

FORTINET®

# NSE END USER GUIDE

FORTINET NETWORK SECURITY EXPERT PROGRAM

TRAINING.FORTINET.COM

# SUMMARY

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CHAPTER 1

# INTRODUCTION

## FORTINET NETWORK SECURITY EXPERT (NSE) PROGRAM

DEVELOP THE KNOWLEDGE AND SKILLS REQUIRED TO SUCCEED IN THE NETWORK SECURITY INDUSTRY.

NSE CERTIFICATION WILL HELP CANDIDATES VALIDATE THEIR NETWORK SECURITY SKILLS AND EXPERIENCE, DEMONSTRATE VALUE TO CURRENT AND FUTURE EMPLOYERS AND LEVERAGE FORTINET'S FULL RANGE OF NETWORK SECURITY PRODUCTS.

## NSE TRAINING AND CERTIFICATION PATH INFORMATION

The global cybersecurity threat landscape means that education is crucial for organizations today.

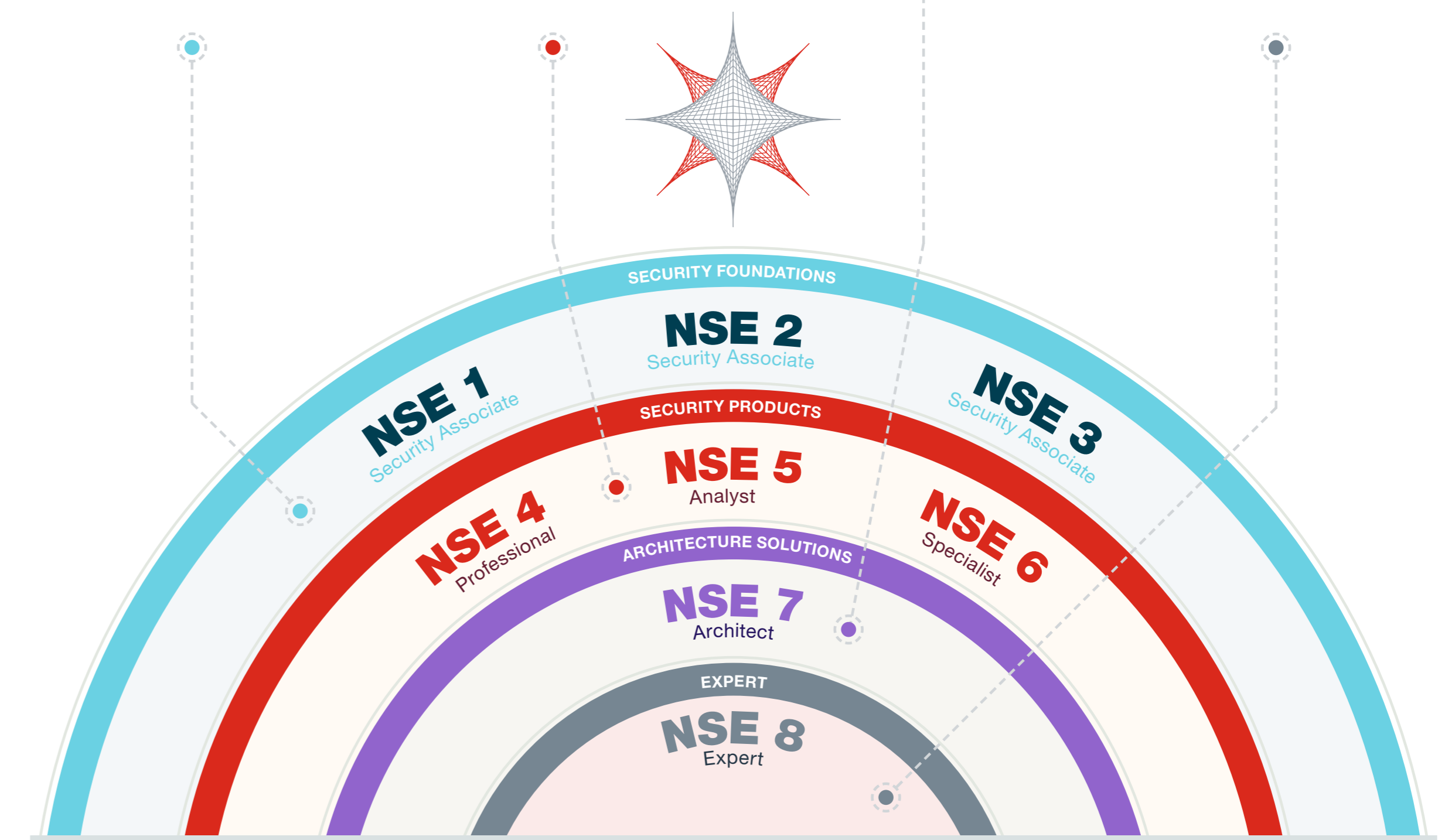
In order to get the best from any product, it is essential to fully understand its operation, correct implementation, and ongoing management.

