Using Splunk Enterprise Security (USES)

ID USES **Prix** CHF 1 650,– (Hors Taxe) **Durée** 2 jours

Cette formation prépare à la/aux certifications

Splunk Certified Cybersecurity Defense Analyst (SCCDA)

Pré-requis

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

- Intro to Splunk
- Intro to Splunk (ITS)
- Using Fields (SUF)
- Visualizations (SVZ)
- Search Under the Hood (SUH)
- Intro to Knowledge Objects (IKO)
- Introduction to Dashboards (ITD)

Objectifs

- ES concepts, features, and capabilities
- Security monitoring and Incident investigation
- Use risk-based alerting and risk analysis
- Assets and identities overview
- Creating investigations and using the Investigation Workbench
- Detecting known types of threats
- Monitoring for new types of threats
- Using analytical tools and dashboards
- Analyze user behavior for insider threats
- Use threat intelligence tools
- Use protocol intelligence

Contenu

Module 1 - Getting Started with ES

- Describe the features and capabilities of Splunk Enterprise Security (ES)
- Explain how ES helps security practitioners prevent, detect, and respond to threats
- Describe correlation searches, data models and notable events
- Describe user roles in ES
- Log into Splunk Web and access Splunk for Enterprise Security

Module 2 - Security Monitoring and Incident Investigation

- Use the Security Posture dashboard to monitor ES status
- Use the Incident Review dashboard to investigate notable events
- Take ownership of an incident and move it through the investigation workflow
- Create notable events
- Suppress notable events

Module 3 – Risk-Based Alerting

- Give an overview of Risk-Based Alerting
- View Risk Notables and risk information on the Incident Review dashboard
- Explain risk scores and how to change an object's risk score
- Review the Risk Analysis dashboard
- Describe annotations
- Describe the process for retrieving LDAP data for an asset or identity lookup

Module 4 – Assets & Identities

- Give an overview of the ES Assets and Identities framework
- Show examples where asset or identity data is missing from ES dashboards or notable events
- View the Asset & Identity Management Interface
- View the contents of an asset or identity lookup table

Module 5 – Investigations

- Use investigations to manage incident response activity
- Use the investigation workbench to manage, visualize and coordinate incident investigations
- Add various items to investigations (notes, action history, collaborators, events, assets, identities, files and URLs)
- Use investigation timelines, lists and summaries to document and review breach analysis and mitigation efforts

Module 6 – Security Domain Dashboards

- Describe the ES security domains
- Use the Security Domain dashboards to troubleshoot various security threats
- Learn how to launch the Security Domain dashboards from Incidents Review and from a notable event Action menu

Module 7 – User Intelligence

- Understand and use user activity analysis
- Use investigators to analyze events related to an asset or identity
- Use access anomalies to detect suspicious access patterns

Module 8 – Web Intelligence

- Use the web intelligence dashboards to analyze your network environment
- Filter and highlight events

Module 9 – Threat Intelligence

- Give an overview of the Threat Intelligence framework and how threat intel is configured in ES
- Use the Threat Activity dashboard to see which threat sources are interacting with your environment
- Use the Threat Artifacts dashboard to examine the status of threat intelligence information in your environment

Module 10 – Protocol Intelligence

- Explain how network data is input into Splunk events
- Describe stream events
- Give an overview of the Protocol Intelligence dashboards and how they can be used to analyze network data

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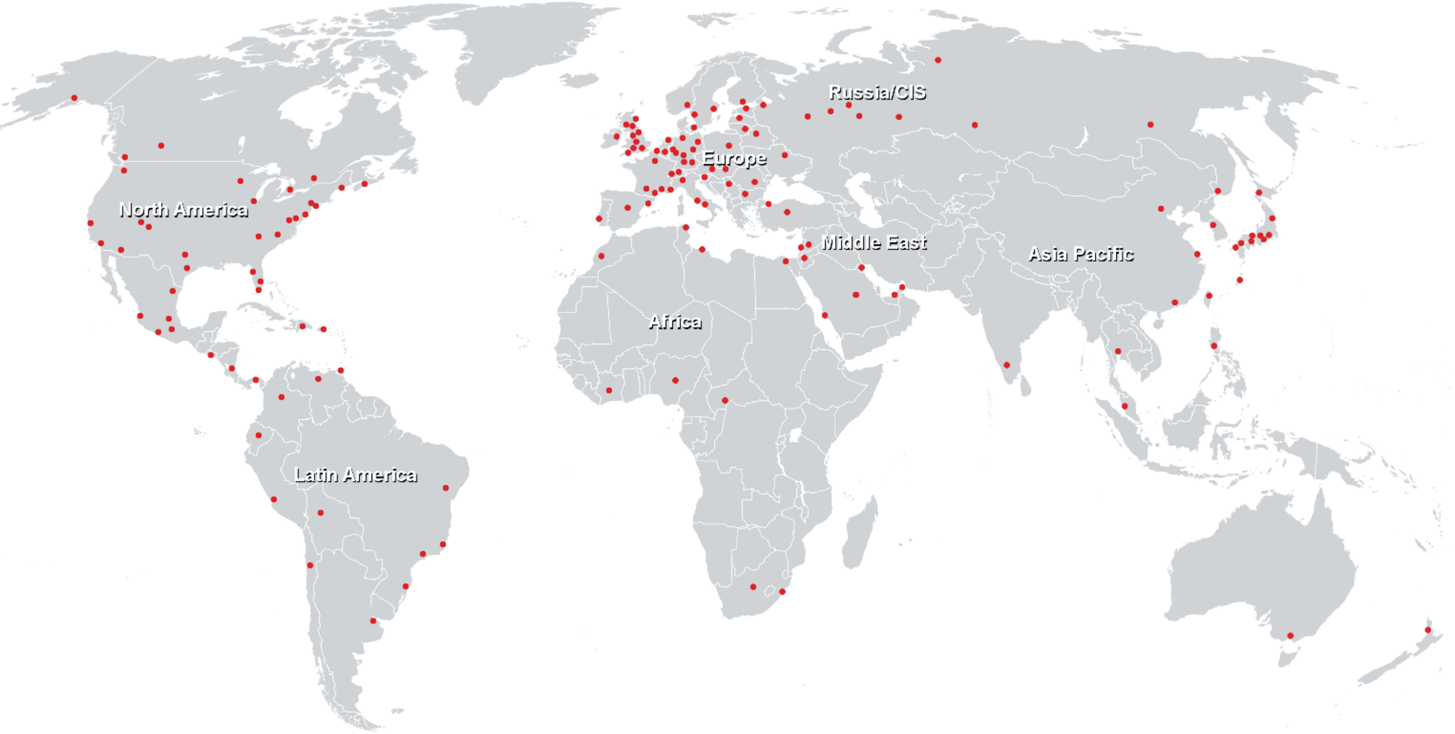

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