



Splunk Infrastructure Monitoring Fundamentals

This course serves as the foundation for all other Splunk Infrastructure Monitoring courses. It is targeted towards DevOps/SRE/Observability teams, Senior On-call Engineers, Onboarding and Monitoring Strategists and Developers.

This 4.5-hour virtual course provides a fundamental understanding of Splunk Infrastructure Monitoring concepts such as the Splunk IM data model and different types of metadata. See how to search for metrics, find more information about a metric, visualize and alert on metrics. Learn to use appropriate rollups, interpret chart data based on chart resolution, rollups and analytic functions. All concepts are taught using lectures and scenario-based hands-on activities.

Note that a large portion of this course content was covered in the course Using Splunk Infrastructure Monitoring (retired course).

Course Topics

- Define components of the Splunk IM data model
- Discriminate between types of metadata
- Create dashboards using best practices
- Find and visualize metrics
- Alert on metrics
- Correctly interpret data in charts based on rollups, analytic functions and chart resolution

Prerequisite Knowledge

- Introduction to Splunk Infrastructure Monitoring (eLearning)

Course Format

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

Course Objectives

Module 1 – Splunk Infrastructure Monitoring Data Model

- Define components of the Splunk IM Data Model
 - o Metrics, MTS, datapoints
 - o Data resolution and rollups
- List the components of a datapoint

Module 2 – Types of Splunk IM Metadata

- Discriminate between types of metadata
- Use metadata to segment your data

Module 3 – Finding and Visualizing Metrics

- Search for metrics
- Visualize a metric in a chart
- Create dashboards and dashboard groups
- Distinguish between different chart visualization types

Module 4 – Using Rollups and Analytic Functions

- Correctly apply rollups and analytic functions
- Interpret data in charts

Module 5 – Alerting on Metrics

- Create a detector from a chart

- Clone a detector
- Create standalone detector
- Create a muting rule

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>

To contact us, email Education_AMER@splunk.com

Splunk, Inc.

270 Brannan St. San Francisco, CA 94107

+1 866.GET.SPLUNK (1 866.438.7758)

[Contact sales](#)