Fortinet's training program was created to educate your organization's stakeholders, so they can respond appropriately to the challenges presented by the digital economy and evolving enterprise networks.

After completing Fortinet training, candidates will be self-sufficient, able to manage high-performance security across their organization's IT infrastructure, and ready to achieve their organization's business goals. In addition, candidates who successfully achieve Fortinet's NSE certifications will garner recognition within the network security industry.

Welcome to Fortinet. Welcome to the NSE Program.

## NSE Certification Levels



# NSE PROGRAM SUMMARY AND PUBLIC ENROLLMENT

The Fortinet Network Security Expert (NSE) Program is an eight-level certification program designed for technical professionals interested in independent validation of their network security skills and experience. The program includes a wide range of self-paced and instructor-led courses, and experiential exercises designed to develop mastery of complex network security concepts.

## NSE Certifications

Table 2

Step	Level Objective
<b>NSE 1</b> Security Associate	Develop a foundational understanding of the ever-increasing threat landscape and of general network security concepts.
<b>NSE 2</b> Security Associate	Discover the types of security products that have been developed to address the threat landscape discussed in NSE 1.
<b>NSE 3</b> Security Associate	Sales Training for Fortinet Employees and Channel Partners only
<b>NSE 4</b> Professional	Develop the knowledge to manage the day-to-day configuration, monitoring, and operation of FortiGate devices to support corporate network security policies.
<b>NSE 5</b> Analyst	Develop a detailed understanding of how to implement network security management and analytics.
<b>NSE 6</b> Specialist	Develop an understanding of the fabric products that augment FortiGate to provide deeper and more comprehensive network security.
<b>NSE 7</b> Architect	Develop the knowledge to integrate Fortinet products to deploy and administer network security solutions.
<b>NSE 8</b> Expert	Demonstrate the ability to design, configure, install, and troubleshoot a comprehensive network security solution in a live environment.

BUSINESS

TECHNICAL

## NSE Recertification Program

All NSE certificates are valid for two years from the exam date. All NSE-level certification renewals are independent of each other, with the exception of NSE 7 and NSE 8, which are described below.

### Valid NSE 7 certification renews NSE 4 , NSE 5 and NSE 6 certifications

Obtaining NSE 7 certification renews a valid, previously obtained NSE 4, NSE 5 and NSE 6 certification. Obtaining NSE 7 certification will not validate expired certificates. The new expiration date of the NSE 4, NSE 5 and NSE 6 certification will be the same as the NSE 7 certification.

### NSE 8 certification renews all existing certification levels including expired

Obtaining NSE 8 certification renews all existing certifications. Obtaining NSE 8 validates both valid and expired lower-level certifications previously held by the candidate. The new expiration date of the lower levels being validated will be the same as the expiration date of the NSE 8 certification.



**Note**

Visit the [FAQ/Certification Renewal section](#) for examples of higher-level certifications validating lower levels.

## NSE Program Public Enrollment

In an effort to promote cybersecurity education, NSE 1–2 are open to the public for free enrollment.



**Attention**

The public can access training on the NSE Institute through [training.fortinet.com](https://training.fortinet.com).

## CHAPTER 2

# NSE PROGRAM AND COURSES

## FORTINET NETWORK SECURITY EXPERT (NSE) PROGRAM

NSE COURSES ARE DESIGNED TO HELP CANDIDATES PREPARE FOR THE CERTIFICATION EXAMS.

## PROGRAM REQUIREMENTS

The NSE curriculum has been developed to help you understand our technology and use our products and solutions for the greatest benefit. After attending NSE training, you will have the skills and knowledge to manage your organization's IT infrastructure, and you will be ready to face today's cybersecurity challenges.

