, define, configure) a lookup

Lookups and the search-time operation sequence Use an automatic lookup at search

Topic 2 – Creating Lookups

Topic 3 – Geospatial Lookups

Understand external lookups

Understand geospatial lookups and KMZ/KML files Explore the default lookups, external\_lookup.py

Add and define a geospatial lookup

Configure external lookups

Topic 4 – External Lookups

Topic 5 – KV Store Lookups

Introduce KV Store lookups

Configure KV Store lookups

Compare file-based CSV lookups to KV Store lookups Various best practices for using lookups

Topic 6 – Best Practices for Lookups

Describe the dashboard definition

Compare classic and dashboard studio dashboards

Use dashboard best practices

Manage views

Use dashboard best practices

Module 05 : Intro To Dashboards (SSC) Topic 1 – Dashboard Framework Topic 2 – Create a Prototype

Describe dashboard workflows Describe dynamic coloring

Compare layout types Contrast visualization types

Identify layout fields Set global time range parameters

Add visualizations Apply dynamic coloring

Topic 3 – Use Dynamic Coloring

### Module 06 : Dynamic Dashboards (SSC)

Identify types of inputs

Identify dataSources stanza fields Describe how inputs work

Name search types

Create a dynamic input

Use a secondary data source

Add cascading inputs

Topic 1 – Selecting a Data Source Topic 2 – Adding Inputs

Topic 3 – Improving Performance

Identify performance improvement methods

Use tstats and accelerated data models

Differentiate between temporary and persistent fields

Create chain searches

Create temporary fields with the eval command

Set defaults

Extract temporary fields with the erex and rex commands

Topic 4 – Comparing Temporary versus Persistent Fields Topic 5 – Enriching Data

Understand how fields from lookups, calculated fields, field aliases, and field extractions enrich data

## Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
27 Nov 2024	Wien	CET	German	Instructor Led Online		€3,000.00
17 Feb 2025	Wien	CET	German	Instructor Led Online		€3,000.00
16 Jun 2025	Wien	CEDT	German	Instructor Led Online		€3,000.00
03 Nov 2025	Wien	CET	German	Instructor Led Online		€3,000.00

## Zusätzliche Information

[Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.](#)