



# The Cybersecurity Landscape

The **Blue Team Academy** is a Splunk Education initiative that combines industry and Splunk product learning in a single place with the goal to fill in the skills gap present across the industry today. The journey of the Blue Team Academy begins with the **Cybersecurity Defense Analyst**. This course is part of a learning path that can help learners prepare for the **Splunk Certified Cybersecurity Defense Analyst** exam.

The **Cybersecurity Landscape** course is the first in this path and serves as an introduction to the cybersecurity world for anyone who wants to begin or grow a career as a Security Analyst within a SOC. It includes important concepts that can be the foundation of a career in cybersecurity as well as activities to develop skills that we have seen in successful Cybersecurity Analysts.

## Course Topics

- How did we get here?
  - A little history
  - Costs and risks
- Understanding Cybersecurity
  - What is cybersecurity?
  - Data and Identities
  - Assets, attack surface and Cyber Teams
  - Compliance and regulations
- Managing Risk
  - Risk and risk management
  - Measuring and managing risk
  - Successfully talking about risk
  - Frameworks and controls

## Prerequisite Knowledge

It is recommended to 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

## Course Format

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

Estimated completion time: 3 hours.

## Course Objectives

**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 goals of confidentiality, integrity and availability
- Recognize common cybersecurity industry standards, controls and frameworks.

- Follow a basic risk management process

**You will also practice the following skills:**

- Researching
- Constant learning
- Communicating effectively
- Learning to prioritize

## About Splunk Education

Splunk classes are designed for specific roles such as Splunk Administrator, Developer, User, Knowledge Manager, or Architect.

### Certification Tracks

Our certification tracks provide comprehensive education for Splunk customer and partner personnel according to their areas of responsibility.

To view all Splunk Education's course offerings, or to register for a course, go to <http://www.splunk.com/training>

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