Zero Trust Access
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 Zero Trust Access and the potential job opportunities that exist around the technology.

Zero Trust Access

As users continue to work from anywhere and IoT devices flood networks and operational environments, continuous verification of all users and devices as they access corporate applications and data is needed. To protect networks and applications, network administrators must implement a zero-trust access approach and provide the least access privileges. Implementing zero-trust access includes requiring strong authentication capabilities, powerful network access control tools, and pervasive application access policies.

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 Zero Trust Access education pathway align to the following NICE Framework Work Roles.

<table>
<thead>
<tr>
<th>Work Role</th>
<th>Introduction to the Threat Landscape</th>
<th>Technical Introduction to Cybersecurity</th>
<th>FortiGate Operator</th>
<th>FortiGate Security</th>
<th>FortiGate Infrastructure</th>
<th>FortiClient EMS</th>
<th>FortiNAC</th>
<th>Secure Wireless LAN</th>
<th>FortiAuthenticator</th>
<th>FortiManager</th>
<th>FortiSwitch</th>
<th>FortiAnalyzer Administrator</th>
<th>Zero Trust Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cyber Defense Analyst</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyber Defense Incident Responder</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cyber Defense Infrastructure Support Specialist</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enterprise Architect</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Network Operations Specialist</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Security Architect</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>System Administrator</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical Support Specialist</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vulnerability Assessment Analyst</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Network Security  Learn More
The Fortinet Certified Professional (FCP) in Network Security certification validates your ability to secure networks and applications by deploying, managing, and monitoring Fortinet network security products. This curriculum will cover the day-to-day tasks related to Fortinet network security devices.

You must pass the core exam and one elective exam.

CORE EXAM
FortiGate

ELECTIVE EXAMS
FortiClient
FortiManager
FortiAnalyzer Administrator
FortiAuthenticator
FortiNAC
FortiSwitch
Secure Wireless LAN
RECOMMENDED TRAINING

**FortiGate Security**  SKU: FT-FGT-SEC  Learn More
In this course, candidates will learn how to use the most common FortiGate security features, including security profiles.

**FortiGate Infrastructure**  SKU: FT-FGT-INF  Learn More
In this course, candidates will learn how to use the most common FortiGate networking and infrastructure 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.

**FortiClient EMS**  SKU: FT-FCT  Learn More
In this course, candidates will learn how to use the standalone FortiClient feature and deploy and provision FortiClient using the FortiClient EMS solution.

**FortiManager**  SKU: FT-FMG  Learn More
In this course, candidates will learn how to use FortiManager for the centralized network administration of many FortiGate devices.

**FortiAnalyzer Administrator**  SKU: FT-FAZ-ADM  Learn More
In this course, candidates will learn how to deploy, configure and secure FortiAnalyzer, as well as how to register and analyze devices. Candidates will explore the fundamentals of the logging and reporting management capabilities included in FortiAnalyzer.

**FortiAuthenticator**  SKU: FT-FAC  Learn More
In this course, candidates will learn how to use FortiAuthenticator for secure authentication and identity management.

**FortiNAC**  SKU: FT-NAC  Learn More
In this course, candidates will learn how to leverage the powerful and diverse capabilities of FortiNAC using best practices for achieving visibility, control, and response.

**FortiSwitch**  SKU: FT-FSW  Learn More
In this course, candidates will learn how to deploy, provision, and manage a FortiSwitch with FortiGate using FortiLink.

**Secure Wireless LAN**  SKU: FT-FWF  Learn More
In this course, candidates will learn how to deploy, configure, and troubleshoot secure wireless LAN using an integrated wireless solution.
The FCSS in Zero Trust Access (ZTA) certification validates your ability to design, administer, monitor, and troubleshoot Fortinet ZTA solutions. This curriculum covers ZTA infrastructures using advanced Fortinet solutions.

You must pass the core exam.

CORE EXAM

Zero Trust Access

RECOMMENDED TRAINING

Zero Trust Access  SKU: FT-ZTA  Learn More

In this course, candidates will learn how to define, design, deploy, and manage ZTA using different Fortinet solutions.

Learn more about our NSE Certification Program