Kubernetes Monitoring with Splunk Observability Cloud

Category: AI, Data & Analytics | **Vendor:** Splunk

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course is for SREs and DevOps professionals.

In this course, you will learn to monitor and troubleshoot your Kubernetes clusters with the tools available in the Splunk Observability Cloud. Topics include using the Kubernetes Navigators, built-in dashboards, and AutoDetect to monitor the health of your cluster. Create custom dashboards and detectors to monitor and diagnose common Kubernetes trouble conditions.

This lab-oriented class uses discussions and hands-on activities designed to teach best practices and techniques to monitor and troubleshoot Kubernetes clusters. All hands-on labs are performed in the Observability Cloud User Interface.

About This Course

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Who Should Attend

- SREs
- DevOps Engineers

Prerequisites & Entry Requirements

General Prerequisites:

To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:

- Splunk Infrastructure Monitoring Fundamentals (ILT)
- Introduction to Splunk IM (eLearning)
- Basic knowledge of Kubernetes

Additional courses and/or knowledge in these areas are also highly recommended:

- Experience managing a Kubernetes cluster and using it in a production environment

Detailed Course Outline

Module 1 – Exploring Kubernetes Clusters with Splunk Observability Cloud

- Identify common scenarios for monitoring Kubernetes
- Use Kubernetes Navigators to view cluster data
- Describe the Kubernetes resources tracked in Splunk Observability
- Use Kubernetes Dashboards to view cluster data

Module 2 – The Kubernetes Integration

- Explain the value and purpose of the OpenTelemetry project
- Install the Splunk OpenTelemetry Collector using the install wizard
- Describe how the Observability Cloud Collects Kubernetes data
- Identify the components of the Splunk Kubernetes integration

Module 3 – Monitoring Kubernetes with Built-in Content

- Use the Kubernetes Navigators to investigate problems with nodes, pods, and containers
- Use the Kubernetes Analyzer to pinpoint the root of some problems
- Use built-in Kubernetes Dashboards to investigate and troubleshoot
- Use AutoDetect to investigate and troubleshoot

Module 4 – Monitoring Kubernetes with Custom Dashboards and Detectors

- Identify and research metrics used to monitor Kubernetes

- Create custom charts and dashboards to monitor Kubernetes

- Create custom detectors to monitor Kubernetes metrics

Frequently Asked Questions

Q: What delivery options are available for Kubernetes Monitoring with Splunk Observability Cloud?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 1-day Kubernetes Monitoring with Splunk Observability Cloud course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Kubernetes Monitoring with Splunk Observability Cloud training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Kubernetes Monitoring with Splunk Observability Cloud?

Yes, we provide corporate training, dedicated training, and closed classes for Kubernetes Monitoring with Splunk Observability Cloud. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Kubernetes Monitoring with Splunk Observability Cloud, Splunk Observability, KMWS

Q: Why choose Nexus Human for Kubernetes Monitoring with Splunk Observability Cloud?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Kubernetes Monitoring with Splunk Observability Cloud training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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