



Troubleshooting Splunk Enterprise (TSE)

Course ID #: 7000-1112-ZZ-Z

Hours: 7

Course Content

Description:

This 7-hour course is designed for Splunk administrators. It covers topics and techniques for troubleshooting a standard Splunk distributed deployment using the tools available with Splunk Enterprise.

This lab-oriented class is designed to help you gain troubleshooting experience before attending more advanced courses. You will debug a distributed Splunk Enterprise environment using the live system.

This course does not cover the issues surrounding Splunk Cloud, Splunk Clusters, or Splunk premium apps.

Objectives:

Upon successful completion of this course, students will:

- Understand the Splunk Support Model and its resources
- Identify the best practices for troubleshooting Splunk Enterprise
- List ways to gather useful Splunk diagnostic information
- Use Splunk diagnostic tools
- Identify common Splunk technical issues and solve them

Prerequisites:

To be successful, students should have a solid understanding of the following modules:
Splunk Fundamentals 1 (Retired) and Splunk Fundamentals 2 (Retired)

Or the following single-subject modules:

What is Splunk? (Retired), Intro to Splunk, Search Under the Hood, Scheduling Reports & Alerts, Visualizations, Leveraging Lookups and Subsearches (LLS), Intro to Knowledge Objects, Creating Knowledge Objects (CKO), Creating Field Extractions (CFE), Enriching Data with Lookups (EDL), and Data Models (SDM)

Student should also have completed the following modules:

Splunk Enterprise System Administration (SESA) and Splunk Enterprise Data Administration (SEDA)



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Target Audience:

Splunk Administrators

Modules:

Module 1 – Splunk Troubleshooting Methods and Tools

- Describe the Splunk Troubleshooting Approach
- List Splunk Diagnostic Resources and Tools
- Create and Splunk a Diag
- Use RapidDiag

Module 2 – Indexing Problems

- Discover Splunk Deployment Topology and its Server Roles
- Identify Where to Check the Index-Time Pipeline Status
- Use the metrics.log to Clarify the Index-Time Problem

Module 3 – Input Configuration Problems

- Data Input Issues
- Troubleshooting Inputs with the Monitoring Console

Module 4 – Input Configuration Problems

- Deployment Server Issues
- Forwarding and Receiving Issues

Module 4.2 – Indexer Cluster Management Administration

- Peer Offline and Decommission
- Master App Bundles
- Indexer Cluster Storage Utilization Options
- Site Mapping
- Monitoring Console for Indexer Cluster Environment

Module 5 – License, Upgrade, and User Management Problems

- Installation Issues
- Upgrade Considerations
- Splunk Licensing Issues
- Splunk Roles and User Management Issues

Module 6 – Search Head Management Problems

- Troubleshoot Distributed Search Issues
- Identify Job Scheduling Problems
- Learn to Diagnose Crashing Problems
- Describe How to Prioritize Resources for Critical Splunk Processes

Module 7 – KV Store Collection and Lookup Management

- Identify the Types of Search Problems
- Isolate and Troubleshoot Search Problems

Register for this class by visiting us at:

www.tcworkshop.com or by calling us at 800-639-3535

NASBA CPE details are provided on the following pages.



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NASBA Information

Level:

Advanced Preparation:

Attendance Requirement: To be awarded the full credit hours, you must sign in and attend the entire course.

Recommended Field(s) of Study:

Recommended CPEs: 7.80

Policies: Course Registration, Cancellation, Refund, and Complaint Resolution

For more information regarding administrative policies such as complaint and program cancellation policies, please contact our offices at 800-639-3535 or visit us at: www.tcworkshop.com

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NOTE: Since our information is in multiple places on our website or in PDF format that is sent to clients, we have provided our normal course content with the NASBA Information added along with links to our policy page on the web. We will add our name to the Official National Registry Statement after we are approved.