

The Cybersecurity Landscape

Summary

The Cybersecurity Landscape is the first of three courses in the Defense Analyst learning path that serve as an introduction to the world of cybersecurity. These courses are intended for learners who want to begin or advance a career as a Security Analyst within a SOC. This course includes important foundational cybersecurity concepts and activities to help develop skills important for successful Cybersecurity Analysts.




This is an e-learning course that combines videos with activities and knowledge checks. A quiz is available at the end and is required for course completion.

At the end of this course you should be able to:

- Identify some historic, high profile security events
- Understand the cost and impact of security incidents
- Identify the security concepts surrounding information assurance
- Describe the key cybersecurity concepts of confidentiality, integrity and availability
- Recognize common cybersecurity industry standards, controls and frameworks
- Follow a basic risk management process

Prerequisites

- To be successful students should have a basic understanding of common cyber technologies and concepts including:
 - OSI Model
 - Networking concepts and common security tools
 - Common Operative Systems like Windows and Linux

	Format: <ul style="list-style-type: none">• Self-paced eLearning
	Self-paced Estimated Duration: 3 Hours
	Audience: <ul style="list-style-type: none">• SOC Analysts

Course Outline

Module 1 – How did we get here?

- A little history
- Costs and risks

Module 2 – Understanding Cybersecurity

- What is Cybersecurity?
- Data and Identities
- Assets, attack surface and cyber teams
- Compliance and regulations

Module 3 – Managing Risk

- Risk and risk management
- Measuring and managing risk
- Successfully talking about risk
- Frameworks and controls

The Cybersecurity Defense Analyst Learning Path

This course is part of a learning path that can help learners prepare for the role of a SOC Analyst and for the [Splunk Certified Cybersecurity Defense Analyst exam](#). The learning path includes the following courses:

1. The Cybersecurity Landscape
2. Understanding Threats and Attacks
3. Security Operations and the Defense Analyst
4. Data and tools for Defense
5. The Art of Investigation
6. SOC Essentials: Investigating with Splunk
7. SOC Essentials: Introduction to Threat Hunting

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To contact us, email education@splunk.com.

