

# ECSS - ENHANCING CISCO SECURITY SOLUTIONS WITH SPLUNK V1.0

Course Code: 860043

The **Enhancing Cisco Security Solutions with Splunk (ECSS)** training covers intermediate-level knowledge of Splunk, including its fundamentals, key components, and architecture so you can detect, investigate, and respond to security threats effectively. You'll learn to utilize various Splunk components, including Splunk Enterprise, Splunk SIEM, and Splunk SOAR. You'll also discover how to use and troubleshoot the Cisco Security Cloud App, Cisco Legacy Apps, and technology add-ons (TAs) for integrating Cisco security solutions with Splunk for enhancing user, cloud, and breach protections.

**This training also earns you 32 Continuing Education (CE) credits toward recertification.**

## What You'll Learn

After completing this course, you should be able to:

- Explain the Splunk Enterprise/Cloud fundamentals
- Explain the use of SIEM, SOAR as part of the modern SOC architecture to enhance the SOC's ability to detect, investigate, and respond to security threats effectively
- Implement Cisco Security Solutions to Splunk Integration using the Cisco Security Cloud App
- Implement Cisco Security Solutions to Splunk Integration using Cisco Legacy Apps and TAs
- Illustrate the value of integrating Cisco security solutions with Splunk using real-world use cases
- Troubleshoot the Cisco Security Cloud App and the Cisco Apps and TAs

## Who Needs to Attend

- System Engineers
- SOC Engineers
- Network Architects

## Prerequisites

There are no prerequisites for this training. However, the knowledge and skills you are recommended to have before attending this training are:

- Cisco CCNP Security or equivalent knowledge

These skills can be found in the following offering:

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VIRTUAL CLASSROOM LIVE

\$5,795 CAD

5 Day

## Virtual Classroom Live Outline

- Overview of Splunk Enterprise and Splunk Cloud
- Splunk Enterprise and Splunk Cloud Components
- Splunk Enterprise Data Ingestion
- Splunk Search Programming Language
- Splunk Dashboards and Reports
- XDR, SIEM, and SOAR Platforms
- Cisco XDR, Splunk SIEM, and Splunk SOAR
- Cisco Security Cloud App
- Cisco Secure Firewall Integration
- Cisco Splunk Enterprise Integration
- Cisco Secure Malware Analytics, Duo, Secure Network Analytics, Email Threat Defense, and Multicloud Defense Integrations
- Cisco Security Legacy Apps and Technology Add-Ons
- Cisco ISE Integration
- Cisco NVM Integration
- Cisco Security Solutions and Splunk Use Case
- Cisco Splunk Use Case
- Troubleshoot General Splunk Issues
- Troubleshoot Cisco Security Cloud App
- Troubleshoot Cisco Legacy Apps and Add-ons

Oct 26 - 30, 2026 | 9:00 AM - 5:00 PM EDT

Jan 25 - 29, 2027 | 8:30 AM - 4:30 PM EST

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ON-DEMAND

\$1,200 CAD

## On-Demand Outline

### Skills You'll Learn

- Learn how to utilize Splunk to detect, investigate, and respond to security threats effectively
- Explore key components of Splunk, including Cisco XDR, Splunk SIEM, and Splunk SOAR
- Discover how to use the Cisco Security Cloud App, Cisco Legacy Apps, and TAs for Splunk integration

### Learning Objectives

1. Basics of Observability: Outline the value, functionalities, and key components (forwarder, indexer, search head, Splunk Search Processing Language (SPL), Apps and Add-Ons, Dashboards and Reports) of Splunk Enterprise and Splunk Cloud.
2. Cisco XDR, Splunk SIEM, Splunk SOAR: Explain the use of XDR, SIEM, and SOAR as part of the modern SOC architecture to enhance the SOC's ability to detect, investigate, and respond to security threats effectively. Describe the functionality and use case of Cisco XDR, Splunk SIEM, and Splunk SOAR.
3. Cisco Security Cloud App: Implement Cisco security solutions to Splunk integration using the Cisco Security Cloud App.
4. Cisco Security Legacy Apps and Technology Add-Ons: Implement Cisco Security Solutions to Splunk Integration using Cisco Legacy Apps and TAs.
5. Cisco Security with Splunk Use Cases: Demonstrate the value of integrating Cisco security solutions with Splunk for enhancing user, cloud, and breach protections.
6. Cisco Apps Troubleshooting and Tuning: Troubleshoot the Cisco Security Cloud App and the Cisco Legacy Apps and TAs.

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Date created: 5/24/2026 4:57:43 AM

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