Arrow ECS Finland Oy - Education Services

TRAINING OFFERING

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Splunk 9.0 Cluster Administration

CODE:	LENGTH:	PRICE:
SPL_SCLUA9	15.36 Hours (1.92 days)	€1,500.00

Description

This 3-virtual day course is for an experienced Splunk Enterprise administrator who is new to Splunk Clusters. The course provides the fundamental knowledge of deploying and managing Splunk Enterprise in a clustered environment. It covers installation, configuration, management, and monitoring of Splunk clusters. While Splunk Clusters are supported in Windows environments, the class lab environment is running Linux instances only.

Objectives

- Large-scale Splunk Deployment Overview
- Single-site Indexer Cluster
- Indexer Cluster Management and Administration
- Forwarder Configuration
- Search Head Cluster
- Search Head Cluster Management and Administration
- KV Store Collection and Lookup Management
- SmartStore Implementation Overview

Prerequisites

To be successful, students should have a solid understanding of the following courses:

- Splunk Fundamentals 1
- Splunk Fundamentals 2

OR the following single-subject courses:

- What Is Splunk?
- Intro to Splunk
- Using Fields
- Scheduling Reports and Alerts
- Visualizations
- Leveraging Lookups and Subsearches
- Search Under the Hood
- Introduction to Knowledge Objects
- Creating Knowledge Objects
- Enriching Data with Lookups
- Data Models
- Introduction to Dashboards

Students should also have completed the following courses:

- Splunk System Administration
- Splunk Data Administration
- Troubleshooting Splunk Enterprise

Programme

Module 1 – Splunk Troubleshooting Methods and Tools

- Deployment Design Factors
- How Splunk Enterprise can scale
- Splunk License Master
- Splunk 9.0 Security

Module 2 – Single-site Indexer Cluster

- How Splunk Single-Site Indexer Clusters Work
- Indexer Cluster Components and Terms
- Splunk single-site Indexer Cluster Configuration
- Splunk Indexer Cluster Log Channels

Module 3 – Multisite Indexer Cluster

- How Splunk Multisite Indexer Clusters Work
- Multisite Indexer Cluster Terms
- Multisite Indexer Cluster Configuration
- Optional Multisite Indexer Cluster Configurations

Module 4 – Indexer Cluster Management and Administration

- Peer Offline and Decommission
- Master App Bundles
- Indexer Cluster Storage Utilization Options
- Site Mapping
- Monitoring Console for Indexer Cluster Environment
- Cluster Manager Redundancy

Module 5 – Forwarder Management

- Indexer Discovery
- Optional Indexer Discovery Configurations
- Volume-Based Forwarder Load Balancing

Module 6 – Search Head Cluster

- Search Head Cluster Architecture
- Search Head Cluster Configuration
- Captaincy Identification and Cluster Status
- Search Head Cluster Settings

Module 7 – Search Head Cluster Management

- Search Head Cluster Deployer
- Captaincy Transfer
- Search Head Member Addition and Decommissioning
- Monitoring Console for Search Head Cluster

Module 8 – KV Store Collection and Lookup Management

- KV Store Collection in Splunk Clusters
- KV Store Monitoring with Monitoring Console

Module 9 – Introduction to Smart Store

- SmartStore Deployment Use Cases
- SmartStore Architecture Overview
- Enable SmartStore in Indexer Cluster
- Monitor SmartStore Status

Session Dates

Aikataulutamme kiinnostuksen mukaan. Ota yhteyttä

Additional Information

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