



Using Splunk Infrastructure Monitoring

This comprehensive 2-day virtual course targets Ops, SREs and observability teams. It provides practical applications of using the SignalFx platform. Learn to navigate the user interface and monitor your infrastructure using out-of-the-box SplunkIM functionality.

Through in-person discussions and hands-on activities, understand the key components of the Splunk IM data model. Deep dive into visualizing your infrastructure and custom metrics by building dashboards and charts based on example scenarios. Get more out of your data (and create stable alerts) using analytic functions. Learn to create detectors for common use cases.

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

Course Topics

- Differentiate Between Types of Metadata
- Monitor your Environment using Built-in Content
- Create and Manage Teams
- Work with Dashboard Groups and Dashboards
- Work with Charts
- Create Detectors and Alert on Splunk IM Metrics
- Create Detectors for Common Use Cases

Course Prerequisites

Required:

- Splunk IM and APM Fundamentals (self-paced)

Class Format

Instructor-led lecture with hands-on activities.
Delivered via virtual classroom.

Course Modules

Module 1 – Introducing Splunk IM

- Describe the Splunk IM solution
- Describe and use metadata
- Use the Infrastructure Navigator
- Navigate built-in dashboards

Module 2 – Create Team Summary Dashboards

- Create a Splunk IM team
- Work with dashboard groups and dashboards
- Work with charts
- Share dashboards and charts
- Describe how Splunk IM handles data

Module 3 – Alerting on Metrics

- Create detectors
- Create events
- View events in dashboards
- Mute notifications

- Share charts

Module 4 – Using Common Analytic Functions

- Use sum (group by)
- Use Top N/Bottom N
- Use percentiles
- Compare week over week change or look at growth rate
- Describe rollups and resolution in charts
- Create data links
- Monitor multiple signals

Module 5 – Creating Detectors for Common Use Cases

- Monitor populations
- Create non-flapping detectors
- Monitor aperiodic data
- Handle delayed data
- Monitor cyclical patterns
- Monitor large number of sources
- Monitor an ephemeral infrastructure

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

To contact us, email education_AMER@splunk.com

About Splunk

Splunk is software that indexes, manages and enables you to search data from any application, server or network device in real time.

Visit our website at www.splunk.com to download your own free copy.

Splunk Inc.
270 Brannan
San Francisco, CA 94107
866.GET.SPLUNK
(866.438.7758)
sales@splunk.com
support@splunk.com