Course Name: Using Splunk Enterprise Security

Duration: 16 Hours

Module 1 -ES Fundamentals

- Explain the function of a SIEM
- Give an overview of Splunk Enterprise Security (ES)
- Understand how ES uses data models
- Describe detections and findings
- Identify ES roles and permissions
- Give an overview of ES navigation

Module 2 -Exploring the Analyst Queue

- Explore the Analyst Queue
- Filtering
- Triage Findings and Finding Groups
- Create ad hoc Findings
- Suppress Findings from the Analyst Queue

Module 3 -Working with Investigations

- Give an overview of an investigation
- Demonstrate how to create an investigation
- Use Response Plans
- Add Splunk events to an investigation
- Use Playbooks and Actions

Module 4 -Risk-based Alerting

- Give an overview of risk and Risk-Based Alerting (RBA)
- Explain risk scores and how to change an entity's risk score
- Review the Risk Analysis dashboard
- Describe annotations
- View risk information in Analyst Queue findings

Module 5 - Assets & Identities

- Give an overview of the ES Assets and Identities (A&I) framework
- Show where asset or identity data is missing from ES findings or dashboards
- View the A&I Management Interface
- View the contents of an asset or identity lookup table
- Identify A&I field matching criteria

Module 6 - Adaptive Responses

- Describe Adaptive Responses
- Identify the default ES Adaptive Responses
- Discuss Adaptive Response invocation methods
- Troubleshoot Adaptive Response issues Module

7 - Security Domain Dashboards

- Use ES to inspect events containing information relevant to active or past incident investigation
- Identify ES Security Domains
- Use the Security Domain dashboards
- results Launch Security Domain dashboards from the Analyst Queue and from field action menus in search

Module 8 - Intelligence Dashboards

- Use the Web Intelligence dashboards to analyze your network environment
- Filter and highlight events
- Understand and use User Intelligence dashboards
- Use Investigators to analyze events related to an asset or identity
- Use Access Anomalies to detect suspicious access patterns

Module 9 - Threat Intelligence

- Give an overview of the Threat Intelligence framework
- Identify where Threat Intelligence is configured
- Observe Threat Findings
- View downloaded Threat Indicators
- Troubleshooting Threat Intelligence

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