Using Splunk Application Performance Monitoring

Course Summary:

This course is for Devops/SREs and Developers.
This course 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 Duration:

4.5 Hours (1 Day)

Prerequisites:

- To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
  ○ Introduction to Splunk Infrastructure Monitoring (eLearning)
  ○ Introduction to Splunk Application Performance Monitoring (eLearning)

Course Outlines:

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

Audience:

- Devops/SREs
- Developers