Please note, attending a course doesn't mean you are NSE certified.

At NSE levels and above, to be NSE certified you must pass an exam at a Pearson VUE Authorized Test Center (See section III.) NSE courses are designed to help you prepare for the certification exams. It is not mandatory to take NSE courses before you can take a certification exam, but it is highly recommended.

## THE TYPES OF TRAINING FORTINET DELIVERS

Fortinet offers both public and private training

### Private Onsite Training

Onsite classes provide the same lectures and labs as Fortinet's traditional public classroom training. A technical trainer delivers either standard training (NSE 4–7) or customized training at the customer's site. For more information, please contact the appropriate regional training coordinator.

### Public Training – Traditional classroom training

#### Instructor-led training (ILT)

A live instructor and students are located together in a physical classroom.

To enroll in public classroom training, contact the appropriate regional training coordinator.

Attending classroom training is a great experience at Fortinet facilities. Candidates can network with peers from different companies and countries, and Fortinet employees.

### Remote Training

All courses are available online except FortiWi-Fi and FortiDDoS (NSE 6), which require hardware.

#### Virtual instructor-led training (vILT)

Live, remote, instructor-led training delivered over the Internet. Candidates attend sessions using an online classroom application, such as GoToTraining. The instructor will send candidates the GoToTraining invitation a few hours before the class starts. After a candidate is enrolled in virtual, instructor-led training, the candidate can access the corresponding student guide.

#### Self-paced training

This type of training is very flexible. You can learn at your own pace, on your own schedule.

Candidates access prerecorded lessons and quizzes on the NSE Institute in the facilitated lab. After candidates are enrolled in self-paced training, they can access the corresponding facilitated lab.

Before accessing a facilitated lab, you must complete the corresponding self-paced training. Each lab corresponds to a specific time zone, and has a maximum number of seats.

To complete the NSE 4 self-paced training, you must complete both the FortiGate Security (13 lessons) and FortiGate Infrastructure (9 lessons) self-paced training courses and facilitated labs.

**Please be aware that Fortinet runs labs in many time zones. All labs start at 9 AM and finish at 5 PM local time.**

## THE NSE PROGRAM

Table 3

Step	Level Requirements	Details	
<b>NSE 1</b> Security Associate	Pass all lessons and quizzes to earn the NSE 1 certificate	<a href="#">Page 7</a>	<b>BUSINESS</b>
<b>NSE 2</b> Security Associate	Pass all lessons and quizzes to earn the NSE 2 certificate	<a href="#">Page 7</a>	
<b>NSE 3</b> Security Associate	Available for Fortinet employees and channel partners only	<a href="#">Page 7</a>	
<b>NSE 4</b> Professional	Pass the NSE 4 exam to earn the NSE 4 certificate	<a href="#">Page 8</a>	<b>TECHNICAL</b>
<b>NSE 5</b> Analyst	Pass two of the Analyst exams to earn the NSE 5 certificate	<a href="#">Page 8</a>	
<b>NSE 6</b> Specialist	Acquire four Specialist certificates to earn the NSE 6 certificate	<a href="#">Page 9</a>	
<b>NSE 7</b> Architect	Pass any of the NSE 7 exams to earn the NSE 7 certificate	<a href="#">Page 10</a>	
<b>NSE 8</b> Expert	Pass the NSE 8 written exam and NSE 8 practical exam to become a Fortinet Certified Network Security Expert	<a href="#">Page 11</a>	

## COURSE ENROLLMENT

A candidate can self-enroll in the NSE 1–2 courses and take the quizzes using a public account.

For NSE 4–7 courses, the candidate should contact a regional training coordinator for assistance: [training@fortinet.com](mailto:training@fortinet.com); [emeatraining@fortinet.com](mailto:emeatraining@fortinet.com), or [apactraining@fortinet.com](mailto:apactraining@fortinet.com), once Fortinet has received the purchase order.

## HOW TO PURCHASE FORTINET TRAINING

The NSE 1–2 course and quizzes are available free of charge. NSE 4–7 courses and exam vouchers (NSE 4–8) must be purchased from a local reseller. Resellers will be happy to provide pricing information.

If you don't already have a reseller, visit [www.fortinet.com/partners/reseller\\_locator/locator.html](http://www.fortinet.com/partners/reseller_locator/locator.html) to locate a reseller near you.

