Splunk Enterprise Cluster Administration (SCLA)

Course ID #: 7000-1113-ZZ-Z

Hours: 21

Course Content

Description:
The course provides the fundamental knowledge of deploying and managing Splunk Enterprise in a clustered environment.

Prerequisites:
To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
Intro to Splunk, Using Fields (SUF), Introduction to Knowledge Objects, Creating Knowledge Objects (CKO), Creating Field Extractions (CFE), Splunk Enterprise System Administration (SESA), Splunk Enterprise Data Administration (SEDA), and Troubleshooting Splunk Enterprise (TSE)

Additional courses and/or knowledge in these areas are also highly recommended:
Enriching Data with Lookups (EDL) and Data Models (SDM)

Target Audience:
Splunk Administraors

Topics:

Module 1 – Overview of Large-scale Splunk Deployment
- Identify factors that affect large-scale deployment design
- Describe approaches to scaling Splunk Enterprise
- Configure Splunk License Manager

Module 2 – Deploying Single-site Indexer Clusters
- Identify indexer cluster states
- Define replication factor and search factor
- Implement a single-site indexer cluster

Module 3 – Deploying Multisite Indexer Clusters
- Define site replication factor and site search factor
- Define search affinity
- Implement a multisite indexer cluster

Module 4 – Updating Indexer Cluster Peer Configurations
- Distribute configurations and apps across peers

Module 5 - Managing and Monitoring Indexer Clusters
- Enable replication for clustered indexes
- Configure Monitoring Console for indexer cluster environment

Module 6 – Configuring Indexer Discovery on Forwarders
- Configure indexer discovery
- Configure indexer acknowledgment
- Configure forwarder site failover

Module 7 – Deploying Search Head Cluster
- Configure a search head cluster
- Connect clustered and non-clustered indexers

Module 8 – Managing and Monitoring Search Head Clusters

- Deploy configuration bundles to search head cluster members
- Manage captaincy and member addition, removal and upgrades

Module 9 – Using KV Store in a Search Head Cluster

- Enable KV Store collection replication in a search head cluster
- Monitor KV Store status with Monitoring Console

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.

Splunk Enterprise Cluster Administration (SCLA)

Course ID #: 7000-1113-ZZ-Z

Hours: 21

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: 23.40

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**

Official National Registry Statement:

The Computer Workshop is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional education on the National Registry of CPE Sponsors. State boards of accountancy have final authority on the acceptance of individual courses for CPE credits. Complaints regarding registered sponsors may be submitted to the National Registry of CPE Sponsors through its website: www.nasbaregistry.org

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.