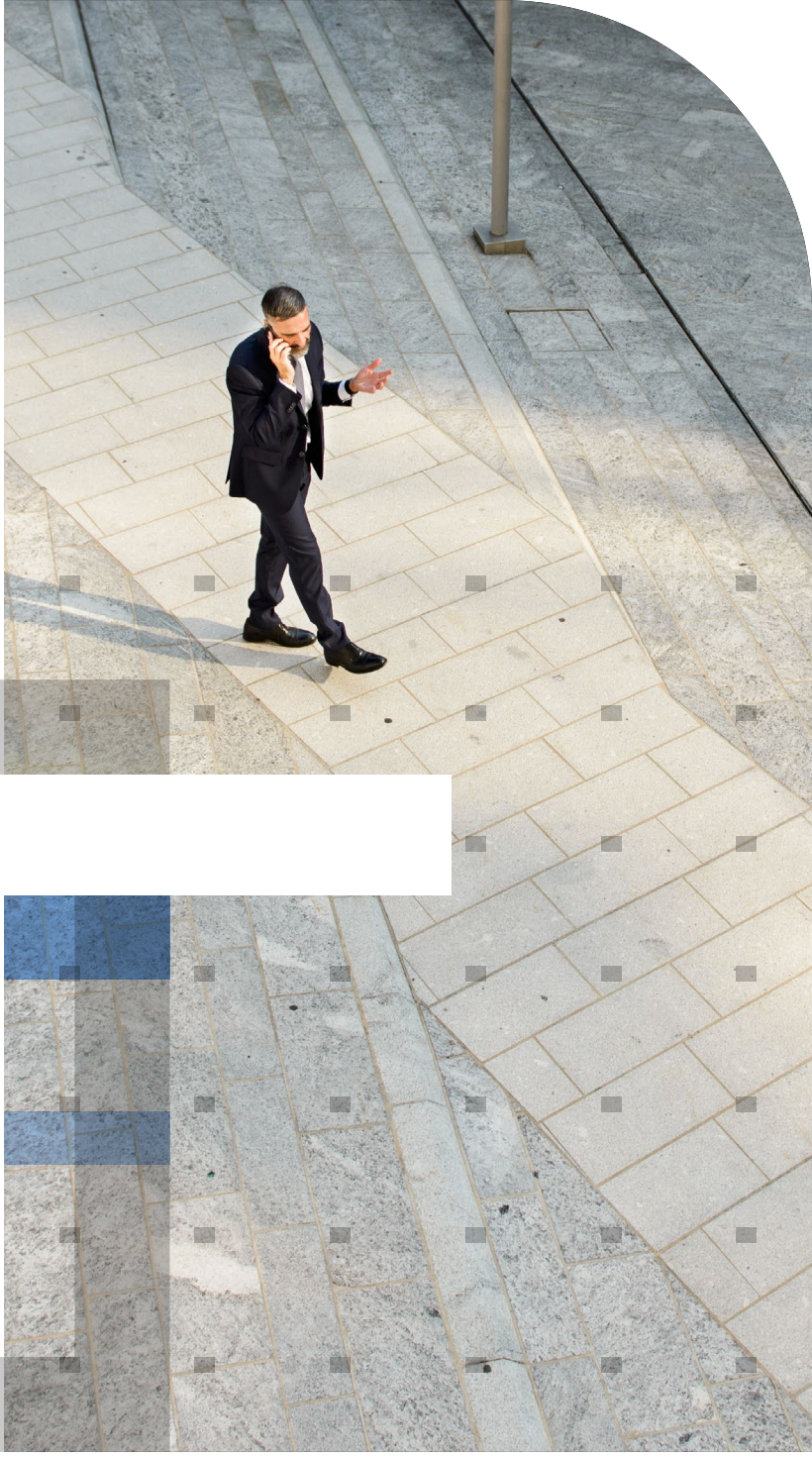

FORTINET
Training Institute

Developing experts in the field of cybersecurity

fortinet.com/nse-training

The Fortinet Training Institute

The Fortinet Training Institute is committed to developing experts in the field of cybersecurity through its training and certification programs for customers, partners and employees, as well as many academic and education outreach partnership programs around the world. Supported by Fortinet's strong network, the Training Institute has issued more than 1,000,000 certifications as of October 2022.

