

COURSE CATALOG

About SignalFx Training

We provides a number of learning options to get the most out of SignalFx. We have created a comprehensive training curriculum that focusses on monitoring best practices with SignalFx. Individual courses touch on the following topics:

- Core skills
- Practical applications of using the SignalFx user interface
- SignalFx API best practices

Each course has been designed to help users at different levels become proficient at working with the SignalFx solution.

Available Learning Options

Self-paced (SignalFx Training Portal)

We have a catalog of interactive self-paced courses that you can take anytime , from anywhere for ongoing learning.

Instructor-led

Take our instructor led training that provides hands-on coaching from our experienced instructors. Attend a class virtually or in-person onsite at your location.

Roles

	HOW IS YOUR TEAM USING SIGNALFX
User	Will create charts, dashboards and alerts, mostly for themselves
DevOps, SRE, Observability	Responsible for creating charts, dashboards and detectors for their group or all groups Automate management of all charts, dashboards and detectors
Developer	Instrument their apps/services to send in custom metrics Create dashboards, charts and detectors to monitor their app/service

SignalFx Training Delivery Options

	PRIVATE ONSITE	PRIVATE VIRTUAL	TRAIN-THE- TRAINER
Single team or few core users from multiple teams in one location	✓		
Single team or few core users from multiple teams in multiple locations		✓	
Multiple teams, many users			✓

CLASS SIZES

All instructor-led classes are limited to **10** participants.

CONTACT

Email us at training@SignalFx.com for more information and to schedule training.

Available Courses

Offering	Description
SignalFx Essentials	Self-paced training via the SignalFx training portal; free to all SignalFx customers View the Self-paced course catalog .
SFX 101 SignalFx Core Skills for Infrastructure Monitoring and Microservices APM	Learn core skills for monitoring your environment; Series of four 60-minute webinars delivered virtually by our experienced instructors
SFX 200 Infrastructure Monitoring Using SignalFx	Go from basics to advanced topics in this comprehensive course on the entire SignalFx solution; Delivered virtual or onsite
SFX 215 Monitoring your Microservices based Applications using SignalFx	Use SignalFx Microservices APM to traces and troubleshoot issues; Delivered virtual or onsite
SFX 300 Automation Using the SignalFx API for Infrastructure *Prerequisite – SFX 200	Learn to use the SignalFx API to automate management of charts, dashboards and detectors; Delivered virtual or onsite
SFX 310 Sending Custom Metrics to SignalFx	Learn how to send custom metrics to SignalFx, use the API to manage the metadata and visualize and alert on these custom metrics; Delivered virtual or onsite
SFX 315 Advanced Monitoring of Microservices Applications using SignalFx	Configure the SignalFx APM components and learn to instrument your code to send in traces from your applications; Delivered virtual or onsite
SignalFx Corporate Train-the-Trainer	Customize SignalFx training for your organization

COURSES BY ROLE

ROLE	HOW IS YOUR TEAM USING SIGNALFX	COURSES
USER	Will create charts, dashboards and alerts, mostly for themselves	SFX 101 SignalFx Core Skills for Infrastructure Monitoring and Microservices APM
DEVOPS, SRE, OBSERVABILITY	Responsible for creating charts, dashboards and detectors for their group or all groups Automate management of all charts, dashboards and detectors	<p>SFX 200 Infrastructure Monitoring Using SignalFx</p> <p>SFX 215 Monitoring your Microservices based Applications using SignalFx</p> <p>SFX 305 Automation Using the SignalFx API Prerequisite SFX 200</p> <p>SFX 315 Advanced Monitoring of Microservices Applications using SignalFx</p>
DEVELOPER	Instrument their apps/services to send in custom metrics and traces Create dashboards, charts and detectors to monitor their app/service	<p>SFX 215 Monitoring your Microservices based Applications using SignalFx</p> <p>SFX 310 Sending Custom Metrics to SignalFx</p> <p>SFX 315 Use SignalFx to Monitor Microservices-Based Applications</p>

Course Descriptions

SFX 101 SignalFx Core Skills for Infrastructure Monitoring and Microservices APM

This set of courses provides the support for you and your organization to leverage the most of the SignalFx platform. Onboard your team efficiently by learning the core skills for monitoring your infrastructure. This training is ideal for organizations looking to drive deeper adoption of SignalFx.

SignalFx jumpstart courses consists of four 60-minute training sessions delivered virtually by our experienced instructors. Pick from A list of topics that are most critical to your teams. You can pick from the following list of topics:

- Monitoring Using SignalFx Out-of-the-box Functionality
- Working With Dashboards
- Creating Charts
- Creating Detectors
- Easy Ways To Analyze Data Using SignalFx
- SignalFx Data Model
- Introduction to SignalFx Microservices APM

SFX 200 Monitoring Infrastructure Using SignalFx

This comprehensive course provides practical applications of using the SignalFx platform. Learn to navigate the user interface and monitor your infrastructure using out-of-the-box SignalFx functionality. Through in-person discussions and hands-on activities, understand the key components of the SignalFx data model. Deep dive into visualizing your metrics by building dashboards and charts. Get more out of your data (and create stable alerts) using analytic functions. Learn various ways to create detectors based on your requirements.

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

SFX 215 Monitoring your Microservices based Applications using SignalFx

This course, targeted towards developers and DevOps, enables you to use the SignalFx Microservices APM component to analyze traces, troubleshoot and monitor your microservices-based applications. Through in-person discussions and hands-on activities, deep dive into uses of distributed tracing, analyze traces in SignalFx and use SignalFx dashboards.

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

SFX 300 Automation Using the SignalFx API

SignalFx exposes a comprehensive API that allows you to automate any action that can be done using the SignalFx User Interface. This one-day course provides the foundation for you to use the API to query metadata, and add properties and tags to dimensions and metrics. Learn to automate bulk actions such as the creation of charts, dashboards, and alerts. See how to programmatically perform complex computations that can be used in charts and detectors or streamed in real-time. This course also describes how to send in other monitoring data such as custom metrics and historic data.

Learn the concepts and apply the knowledge through discussions and hands-on activities.

SFX 310 Sending Custom Metrics into SignalFx To monitor the performance of your infrastructure and applications, you need real-time metrics. SignalFx offers support for a broad range of integrations for collecting system metrics for infrastructure components. Using the SignalFx client libraries, you can create custom metrics that give you the flexibility to monitor all aspects of your services or applications.

This one-day course, targeted towards developers and DevOps, focuses on creating custom metrics to monitor your applications/services with SignalFx. Learn to instrument applications/services to send in custom metrics that characterize the application or service. Define relevant metadata for your metrics to let you find, filter and aggregate the metrics that you want to chart or alert on. Create charts and custom dashboards to visualize these custom metrics. Create detectors to monitor the metrics to alert when there are any issues with the application or service.

Learn the concepts and apply the knowledge through discussions and hands-on activities.

SFX 315 Advanced Monitoring of Microservices Applications using SignalFx

This course, targeted towards developers and DevOps, enables you to use the SignalFx Microservices APM component to send traces to SignalFx. You will learn to configure the SignalFx Smart Agent and Smart Gateway; see how to auto-instrument and manually instrument your applications to send traces into SignalFx.

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