Splunk Enterprise Cluster Administration

Category: AI, Data & Analytics | **Vendor:** Splunk

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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

Please note that this class has 13.5 hours of content and may run over three days, with 4.5 hour sessions each day.

About This Course

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Who Should Attend

Splunk administrators.

Prerequisites & Entry Requirements

General 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)
- Troubleshooting Splunk Enterprise (TSE)

Additional courses and/or knowledge in these areas are also highly recommended:

- Enriching Data with Lookups (EDL)
- Data Models (SDM)

Detailed Course Outline

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

Frequently Asked Questions

Q: What delivery options are available for Splunk Enterprise Cluster Administration?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 2-day Splunk Enterprise Cluster Administration course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Splunk Enterprise Cluster Administration training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Splunk Enterprise Cluster Administration?

Yes, we provide corporate training, dedicated training, and closed classes for Splunk Enterprise Cluster Administration. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: Splunk Enterprise Cluster Administration, Splunk Enterprise Administrator, SCLA

Q: Why choose Nexus Human for Splunk Enterprise Cluster Administration?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Splunk Enterprise Cluster Administration training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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