



# Fundamentals of Metrics Monitoring in Splunk Observability

This course serves as the foundation for all other Splunk Observability courses. It is targeted towards DevOps/SRE/Observability teams, Senior On-call Engineers, Onboarding and Monitoring Strategists and Developers. This 6-hr course provides a fundamental understanding of Metrics Monitoring in Splunk Observability such as the metrics data model and different types of metadata. See how you can interact with data using built-in content, 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:** This course was formerly known as **Splunk Infrastructure Monitoring Fundamentals**. The new course contains additional content and hands-on labs.

## Course Topics

- Define components of the metrics data model
- Discriminate between types of metadata
- Interact with data using built-in content
- 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 live virtual classroom

## Course Objectives

### Topic 1 – Metrics Data Model

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

### Topic 2 – Types of Metrics Metadata

- Discriminate between types of metadata
- Use metadata to segment your data
- Interact with data using the Infrastructure Navigator and built-in dashboards

### Topic 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

### Topic 4 – Using Rollups and Analytic Functions

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

### Topic 5 – Alerting on Metrics

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

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