



Instrumenting Applications for Splunk APM

This 4.5-hour virtual course targeted to developers and DevOps enables you to instrument your applications to send traces to Splunk APM. Through in-person discussions and hands-on activities, learn to deploy the Splunk OpenTelemetry Connector on a Linux host. Use auto-instrumentation to send in traces without altering your code. Use manual instrumentation to create spans and add metadata to spans. 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 instrumenting your code to send in traces. All hands-on labs are in Python and Java.

Course Topics

- Deploy and configure the Splunk OTel Connector
- Use Auto-Instrumentation to Send Traces
- Manually Instrument Applications to Send Traces
- Add metadata to your traces

Prerequisite Knowledge

Required:

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

Strongly recommended:

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

Course Format

Instructor-led lecture with labs, delivered via virtual classroom or at your site.

Course Objectives

Module 1 – Deploy Splunk APM

- Deploy the Splunk OTel Connector
- Configure the OTel Connector

Module 2 – Auto-Instrument Applications To Send Traces

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

Module 3 – Manually Instrument Application to Send Traces

- Manually create spans
- Add span tags

About Splunk Education

Splunk classes are designed for specific roles such as Splunk Administrator, Developer, User, Knowledge Manager, or Architect.

Certification Tracks

Our certification tracks provide comprehensive education for Splunk customer and partner personnel according to their areas of responsibility.

To view all Splunk Education's course offerings, or to register for a course, go to <http://www.splunk.com/education>

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