Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Splunk Enterprise Cluster Administration

CODE:	LENGTH:	PRICE:
SPL_SENCLUADM	24 Hours (3 days)	Request Price

Description

This course is for Splunk administrators. The course provides the fundamental knowledge of deploying and managing Splunk Enterprise in a clustered environment.

Audience

Splunk Administrators

Prerequisites

● To be successful, students must have completed these Splunk Education course(s) or have equivalent working knowledge:
○ Intro to Splunk
○ Using Fields
○ Introduction to Knowledge Objects
○ Creating Knowledge Objects ○ Creating Field Extractions
○ Splunk Enterprise System Administration
○ Splunk Enterprise Data Administration
○ Troubleshooting Splunk Enterprise
● Additional courses and/or knowledge in these areas are also highly recommended:
○ Enriching Data with Lookups
○ Data Models

Programme

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 Clusters
● 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

Session Dates

On request. Please contact us

Additional Information

This training is also available as onsite training. Please contact us to find out more.