

# Monitoring your Microservice-based Applications Using SignalFx

## Course Description

### OVERVIEW

This course targeted to developers and DevOps enables you to use the SignalFx Microservices APM component of SignalFx to analyze and monitor your Microservices-based applications. Learn to use SignalFx APM detectors and built-in dashboards along with trace data to alert and troubleshoot issues.

All concepts are taught using lectures and scenario-based hands-on activities.

Maximum number of participants: 12

### IS THIS COURSE RIGHT FOR YOU?

Yes, if you are a developer or DevOps responsible for monitoring your services or applications.

### PREREQUISITES

Familiarity with SignalFx metrics platform; Visualization and alerting on SignalFx metrics

### AVAILABILITY

	ONSITE	VIRTUAL
DURATION	½ day	4-hours

### COURSE OBJECTIVES

At the end of this course, you will be able to:

- Describe when to use SignalFx Microservices APM
- Use SignalFx to view and analyze end-to-end collected traces
- Use SignalFx to find the root cause of a problem

## TOPICS

### Overview

Describe the SignalFx streaming architecture. See how SignalFx is used to monitor microservices environments. Get an overview of the key elements of the SignalFx Microservices APM product. Differentiate between metrics and traces.

### Troubleshoot Using SignalFx

Start with the definitions of traces, spans, span metadata and other Microservices APM based terms. See how view spans and traces in SignalFx in the  $\mu$ APM section of the SignalFx app. Navigate the SignalFx  $\mu$ APM built-in dashboards and built-in alert templates. Create custom dashboards and alerts on trace and span metrics. T Configure datalinks to link from the  $\mu$ APM Services page. Through discussions and hands-on activities learn to troubleshoot an issue once as alert triggers.

## COURSE INCLUDES

- Support for all students on lab exercises
- Lab exercises, lab guide, slide guide, job aids as appropriate
- Training environment for all students for completion of labs

## CONTACT

Email us at [training@signalfx.com](mailto:training@signalfx.com) for more information and to schedule training.