



**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.](#)