Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Implementing Splunk IT Service Intelligence 4.11

CODE:	LENGTH:	PRICE:
SPL_ISITI411	32 Hours (4 days)	€2,000.00

Description

This 18 hour course is designed for administrator users who will implement Splunk IT Service Intelligence for analysts to use. The first day includes the day of content from Using Splunk IT Service Intelligence.

Objectives

Description:

- IT Service Intelligence analyst user training
- Deployment and Initial Configuration
- Designing, Implementing Services and Searches
- Defining and Adding Entities
- Defining Service Templates, and User Access
- Using Predictive Analytics
- Customization, Maintenance, Troubleshooting
- Creating and Defining Correlation Searches and Event Aggregation

Prerequisites

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

- Splunk Fundamentals 1
- Splunk Fundamentals 2
- Splunk Fundamentals 3
- Advanced Searching and Reporting

Or the following single-subject courses

- What is Splunk
- Intro to Splunk
- Using Fields
- Scheduling Reports and Alerts
- Visualizations
- Working with Time
- Leveraging Lookups and Sub-searches
- Correlation Analysis
- Search Under the Hood
- Search Optimization
- Introduction to Knowledge Objects
- Creating Knowledge Objects
- Creating Field Extractions
- Enriching Data with Lookups
- Data Models
- Introduction to Dashboards
- Dynamic Dashboards

Students should also have completed the following courses

- Splunk Enterprise System Administration
- Splunk Enterprise Data Administration

Programme

Using Modules 1-4

- 1-Navigating ITSI Cloud and Service Analyzers
- 2-Visualinzing Services with Glass Tables
- 3--Investigate Issues with Deep Dives
- 4-Managing Episodes

roles
Module 1 - Deployment and Initial Configuration

- Understand IT Service Intelligence licensing
- Describe factors affecting IT Service Intelligence performance
- Identify IT Service Intelligence components
- Configure IT Service Intelligence roles
- Configure IT Service Intelligence modules
- Describe IT Service Intelligence deployment options
- List IT Service Intelligence hardware recommendations
- Describe the installation procedure
- Understand IT Service Intelligence licensing
- Describe factors affecting IT Service Intelligence performance
- Identify IT Service Intelligence components
- Configure IT Service Intelligence roles
- Configure IT Service Intelligence modules

Module 2 - Designing Services

- Giving customer requirements, plan ITSI services
- Design service KPI properties, such as schedules, importance, and thresholds
- Identify entity-oriented KPIs
- Identify dependencies between services

Module 3 - Data Audit and Base Searches

- Analyze a data environment based on implementation requirements
- Identify necessary data sources for KPIs
- Plan data intake for IT Service Intelligence configuration
- Implement base searches to support service design

Module 4 - Implementing Services

- Use a service design to implement services in IT Service Intelligence
- Create KPIs using base searches
- Configure basic KPI settings for calculation and aggregation
- Configure KPI lag and backfill
- Set KPI importance
- Calculate service health score

Module 5 - Thresholds and Time Policies

- Configure KPI thresholds
- Use aggregate and entity-level thresholds
- Use static and adaptive thresholds
- Apply time policies to thresholds
- Create custom threshold templates

Module 6 - Entities and Modules

- Add KPIs to services from modules
- Identify good use cases for entities
- Define entities in services
- Use entities in KPI searches
- Use pseudo entities in KPI searches

Module 7 - Templates and Dependencies

- Define service template use cases
- Create service templates

- Create new services from templates
- Create dependencies between services

Module 8 - Anomaly Detection and Predictive Analytics

- Define anomaly detection capabilities
- Configure anomaly detection for KPIs
- Configure predictive analytics for services

Module 9 - Access Control

- Identify ITSI roles and capabilities
- Describe service level roles and team ownership
- Modify ITSI menu options
- Control access to ITSI views

Module 10 - Customization, Maintenance, Troubleshooting

- Use backup and restore tools
- Install content packs
- Use maintenance mode for services and entities
- Understand the ITSI REST interface
- ITSI troubleshooting

Module 11 - Correlation Searches and Multi-KPI Alerts

- Define new correlation searches
- Define Multi-KPI alerts
- Manage notable event storage

Module 12 - Aggregation Policies

- Define aggregation policy capabilities
- Modify the default aggregation policy
- Understand Smart Mode
- Create new aggregation policies
- Use aggregation policies to automate notable event response

Session Dates

On request. Please contact us

Additional Information

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