Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Configuring Tracing and Profiling for Splunk APM

CODE:	LENGTH:	PRICE:
SPL_CTPFSAPM	0.96 Hours (0.12 days)	€500.00

Description

This single subject course targeted to DevOps enables you to learn configuration techniques to send traces to Splunk APM. Through in-person discussions and hands-on activities, learn to deploy the Splunk OpenTelemetry Collector on a Linux host. Use the OpenTelemetry Collector to configure processor components to modify trace metadata. Use auto-instrumentation to send in traces without altering your code. Enable AlwaysOn profiling to monitor code performance. This course assumes familiarity with navigating Splunk APM which is covered in the course Using Splunk Application Performance Monitoring.
This lab-oriented class is designed to help you learn the fundamentals of configuring your code to send in traces and trace metadata. All hands-on labs are in Python and Java.

Objectives

- Deploy the Splunk OTel Collector
- Configure the Splunk OTel Collector processor components
- Use Auto-Instrumentation to Send Traces
- Add metadata to your traces
- Enable AlwaysOn Profiling

Prerequisites

Required:

- Using Splunk Application Performance Monitoring
- Familiarity with using the command line terminal

Strongly recommended:

- Basic knowledge of programming languages (e.g. Python, Java)

Programme

Topic 1 – Deploy and Configure the Otel Collector

- Deploy the Splunk OTel Collector
- Configure the OTel Collector

Topic 2 – Auto-Instrument Applications To Send Traces

- Describe instrumentation options
- Use auto-instrumentation to send in traces

Topic 3 – Configure the OTel Collector to Modify Trace Attributes

- Describe the OTel Collector architecture
- Configure processor components to modify trace metadata

Topic 4 – Enable Splunk AlwaysOn Profiling

- Enable AlwaysOn Profiling in applications

Session Dates

On request. Please contact us

Additional Information

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