



Sending Custom Metrics to Splunk IM

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

This 2-day virtual course, targeted towards developers and DevOps, focuses on creating custom metrics to monitor your applications/services with Splunk IM. Learn to instrument applications/services to send in custom metrics that characterize the application of 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.

Course Topics

- Sending Data into Splunk IM
- Describe the Splunk IM Architecture
- Describe the Splunk IM Data Model
- Send Custom Metrics
- Manage Metadata
- Visualize and Alert on Custom Metrics

Course Prerequisites

Required:

- N/A

Class Format

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

Course Modules

Module 1 – Sending Data to Splunk IM

- Describe the Splunk IM real-time streaming architecture
- Describe how Splunk IM can monitor environments
- Describe how to send data from various sources
- Define the use case for sending in custom metrics

Module 2 – Understanding the Splunk IM Data Model

- Describe the components of a SignalFx datapoint
- Describe how metadata is used in Splunk IM
- Differentiate between dimensions, properties and tags
- Differentiate between metric types
- Describe SignalFx events

Module 3 – Sending Custom Metrics into Splunk IM

- Send custom metrics
- Send custom events

- Send in backfill data
- Send in StatsD metrics

Module 4 – Manage Metadata

- Use the API to query for metrics, dimensions, properties and tags
- Define properties, tags on metrics and dimensions
- Modify properties and tags on metrics and dimensions

Module 5 – Visualize and Alert on Custom Metrics

- Create charts on custom dashboards in custom dashboard groups
- Create detectors to monitor issues of interest

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