The Fortinet Training Institute's ecosystem of public and private partnerships helps Fortinet further address the skills gap by increasing the access and reach of its cybersecurity certifications and training.

Fortinet also works with global leaders like the World Economic Forum, as part of our effort to drive change on the most pressing cybersecurity issues. Our partnerships extend to industry, academia, government, and nonprofit organizations, in an effort to reach more people and help close the cybersecurity skills gap.

Fortinet Training Institute Footprint

The Fortinet NSE Certification Program

The Fortinet Network Security Expert (NSE) Certification program is an eight-level training and certification program that is designed to provide interested technical professionals with an independent validation of their cybersecurity skills and experience. The NSE program includes a wide range of self-paced and instructor-led courses, as well as practical, hands-on exercises that demonstrate mastery of complex cybersecurity concepts. Each certification program, aims to assess specific levels of cybersecurity expertise, from foundation to architect.

Awareness: Levels 1, 2, and 3

Understand the threat landscape and the evolution of cybersecurity

Technical: Levels 4, 5, and 6

Learn how to implement, operate, and support Fortinet devices

Advanced: Level 7

Develop advanced skills in designing, implementing, supporting, and integrating multiple Fortinet products

Expert: Level 8

Gain expertise in complete network security architecture, drawing on experience from other security disciplines

NSE Certification Program Update

The NSE Certification program will be expanding in October 2023. All current courses, exams, and certifications will remain valid and are transferable to the updated program. For more information, please visit https://www.fortinet.com/nse-training/training-program-update.

NSE Certifications

Days listed are for instructor-led classes. Times will vary for self-paced courses.

NSE 1: The Threat Landscape SELF-PACED ONLY Learn More

The *Threat Landscape* course is the entry level of the Fortinet Network Security Expert (NSE) Certification program. NSE 1 provides candidates with a basic understanding of the ever-increasing threat landscape that impacts networks today.

To earn NSE 1 certification, candidates must complete all the pre-recorded video lessons and pass all the quizzes.

NSE 2: The Evolution of Cybersecurity SELF-PACED ONLY Learn More

After candidates develop a solid understanding of the threat landscape and the problems facing organizations and individuals, they will learn about the evolution of cybersecurity and the types of security products that have been created by vendors to address security problems faced by networks and organizations.

To earn NSE 2 certification, candidates must complete all the pre-recorded video lessons and pass all the quizzes.

NSE 3: Fortinet Product Awareness SELF-PACED ONLY Learn More

The NSE 3 level introduces candidates to the key Fortinet products and describes the cybersecurity problems that they solve. Candidates must complete the Security Fabric Overview lesson and all lessons in the *Security-Driven Networking* module, plus at least one additional module of their choice.

To earn NSE 3 certification, complete all the lessons and quizzes in the Security-Driven Networking module, plus one additional module of your choice.

NSE 4: Network Security Professional [Learn More]

The NSE 4 Network Security Professional designation identifies a candidate's ability to configure, install, and manage the day-to-day administration of a FortiGate device to support specific corporate network security policies.

To prepare for the NSE 4 certification we propose three courses: *FortiGate Security, FortiGate Infrastructure, and NSE 4 Immersion*.

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.

Immersion SKU: FT-NSE4-IMM-LAB [Learn More]

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

NSE 5: Security Analyst [Learn More]

The NSE 5 Fortinet Network Security Analyst designation recognizes a candidate's ability to implement network security management and analytics using Fortinet security devices. This certification requires candidates to pass two exams from the following courses:

FortiAnalyzer Analyst SKU: FT-FAZ-ANS [Learn More]

In this course, candidates will learn the fundamentals of using FortiAnalyzer for centralized logging. This includes learning how to identify current and potential threats through log analysis, and examine the management of events, incidents, reports, and task automation with playbooks.

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.

FortiEDR SKU: FT-EDR [Learn More]

In this course, candidates will learn how to use FortiEDR to protect their endpoints against advanced attacks, with real-time orchestrated incident response functionality.

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.

FortiSIEM SKU: FT-FSM [Learn More]

In this course, candidates will learn how to use FortiSIEM, and how to integrate FortiSIEM into your network awareness infrastructure.

NSE 6: Network Security Specialist Learn More

The NSE 6 Network Security Specialist designation recognizes a candidate's comprehensive skills with fabric products, beyond the firewall. This designation is recognized after candidates pass at least four exams associated with the following courses:

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.