## CANCELLATION POLICY

Fortinet classes are in high demand, and fully-booked classes often have waitlists. View the [Training Cancellation Policy](#) to find out how much notice is required to cancel, reschedule, or substitute a course.

If a candidate repeatedly fails to notify Fortinet that they cannot attend a course they registered for, the candidate may be disqualified from registering for future Fortinet classes.

# NETWORK SECURITY ASSOCIATE



## NSE 1

The **NSE 1 Network Security Associate** course develops a candidate's foundational understanding of the threat landscape, and provides perspectives from key executive roles. These courses also cover how users can develop personal security awareness and be safer using the Internet.

### Program Requirements

To earn NSE 1 certification, candidates must:

- 1 Complete **all NSE 1 course lessons**.
- 2 Pass the **quiz** for each lesson.

## NSE 2

The **NSE 2 Network Security Associate** course introduces the candidate to the types of security products that have been developed by the security industry to address the threat landscape that was introduced in NSE 1. Individual Fortinet products are introduced in each lesson.

### Program Requirements

To earn NSE 2 certification, candidates must:

- 1 Complete **all NSE 2 course lessons**.
- 2 Pass the **quiz** for each lesson.

## NSE 3

The **NSE 3 Sales Training** is available for Fortinet employees and channel partners only.



### Certification

- | **The NSE 1–2 courses and quizzes are available on the NSE Institute.**
- | NSE 1–2 certification are valid for two years from the date of completion.
- | A candidate can renew their NSE 1–2 certification by taking the current NSE 1–2 course offered on the NSE Institute.
- | Obtaining NSE 8 certification automatically renews a candidate's NSE 1–2 certification, even if their NSE 1–2 certification has expired.

## Program Requirements for NSE 4–7

NSE 4–7 exams have no prerequisites. It is highly recommended, but not required, that candidates complete the course before taking the exam.

### NSE 4

## NETWORK SECURITY PROFESSIONAL

The **NSE 4 Network Security Professional** designation identifies a candidate's ability to configure, install, and monitor FortiGate in a network.

#### Course Names

- | **FortiGate Security** – 3 days – SKU: **FT-FGT-SEC**
- | **FortiGate Infrastructure** – 2 days – SKU: **FT-FGT-INF**

#### Certification Name

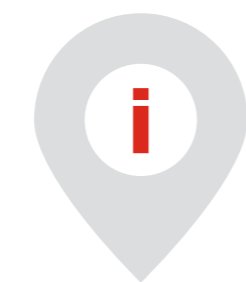
**NSE 4 Network Security Professional** – SKU: **NSE-EX-CERT**: one exam for both courses

#### Product Version

6.0

### Certification

- | **The NSE 4 certification is valid for two years.**
- | Candidates can renew their NSE 4 certification by taking the current NSE 4 exam at a [Pearson VUE Authorized Test Center](#).
- | Obtaining NSE 7 certification automatically renews a candidate's NSE 4 certification, if their NSE 4 certification has not expired.
- | Obtaining NSE 8 certification automatically renews a candidate's NSE 4 certification, even if their NSE 4 certification has expired.



#### Additional Information About NSE 4

Available at: [Pearson VUE Authorized Test Center](#)

Time allowed to complete: 120 minutes total test time

Time required between attempts: 15 days

Time for acknowledgement and score to be reflected on NSE Institute profile: five business days

### NSE 5

## NETWORK SECURITY ANALYST

The **NSE 5 Fortinet Network Security Analyst** designation identifies a candidate's ability to provide centralized network administration, network analysis, and reporting using FortiManager and FortiAnalyzer. This designation is recognized after the candidate achieves Fortinet Specialist certifications on both FortiManager and FortiAnalyzer. Note that while FortiSIEM is included in NSE 5 training, it is currently not a part of the NSE 5 certification.

