COURSE TABLE OF CONTENTS

Kubernetes Monitoring with Splunk Observability Cloud

OEM: Splunk • Duration: 1 Day (5 hrs) • Code: SPLK-K8S-MON

COURSE MODULES & TOPICS

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