

EDUCATION PATHWAY

Cloud Security



Training Institute

The purpose of Education Pathways is to create a career map through Fortinet's Training Institute learning, allowing individuals to navigate their educational journey from curriculum to careers. This education pathway focuses on Cloud Security and the potential job opportunities that exist around the technology.

Cloud Security

As cloud adoption accelerates, organizations are increasingly reliant on cloud-based services and infrastructures. Yet, organizations often end up with a heterogeneous set of technologies in use, with disparate security controls in various cloud environments. Fortinet Cloud Security solutions provide the necessary visibility and control across cloud infrastructures, enabling secure applications and connectivity from data center to cloud.

Workforce Framework for Cybersecurity (NICE Framework)

The National Initiative for Cybersecurity Education (NICE) Workforce Framework for Cybersecurity (NICE Framework), published by the National Institute of Standards and Technology (NIST) in NIST Special Publication 800-181, is a nationally focused resource that establishes a common lexicon to describe cybersecurity work, and workers, regardless of where, or for whom, the work is performed.

NICE Framework—Work Roles

Work Roles act as the most detailed groupings of cybersecurity work comprised of specific knowledge, skills, and abilities (KSAs) required to perform tasks. Work Roles are not specific job titles.



Fortinet Training Institute courses and exams for the Cloud Security education pathway align to the following NICE Framework Work Roles.

	Introduction to the Threat Landscape	Technical Introduction to Cybersecurity	FortiGate Operator	FortiGate Administrator	Cloud Security for AWS	Cloud Security for Azure	FortiMail	FortiWeb	Public Cloud Security
Cyber Defense Infrastructure Support Specialist PR-INF-001	✓	✓	✓	✓	✓	✓	✓	✓	✓
Enterprise Architect SP-ARC-001	✓	✓	✓	✓					✓
Network Operations Specialist OM-NET-001	✓	✓	✓	✓	✓	✓	✓	✓	✓
Security Architect SP-ARC-002	✓	✓	✓	✓	✓	✓			✓
System Administrator OM-ADM-001	✓	✓	✓	✓			✓	✓	
Technical Support Specialist OM-STS-001	✓	✓	✓	✓	✓	✓	✓	✓	✓

NSE Certifications

Below is a list of all the NSE certifications along with requirements to achieve your certification. Click on the “Learn More” links to access the self-paced courses and see detailed information on requirements, prerequisites, recertification, duration of courses and labs, class schedules and more.

Fortinet Certified Fundamentals in Cybersecurity [Learn More](#)

The Fortinet Certified Fundamentals (FCF) in Cybersecurity certification validates that you have mastered the technical skills and knowledge that are required for any entry-level job role in cybersecurity. This curriculum will offer courses that cover today's threat landscape and the fundamentals of cybersecurity.

Candidates must successfully complete the core course and one elective course. This certification is valid for two years from completion of the second course.

CORE COURSE

Introduction to the Threat Landscape [Learn More](#)

In this course, candidates will learn about the cyberthreat landscape. This landscape includes the threats that endanger computer networks, the cast of bad actors who are behind these threats, and the cybersecurity first principles that, if followed, can keep you and your computer network safe.

ELECTIVE COURSES

Getting Started in Cybersecurity [Learn More](#)

This course is ideal for individuals in non-technical job positions that require a high-level understanding of the most important technical fundamentals of cybersecurity. Examples of those job roles are security product salespeople and company CEOs.



Technical Introduction to Cybersecurity [Learn More](#)

This course is ideal for individuals in technical roles that require a more in-depth understanding of the fundamentals of cybersecurity. This course is also ideal for people that want to pursue a technical job in cybersecurity.

Fortinet Certified Associate in Cybersecurity [Learn More](#)

The Fortinet Certified Associate (FCA) in Cybersecurity certification validates your ability to execute high-level operations on a FortiGate device. This curriculum covers the fundamentals of operating the most common FortiGate features.

There is one certification within the FCA level. To achieve this certification, candidates must complete the FortiGate Operator course and pass the exam. The FCA certification is valid for two years from the date of passing the FortiGate Operator exam.

FortiGate Operator [Learn More](#)

In this course, candidates will learn how to harden the security of your network by using the most common FortiGate features. Through demos and interactive simulations, you will learn how to perform basic operation tasks on FortiGate.

Fortinet Certified Professional in Public Cloud Security [Learn More](#)

The Fortinet Certified Professional (FCP) in Public Cloud Security certification validates your ability to secure cloud applications by deploying, managing, and monitoring Fortinet public cloud products. This curriculum will cover the day-to-day tasks related to Fortinet public cloud devices and VMs.

You must pass one core exam and one elective exam.

CORE EXAMS

Cloud Security for AWS

Cloud Security for Azure

ELECTIVE EXAMS

FortiGate Administrator

FortiMail

FortiWeb

RECOMMENDED TRAINING

Cloud Security for AWS SKU: FT-AWS-CDS [Learn More](#)

In this course, candidates will learn about the different components that make up the Amazon Web Services (AWS) infrastructure and the security challenges these environments present, including high availability (HA), autoscaling, and software-defined networking (SDN) connectors, and how to manage traffic in the cloud with Fortinet products.

Cloud Security for Azure SKU: FT-AZR-CDS [Learn More](#)

In this course, candidates will learn about the different components that make up the Microsoft Azure infrastructure and the security challenges these environments present, including high availability (HA), autoscaling, and software-defined networking (SDN) connectors, and how to manage traffic in the cloud with Fortinet products.

FortiGate Administrator SKU: FT-FGT-ADM [Learn More](#)

In this course, candidates will learn how to protect their networks using the most common FortiGate features.



FortiGate Immersion SKU: FT-NSE4-IMM [Learn More](#)

In this lab-only course, available for purchase only, candidates are assigned a series of do-it-yourself (DIY) configuration tasks in a virtual lab environment.

FortiMail SKU: FT-FML [Learn More](#)

In this course, candidates will learn how to use FortiMail to protect their network from existing email-borne threats.

FortiWeb SKU: FT-FWB [Learn More](#)

In this course, candidates will learn how to deploy, configure, and troubleshoot the Fortinet web application firewall.

Fortinet Certified Solution Specialist in Public Cloud Security [Learn More](#)

The Fortinet Certified Solution Specialist (FCSS) in Public Cloud Security certification validates your ability to design, administer, monitor, and troubleshoot Fortinet public cloud solutions. This curriculum covers public cloud infrastructures using advanced Fortinet solutions.

You must pass the core exam.

CORE EXAM**Public Cloud Security****RECOMMENDED TRAINING****Public Cloud Security** SKU: FT-PUB-CDS [Learn More](#)

In this course, candidates will learn about the different components that make up the infrastructures of the top public cloud providers, and the security challenges these environments present.

Learn more about our [NSE Certification Program](#)



www.fortinet.com