Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Kronborgsgränd 7, 164 46 Kista

Email: edu.ecs.se@arrow.com
Phone: +46 8 555 188 00

Splunk Enterprise Data Administration

CODE:	LENGTH:	PRICE:
SPL_SE9DA	24 Hours (3 days)	kr23,000.00

Description

This 18-hour course is designed for administrators who are responsible for getting data into Splunk Indexers. The course provides the fundamental knowledge of Splunk forwarders and methods to get remote data into Splunk indexers. It covers installation, configuration, management, monitoring, and troubleshooting of Splunk forwarders and Splunk Deployment Server components

Objectives

Description

- Understand sourcetypes
- Manage and deploy forwarders
- Configure data inputs
- Fire monitors
- Network inputs (TCP/UDP)
- Scripted inputs
- HTTP inputs (via the HTTP Event Collector)
- Customize the input phase parsing process
- Define transformations to modify data before indexing
- Define search time knowledge object configurations

Prerequisites

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

- What Is Splunk?
- Intro to Splunk
- Using Fields
- Introduction to Knowledge Objects
- Creating Knowledge Objects
- Creating Field Extractions

OR the following courses:

- Splunk Fundamentals 1
- Splunk Fundamentals 2 (recommended)

Students should also have understand the following course:

- Splunk Enterprise System Administration (recommended)

Programme

Module 1 - Getting Data Into Splunk
Provide an overview of Splunk
Describe the Splunk distributed model
Describe data input types and metadata settings
Configure initial input testing with Splunk Web
Testing indexes with Input Staging

Module 2 - Configuration Files and Apps
Identify Splunk configuration files and directories
Describe index-time and search-time precedence
Validate and update configuration files
Explore Splunk apps and app installation

Module 3 - Configuring Forwarders
Configure Universal Forwarders
Configure Heavy Forwarders
Module 4 - Customizing Forwarders
Configure intermediate forwarders
Identify additional forwarder options

Module 5 - Managing Forwarders
Describe Splunk Deployment Server (DS)
Manage forwarders using deployment apps
Configure deployment clients and client groups
Monitor forwarder management activities
Module 6 - Monitor Inputs
Create file and directory monitor inputs
Use optional settings for monitor inputs
Deploy a remote monitor input
Module 7 - Network Inputs
Create network (TCP and UDP) inputs
Describe optional settings for network inputs

Module 8 - Scripted Inputs
Create a basic scripted input

Module 9 - Agentless Inputs
Configure Splunk HTTP Event Collector (HEC) agentless input
Describe Splunk App for Stream

Module 10 - Operating System Inputs
Identify Linux-specific inputs
Identify Windows-specific inputs

Module 11 - Fine-tuning Inputs
Understand the default processing that occurs during input phase
Configure input phase options, such as source type fine-tuning and character set encoding

Module 12 - Parsing Phase and Data Preview
Understand the default processing that occurs during parsing
Optimize and configure event line breaking
Explain how timestamps and time zones are extracted or assigned to events
Use Data Preview to validate event creation during parsing phase

Module 13 - Manipulating Input Data
Explore Splunk transformation methods
Create rulesets with Ingest Actions
Mask data with Ingest Actions rules
Mask data with SEDCMD and TRANSFORMS

Module 14 - Routing Input Data
Filter data with Ingest Action rules
Route data with Ingest Action rules
Route data with Transforms
Override sourcetype or host based upon event values

Module 15 - Supporting Knowledge Objects
Define default and custom search time field extractions
Identify the pros and cons of indexed time field extractions
Configure indexed field extractions
Describe default search time extractions
Manage orphaned knowledge objects

Session Dates

På begäran, kontakta oss

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.