



## Using Splunk Application

This 4.5-hour virtual course targeted to Developers and DevOps enables you to use Splunk APM to analyze traces, troubleshoot and monitor your microservices-based applications. Through discussions and hands-on activities, deep dive into uses of distributed tracing, navigating the Splunk APM app to analyze traces and visualize and alert on APM metrics.

### Course Topics

- When to use Splunk APM
- View and Analyze End-to-end Collected Traces
- Find the Root Cause of a Problem

### Prerequisite Knowledge

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

Required:

- Familiarity with navigating Splunk Observability Cloud

Strongly Recommended:

- Basic knowledge of visualization and alerting on metrics in Splunk Observability

### Course Format

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

### Course Objectives

#### Module 1 – Overview of Splunk APM

- Describe the Splunk Observability Solution
- Identify the key elements of Splunk APM
- Differentiate between metrics, traces and logs

#### Module 2 – Environments, Services, and Endpoints

- Define environments, services, endpoints, and operations
- Navigate the core Splunk APM pages and service views

#### Module 3 – Traces, Spans, and Tags

- Explore spans, traces, and APM metrics in more detail
- Navigate the Splunk APM trace and tag spotlight views
- Explore tags and MetricSets

#### Module 4 – Troubleshooting Using Splunk APM

- Create custom APM dashboards and charts
- Create detectors to alert on APM metrics
- Troubleshoot an issue after an alert triggers

## Performance Monitoring

### 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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