FortiADC SKU: FT-FAD Learn More

In this course, candidates will learn how to configure and administrate the most commonly used features of FortiADC.

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.

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.

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.

FortiSandbox 4.2 (formerly NSE 7 ATP) SKU: FT-FSA Learn More

In this course, candidates will learn how to protect your organization and improve its security against advance threats that bypass traditional security controls.

FortiSOAR Administrator SKU: FT-FSR-ADM Learn More

In this course, candidates will learn about FortiSOAR architecture, and how to deploy, configure, manage, operate, and monitor FortiSOAR in a SoC environment.

FortiSwitch SKU: SKU: FT-FSW Learn More

In this course, candidates will learn how to deploy, provision, and manage a FortiSwitch with FortiGate using FortiLink.

FortiVoice SKU: FT-FVC Learn More

In this course, candidates will learn how to configure FortiVoice systems, including using the phones.

FortiWeb SKU: FT-FWB Learn More

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

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.

NSE 7: Network Security Architect Learn More

The NSE 7 Network Security Architect designation identifies a candidate's advanced skills in deploying, administering, and troubleshooting Fortinet security solutions. This designation is recognized after candidates pass at least one of the exams for the following courses:

Advanced Analytics SKU: FT-ADA Learn More

In this course, candidates will learn how to use FortiSIEM in a multi-tenant environment as well as some advanced configurations, baseline calculations, and remediation methods.

Enterprise Firewall SKU: FT-EFW Learn More

In this course, candidates will learn how to implement, troubleshoot, and centrally manage an enterprise security infrastructure composed of multiple FortiGate devices.

LAN Edge SKU: FT-SAC Learn More

In this course, candidates will learn how FortiGate, FortiAP, FortiSwitch, and FortiAuthenticator enable secure connectivity over wired and wireless networks. This course was formerly known as Secure Access.

OT Security SKU: FT-OTS Learn More

In this course, candidates will learn how to secure their OT infrastructure using Fortinet solutions. Candidates will learn how to design, deploy, administrate, and monitor FortiGate, FortiNAC, FortiAnalyzer, and FortiSIEM devices to secure OT infrastructures.

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.

SD-WAN SKU: FT-SD-WAN Learn More

In this course, candidates will learn about common SD-WAN deployment scenarios using Fortinet Secure SD-WAN solutions.

NSE 8: Security Expert Learn More

The NSE 8 Fortinet Network Security Expert designation identifies a candidate's comprehensive knowledge of network security design, configuration, and troubleshooting for complex networks. To attempt the exams, candidates must have related industry experience.

To prepare for the exams, we recommend that candidates take the NSE 4 to NSE 7 training courses, and have comprehensive experience using Fortinet products in a production environment. The courses are optional.

To obtain NSE 8 certification, candidates must pass both the written exam and practical exam.

Candidates who have passed the NSE 8 written exam might be interested in the *NSE 8 Immersion* workshop, which provides a better understanding of the level and complexity of the tasks and topology that are involved with the NSE 8 practical exam.

Written Exam SKU: NSE-EX-CERT Learn More

There are no prerequisites for taking the Fortinet NSE 8 written exam. The written exam is a pre-test for the Fortinet NSE 8 practical exam. The NSE 8 written exam is not a certification.

The Fortinet NSE 8 written exam is a 120-minute, multiple-choice exam. Questions cover design scenarios, configuration, and troubleshooting. Reference materials are not allowed in the exam room for the written exam.

Immersion SKU: FT-NSE8-IMM Learn More

In this two-day lab immersion, candidates will be challenged to configure a variety of Fortinet products based on a set of objectives. On the first day, candidates will receive information about the NSE 8 program together with instructions and learning tools to help them work with the lab environment, before they start their challenge.

On the second day, the lab challenge continues in the morning. The session is completed with a combination of Q&A and theory during the afternoon.

Candidates must pass the current NSE 8 written exam before attempting this workshop.

Practical Exam SKU: NSE-EX-PRL8 Learn More

After passing the prerequisite NSE 8 written exam, candidates can register to take the practical exam. In this nine-hour (two sessions), self-paced lab session, candidates will be challenged to configure a variety of Fortinet products, based on a set of objectives.

