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 <u>contact us</u>

Additional Information

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