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The Evolution of Cybersecurity

Welcome

To complete this course, you must successfully complete the lessons and pass the quizzes, each with a score of 80% or better. After completing the lessons, the quizzes, and the course rating, you will be able to download your course completion certificate. Please allow up to **72 hours** for your course completion certificate to become available.

Renewals: NSE level certifications expire after 24 months. If your NSE 1 level certification has expired, you may renew your certification by taking all the lessons in this course and passing all the quizzes. While most of the content may be similar to your prior experience in this course, there is some new content. When you view the course for renewal, each quiz will have a green check-mark, indicating that the quiz has been completed. Simply take each quiz again and the system will record your activity and renew your certification when you pass.

Need Help?

If you have any questions about our courses and certification program, please refer to the [Network Security Expert \(NSE\) Program](#) site. This site includes access to our **FAQ** and **NSE Guide**.

If you have any questions about your registration, or difficulty accessing the course, please contact your regional training team:

- Americas: training@fortinet.com
- Asia, Pacific, India: apactraining@fortinet.com
- Europe, Middle East, Africa: emeatraining@fortinet.com

We recommend using Chrome and follow the [browser recommendations](#) before starting the course.

[Note: Closed Captions are available by clicking on the "CC" button on the video player.]

SOAR

In this lesson, you will learn what SOAR is and how it benefits network security. In networks where the complexity and manual tasks delay responses to cyber-attacks, SOAR automates an orchestrated response, which ensures a timely neutralization of an attack or breach and relief to teams who suffer from a skills shortage.

▼ [2 modules](#)

▶ Lesson [6:30]

⋮ SOAR Quiz

Cloud Security

In this lesson, we explore the mysterious "cloud", what it really is, how it came to be, and some of the security issues that we encounter there.

▼ [2 modules](#)

▶ Lesson [6:08]

Cloud Security Quiz

SD-WAN

In this lesson, we'll take a look at how organizations with multiple locations have traditionally connected their networks together, and how the internet and other advances allow them to save money and be much more flexible.

▼ [2 modules](#)

 Lesson [7:11]

 SD-WAN Quiz

Endpoint

In this lesson, you will learn about how the rise of personal computers led to an explosion in the quantity of malware attacks and how endpoint software solutions were created to protect users from those attacks. Over time, the scope of endpoint solutions has expanded to include much more than just anti-virus.

▼ [2 modules](#)

 Lesson [5:50]

 Endpoint Quiz

Threat Intelligence Services

In this lesson, you will learn how security vendors collect threat information from various sources and provide access to that collected knowledge to detect not only malware, but all sorts of bad behaviors.

▼ [2 modules](#)

 Lesson [5:40]

 Threat Intelligence Services

Firewall

In this lesson, you will learn how firewalls were created to solve early network security problems and how, as those problems changed, firewall technology has adapted to keep networks protected.

▼ [2 modules](#)

 Lesson [5:50]

 Firewall Quiz

Network Access Control

In this lesson, you will learn about technologies that identify what's on your network in order to control which devices can connect and which devices are blocked.

▼ [2 modules](#)

▶ Lesson [6:10]

⋮ Network Access Control Quiz

Sandbox

In this lesson, you will learn about a security technology that can detect threats that have never been detected before.

▼ [2 modules](#)

▶ Lesson [6:20]

⋮ Sandbox Quiz

Secure Email Gateway

In this lesson, you will learn how email can be used for malicious purposes, and the security technologies that can detect friend from foe.

▼ [2 modules](#)

▶ Lesson [6:10]

⋮ Secure Email Gateway Quiz

Security Information & Event Management

In this lesson, you will learn about how knowledge gained from network devices and services can be used to both detect bad behaviors as they happen, and also provide rich historical data to show what happened in the past.

▼ [2 modules](#)

▶ Lesson [6:10]

⋮ Security Information & Event Management Quiz

Web Application Firewall

In this lesson, you will learn about the security technologies specifically designed to protect web services.

▼ [2 modules](#)

▶ Lesson [7:10]

⋮ Web Application Firewall Quiz

Web Filter

In this lesson, you will learn about security technologies that can, based on policies, recognize the type of content served up by a website, and then determine whether or not it can be accessed by network clients.

▼ [2 modules](#)

 Lesson [4:20]

 Web Filter Quiz

Wi-Fi

In this lesson, you will learn about the technology that connects devices wirelessly, and the security issues they raise.

▼ [2 modules](#)

 Lesson [10:20]

 Wi-Fi Quiz

Content Feedback

Click the link below to complete a short course rating (4 questions).

▼ [1 modules](#)

 [Training Customer Satisfaction Feedback](#)

Course Completion Criteria

Your course completion certificate will be available to download within **72 hours** after completing the lesson, the quiz, and the course rating.

It will appear below once it is ready.

▼ [1 modules](#)

 [Course Completion Certificate](#)

You are logged in as Andrew Reese (Log out)