Architecting Splunk Enterprise Deployments (ASED)

Course Content

Description:
This 9-hour course is for architects and others tasked with implementing and managing large enterprise deployments. The course covers Splunk deployment planning, Index and resource planning, an overview of Splunk clustering, forwarder selections and forwarder management, integration with other Splunk and third-party products, performance monitoring and tuning, and Splunk use cases.

Objectives:
Upon successful completion of this course, students will understand:
- Splunk deployment planning
- Index and resource planning
- Clustering Overview
- Forwarder and Deployment
- Integration
- Performance Monitoring and Tuning
- Use Cases

Prerequisites:
To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
Intro to Splunk, Using Fields (SUF), Intro 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), Data Models (SDM), and Splunk Enterprise Cluster Administration (SCLA)

Target Audience:
Splunk Enterprise Architects

Architecting Splunk Enterprise Deployments (ASED)

Course ID #: 7000-1114-ZZ-Z

Hours: 9

Modules:

Module 1 – Splunk Deployment Planning
- Define the responsibilities of a Splunk Architect
- Introduce the Splunk deployment planning process and tools
- Identify the information that is needed for deployment decisions
- Identify use cases
- Provide lists and resources to aid in collecting requirements
- Review the network topology for Buttercup Games

Module 2 – Index Design
- Define index implementation
- Design indexes
- Estimate storage requirements for indexes
- Identify relevant apps and document impact on inputs and indexes

Module 3 – Resource Planning
- Determine sizing based on Splunk usage
- Define reference server requirements for Indexers, Search heads, and other Splunk
- Describe deployment options such as virtualization and cloud
- Describe the impact of acceleration and apps on resource sizing

Module 4 - Clustering Overview
- Review indexer clustering, including single-site and multi-site clusters
- Define clustering requirements, best practice, and SmartStore
- Review search head clustering
- Defined search head clustering requirements and best practices

Module 5 - Forwarder and Deployment Best Practices
- Review forwarder types
- Manage forwarder installation in an enterprise environment using Deployment Server, Cluster Manager, and SHC Deployer

Module 6 - Integration
- Describe and identify integration methods

Module 7 – Performance Monitoring and Tuning
- Use the Monitoring Console (MC) to track the performance of your test environment before going into production
- Identify options to optimize the production environment

Module 8 – Use Cases
- Provide example architecture topologies
- Discuss different architecture options based on use case

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.

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: 0.00

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.