Enterprise Computing Solutions - Education Services

TRAINING OFFERING

Sie erreichen uns hier

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Advanced Power User Fast Start

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

To be successful, students should have a solid understanding of the following:
How Splunk works
Knowledge objects
Lookups
Creating Search queries
Creating reports and data models
Data structure requirements for visualizations
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)

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 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

Module 03 : Search Optimization (SSC)

Topic 1 – Optimizing Search
Understand how search modes affect performance
Examine the role of the Splunk Search Scheduler
Review general search practices
Topic 2 – Report Acceleration
Define acceleration and acceleration types
Understand report acceleration and create an accelerated report
Reveal when and how report acceleration summaries are created
Search against acceleration summaries
Topic 3 – Data Model Acceleration
Understand data model acceleration
Accelerate a data model
Use the datamodel command to search data models
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?
Define a lookup ad the default lookup types
Lookups and the search-time operation sequence
Topic 2 – Creating Lookups
Use file-based lookups at search time
Create (upload, define, configure) a lookup
Use an automatic lookup at search
Topic 3 – Geospatial Lookups
Understand geospatial lookups and KMZ/KML files
Add and define a geospatial lookup
Topic 4 – External Lookups
Understand external lookups
Explore the default lookups, external_lookup.py
Configure external lookups
Topic 5 – KV Store Lookups
Introduce KV Store lookups
Configure KV Store lookups
Compare file-based CSV lookups to KV Store lookups
Topic 6 – Best Practices for Lookups
Various best practices for using lookups

Module 05 : Intro To Dashboards (SSC)

Topic 1 – Dashboard Framework
Describe the dashboard definition
Compare classic and dashboard studio dashboards
Use dashboard best practices
Manage views
Use dashboard best practices
Topic 2 – Create a Prototype
Describe dashboard workflows
Compare layout types
Identify layout fields
Add visualizations
Topic 3 – Use Dynamic Coloring
Describe dynamic coloring
Contrast visualization types
Set global time range parameters
Apply dynamic coloring

Modules 06 : Dynamic Dashboards (SSC)

Topic 1 – Selecting a Data Source
Identify dataSources stanza fields
Name search types
Use a secondary data source
Topic 2 – Adding Inputs
Identify types of inputs
Describe how inputs work
Create a dynamic input
Add cascading inputs
Topic 3 – Improving Performance
Identify performance improvement methods
Use tstats and accelerated data models
Create chain searches
Set defaults
Topic 4 – Comparing Temporary versus Persistent Fields
Differentiate between temporary and persistent fields
Create temporary fields with the eval command
Extract temporary fields with the erex and rex commands

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
15 Feb 2027	München		German	Instructor Led Online		€3,000.00
31 May 2027	München		German	Instructor Led Online		€3,000.00
12 Jul 2027	Wien	CEDT	German	Classroom		€3,000.00
12 Jul 2027	München		German	Classroom		€3,000.00
12 Jul 2027	Wien	CEDT	German	MOC On Demand		Free
30 Aug 2027	München		German	Instructor Led Online		€3,000.00
25 Oct 2027	München		German	Instructor Led Online		€3,000.00
02 Nov 2027	München		German	Instructor Led Online		€3,000.00
13 Dec 2027	München		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.