

Splunk Enterprise Certified Admin Training Course

Splunk Enterprise Certified Admin validates your ability to manage and troubleshoot Splunk deployments, ensuring optimal performance and data security in IT environments.

 DATA-202

Course Outcomes

Professional, practical, & hands-on live instructor-led training

Further your skills and graduate as a certified professional, with the skills, experience, and job-search know how to get your career started.

 Start Today

Potential Career Tracks

Splunk Administrator

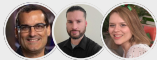
IT Systems Administrator

Data Analyst

SOC Analyst

Network Manager

IT Operations Manager



Taught by Industry Veterans &
World Class Instructors

Introduction to Splunk Enterprise Certified Admin

Course Overview

The Splunk Enterprise Certified Admin Training Course at Intellectual Point is tailored to equip you with the essential skills and knowledge required to proficiently manage and configure a Splunk Enterprise environment. This comprehensive program covers everything from configuring Splunk indexes and managing data inputs to setting up and managing users and security within a Splunk deployment. With an emphasis on hands-on labs and real-world exercises, the course prepares you to handle administrative tasks efficiently and ensures readiness for the Splunk Enterprise Certified Admin exam. You will also explore advanced topics such as data management and system monitoring to enhance your operational capabilities.

Throughout the training, you will delve into configuration of Splunk components, learn data loading techniques, and apply best practices for maintaining a reliable Splunk deployment. The course emphasizes practical skills like index management and troubleshooting through interactive labs. By the end, you will have a robust understanding of how to deploy, manage, and support a Splunk implementation efficiently.

Obtainable Skills

Splunk Environment Configuration

Index and Data Input Management

User and Role Management

Security Configuration

Data Loading Techniques

System Monitoring and Troubleshooting

Splunk Deployment Best Practices

Operational Efficiency in Splunk

Certification Exam Preparation

Course Insights

Audience Profile

This course is designed for IT professionals, particularly system administrators and IT managers, who are responsible for managing and maintaining Splunk environments. It is particularly suited for individuals with experience in system administration and network management who are looking to transition into roles involving data analytics and system monitoring using Splunk. This course is also ideal for aspiring Splunk administrators who wish to validate their skills with a certified credential and enhance their career prospects in the IT and data analytics sectors.

Course Outcomes

By the end of this course, participants will:

1 Successfully configure and manage Splunk components and deployments.

2 Optimize index settings and data inputs to ensure system performance.

3 Implement effective security measures by managing users and roles proficiently.

4 Enhance operational stability through best practices in system monitoring and troubleshooting.

5 Prepare confidently for the Splunk Enterprise Certified Admin exam to validate expertise.

Module by Module Learning *Outline*

6 Modules

Module 1: Introduction to Splunk and Environment Configuration

Learning Objectives:

- Understand the fundamentals of Splunk and its architecture.
- Learn how to configure and manage Splunk environments.

Topics Covered

Overview of Splunk Architecture:

- Key components: Indexers, search heads, and forwarders.
- Splunk data flow and indexing process.

Initial Splunk Environment Setup:

- Installing and configuring Splunk software.
- Configuring basic system settings and preferences.

Module 2: Managing Splunk Indexes and Data Inputs

Learning Objectives:

- Master index configuration and data input techniques.
- Ensure optimal data management and system performance.

Topics Covered

Index Management:

- Creating and configuring indexes.
- Understanding index retention and storage considerations.

Data Input Techniques:

- Configuring file and directory inputs.
- Managing network inputs and monitoring protocols.

Module 3: User and Role Management in Splunk

Learning Objectives:

- Learn to manage users and roles within Splunk for security and efficiency.
- Implement effective security practices in a Splunk deployment.

Topics Covered

User Management:

- Creating and managing Splunk user accounts.
- Understanding user authentication and access controls.

RoleBased Access Control:

- Configuring roles and permissions.
- Ensuring data security and compliance in Splunk.

Module 4: Advanced Data Management and System Monitoring

Learning Objectives:

- Explore advanced techniques for data management and system monitoring.
- Enhance operational stability and performance in Splunk.

Topics Covered

Advanced Data Management:

- Optimizing data storage and retrieval.
- Implementing data retention policies.

System Monitoring and Health Checks:

- Utilizing Splunk monitoring console.
- Performing routine health checks and performance tuning.

Module 5: Best Practices and Certification Preparation

Learning Objectives:

- Apply best practices for optimal Splunk deployment and management.
- Prepare for the Splunk Enterprise Certified Admin exam.earning Objective #2

Topics Covered

Deployment Best Practices:

- Implementing efficient deployment strategies.
- Maintaining operational efficiency and reliability.

Exam Preparation Strategies:

- Reviewing key concepts and skills.
- Practicing with mock exams and sample questions.