Prior to the exam session, candidates will be enrolled in a preparation training to receive instructions before they start their challenge.

Additional Information about the NSE 8 exam Learn More

The written exam results are not reflected on the Training Institute portal. NSE 8 certification is awarded after the candidate passes both the written and practical exams. Within 15 days of taking the practical exam, the candidate receives a document showing their overall result: pass or fail. The document also shows which sections the candidate passed or failed. No additional detail or assistance is provided.

Fortinet accepts three attempts at the written exam for NSE 8 recertification. However, if the candidate fails all three attempts, they must attempt both the written and practical exam to recertify.

Additional Technical Courses

These courses are not included in the NSE Certification program:

FortiDDoS

FortiGate 6000 Series

FortiGate 7000 Series

FortiGate Essentials

FortiInsight

FortiMonitor

FortiPortal

FortiProxy

FortiSIEM Parser

FortiSOAR Design and Development

Go Cloud

Private Cloud Security

FortiGuard Labs

Security Operations

Threat Hunting

Web Application Security

Review updated course list, SKUs and purchasing process here.

NSE Certification Pathway

Each certification aims to assess specific levels of cybersecurity expertise, from foundation to architect. This table provides an overview of the NSE Training Certification, including information about time investment, requirements, and scope for each NSE level. Always refer to the Training Institute Portal for the latest updates on courses, prerequisites, class schedules, purchasing information, and more.

	Requirements	Scope	Training*	Exam	Recertification
	Pass all lessons and quizzes to earn the NSE 1 certification.	Security awareness	0.7 hour	0.3 hour	Complete the current NSE 1 lessons and quizzes.
	Pass all lessons and quizzes to earn the NSE 2 certification.	Security awareness	2 hours	1 hour	Complete the current NSE 2 lessons and quizzes.
	Complete the *Security Fabric Overview* lesson, all lessons and quizzes in the Security-Driven Networking module, plus at least one additional module of your choice.	Product knowledge	4 hours	1 hour	Complete all the lessons and quizzes in the latest version of the Security-Driven Networking module, plus one additional module of your choice.
	Pass the NSE 4 exam to earn the NSE 4 certification.	Product training	33–35 hours	2 hours	Pass the NSE 4 exam.
	Pass any two of the NSE 5 exams to earn the NSE 5 certification.	Product training	16–48 hours	2 hours	Pass two of the NSE 5 exams.
	Pass any four of the NSE 6 exams to earn the NSE 6 certification.	Product training	64–88 hours	4 hours	Pass any four of the NSE 6 exams.
	Pass any NSE 7 exam to earn the NSE 7 certification.	Security solutions	16–32 hours	1 hour	Pass one of the NSE 7 exams.
Obtaining NSE 7 certification automatically renews your achieved NSE 4, 5 and/or 6 certifications, if these have not expired.					
	Pass the NSE 8 written exam and NSE 8 practical exam to become a Fortinet Certified Network Security Expert.	Security solutions	—	12.5 hour	Passing the NSE 8 written exam will recertify the candidate for NSE 8, as long as the NSE 8 certification has not expired.
Obtaining NSE 8 certification automatically renews your achieved NSE 1-7 certifications, even if these have expired.					

* **Note:** All times are approximate and based on Instructor-led classes including lab time. For NSE 5 to 7, times will vary as you can choose different courses.
- Attending a course does NOT mean you are NSE certified.
- Attending a course is not mandatory to attempt the exam, but it is highly recommended.
- NSE 1 to 7 certifications are valid for two years from the certification grant date.
- NSE 8 certification is valid for three years from the certification grant date.

1 Million

people trained in
cybersecurity by 2026

How to Enroll in Training

Customer

If the candidate is a customer or a public user, they must first create a public account on the Fortinet Training Institute Portal.

Partner

If the candidate is a partner, they must first create an account on the Partner Portal. The candidate must use their company email address to register.

Training Policies

Fortinet classes are in high demand, and fully-booked classes often have waiting lists. If a candidate repeatedly fails to notify Fortinet or the Authorized Training Center that they cannot attend a course that they registered for, the candidate may be disqualified from registering for future classes.

Read our full Training Policy.

Frequently Asked Questions (FAQ)

View our extensive FAQ site for details about course, lab, and exam registration; navigating the portal; and much more.

If you cannot find the answer to your question, you can contact us here.

Purchasing Fortinet Training Products Learn More

The Fortinet Training Institute proposes:

1. A wide range of Instructor-led courses delivered either onsite (in-person), or online (over a virtual classroom application), including standard training content in scheduled public classes or privately on-premise. Private courses also include the possibility of content customization depending on customer needs determined in scoping process.
2. On-demand Labs within Self-Paced Courses. Click here for on-demand lab availability within self-paced courses.
3. Certification exams and study material.

1,000,000+

NSE Certifications issued
as of October 2022

Fortinet Programs and Partnerships

In addition to the NSE Certification program, Fortinet has an extensive global network of Authorized Training Center (ATC) partners, academic partners, and education outreach partners.

Authorized Training Center (ATC) Program

Fortinet ATCs provide a global network of training centers that deliver expert-level training in local languages, in more than 150 countries and territories.

Regional ATCs are trained to scale their offerings to meet the continuous demand for training, driven by the global cybersecurity threat landscape.

Because education is crucial to success, Fortinet continuously assesses and endorses the ability of our ATCs to meet the training needs of today's organizations. Fortinet ATCs offer courses in both classroom and virtual delivery formats. If you want to learn more about the ATC program or find an ATC nearby, please visit https://www.fortinet.com/support/training/learning-center.

Fortinet Certified Trainer (FCT) Program

The FCT program certifies instructors who have demonstrated expertise and proficiency with Fortinet products and solutions, combined with proven instructional training skills. FCTs are the leading instructional and technical experts in Fortinet products, services, and solutions, and are dedicated to providing superior learning experiences for Fortinet customers and channel partners.

For more information about becoming an FCT click here. Alternatively, contact us at fct@fortinet.com.

Fast Track Workshops

In addition to the Certification program, Fortinet offers interactive instructor-led training sessions. This training includes a series of concise, technical, hands-on workshops focusing on the most essential Fortinet solutions.

Through the introduction of market drivers, detailed use cases, and enabling technologies, participants not only understand how they can benefit from the Fortinet broad, integrated and high-performance security, but also gain direct, hands-on experience implementing each component of the comprehensive Security Fabric.

Contact the Fast Track Team: fasttrack@fortinet.com

Academic Partner Program

The Academic Partner program works with academic institutions to create a more diverse, equitable, and inclusive cybersecurity workforce. It bridges the gap between learning and careers through access to industry-recognized Fortinet NSE training and certification courses.

Authorized Academic Partners can integrate Training Institute certification directly into their existing courses, or they can facilitate the content as stand-alone continuing education.

Fortinet also provides students and participants with lab access so that they can have real hands-on experience and they are provided with Pearson VUE exam vouchers to achieve an industry-recognized network security certification.

For more information: https://www.fortinet.com/training/security-academy-program

Education Outreach Program

The Education Outreach program works with global leaders to help advance education and certification in cybersecurity. Our partnerships extend to industry, academia, government, and nonprofits, to ensure we are reaching all demographics to help create a more skilled, diverse, and inclusive workforce. To support the representation of underserved, underrepresented and economically challenged groups within cybersecurity, Fortinet has partnered with organizations focused on women and minorities like Women in Cybersecurity (WiCyS), WOMCY LATAM Women in Cybersecurity, Cyversity, International Consortium of Minority Cybersecurity professionals, the National Economic Education Trust, and more. By providing opportunities for training, certification, and connecting individuals with the Fortinet employer ecosystem, we're working to help close the cybersecurity skills gap.

For more information: https://www.fortinet.com/training/education-outreach-program.

Veterans Program

As part of the Education Outreach Program, Fortinet helps facilitate the transition of military service members, veterans, and military spouses into the cybersecurity industry. Possessing a military mindset, these individuals are well trained to learn new skills and transition between roles, making them ideal candidates for the industry.

The Fortinet Veterans program provides free training and certification to prepare veterans for a career in cybersecurity. In addition to the learning cyber skills and knowledge, participants have access to career development services, job boards, interviewing skills development, and resume writing through our program partners.

Together with its partners, Fortinet continues to close the cybersecurity skills gap by working closely with the veteran community.

For more information: https://www.fortinet.com/training/veterans-program

www.fortinet.com

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June 15, 2023

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