#### Course Names

- | **FortiManager Centralized Device Management** – 2 days – SKU: **FT-FMG**
- | **FortiAnalyzer Administration** – 1 day – SKU: **FT-FAZ**
- | **FortiSIEM Basic Training** – 3 days – SKU: **FT-FSM**

#### Certification Name

- | **NSE 5 Network Security Analyst**
- | SKU: **NSE-EX-SPL5** for any NSE 5 Exam: FortiManager or FortiAnalyzer (FortiSIEM exam will be available soon)

#### Product Version

- | **6.0 FortiAnalyzer / FortiManager**
- | **5.1 FortiSIEM**

#### Note

**NSE 5 certification requires passing two NSE 5 exams.**

### Certification

- | **The NSE 5 certification is valid for two years.**
- | Candidates can renew their NSE 5 certification by taking at least two of the individual NSE 5 Analyst exams at a [Pearson VUE Authorized Test Center](#).
- | Obtaining NSE 7 certification automatically renews a candidate's NSE 5 certification, if their NSE 5 certification has not expired.
- | Obtaining NSE 8 certification automatically renews a candidate's NSE 5 certification, even if their NSE 5 certification has expired.



#### Additional Information About NSE 5

Available at: [Pearson VUE Authorized Test Center](#)

Time allowed to complete: 70 minutes total test time for the FortiManager Specialist exam, and 50 minutes total test time for the FortiAnalyzer Specialist exam

Time required between attempts: 15 days

Time for acknowledgement and score to be reflected on NSE Institute profile: five business days



# NSE 6

## NETWORK SECURITY SPECIALIST

The **NSE 6 Network Security Specialist** designation recognizes a candidate's comprehensive skills with fabric products beyond the firewall. This designation is recognized after the candidate achieves at least four Fortinet Specialist certifications on Fortinet enhanced products.

### Program Requirements

The Partner company is NSE 6 compliant if at least **four different NSE 6 technologies are obtained by one or several engineers**. This is valid only for Platinum partners or distributors.

#### Certification name

| **NSE 6 Network Security Specialist**

| The designation is recognized after the candidate achieves **at least four Fortinet Specialist exams** on Fortinet enhanced products.

| SKU: **NSE-EX-BUN6** for the bundle of four Specialist Exams. Or, **NSE-EX-SPL6** for any Specialist Exam. *For details, see the table Fortinet NSE 6 Exams.*

### Certification

| **NSE 6 Specialist certification is valid for two years.**

| For a candidate's certification to remain valid, they must have passed any current exams associated with their areas of specialization.

| Obtaining NSE 7 certification automatically renews a candidate's NSE 6 certification (NSE 6 level not the areas of specializations), if their NSE 6 certification has not expired

| Obtaining NSE 8 certification automatically renews a candidate's NSE 6 certification for the specializations they earned originally, even if their NSE 6 certification has expired.

### Fortinet NSE 6 Exams

To earn NSE 6 specialization, candidates must pass a **minimum of four Fortinet NSE 6 exams** from among the following technologies:

Course Name	Level Requirements	Product Version	Course SKU	Course Duration	Exam Name
<b>FortiADC D-Series</b>	Configure and administer the most commonly used features of FortiADC	5.2	FT-FAD	1 day	FortiADC 5.2 Specialist
<b>FortiAuthenticator</b>	Use FortiAuthenticator for secure authentication	5.4	FT-FAC	2 days	FortiAuthenticator 5.4 Specialist
<b>FortiDDoS</b>	Recognize and mitigate individual and distributed denial of service (DDoS) attacks, while preserving service and network performance	4.5.	FT-FDD	1 day	FortiDDoS 4.5. Specialist
<b>FortiMail</b>	Use FortiMail to protect your network from existing email-borne threats, and use FortiSandbox to detect and block emerging threats	6.0	FT-FML	3 days	FortiMail 6.0 Specialist
<b>FortiNAC</b>	Use a FortiNAC system to achieve network visibility and secure your network against IoT threats	8.0	FT-NAC	3 days	Coming soon
<b>FortiWeb</b>	Deploy, configure, and troubleshoot Fortinet's web application firewall	5.6	FT-FWB	3 days	FortiWeb 5.6 Specialist
<b>Integrated and Cloud Wireless</b>	Deploy, configure, and troubleshoot a secure wireless LAN using the FortiOS Integrated and cloud Wi-Fi solution made up of FortiGate, FortiAP, FortiWi-Fi, FortiPlanner, and FortiPresence	6.0	FT-FWF	2 days	Fortinet Integrated and Cloud Wi-Fi Specialist-FortiOS 6.0
<b>FortiWLC</b>	Design, implement, and maintain a channel-layered FortiWLC-based wireless network	8.2	FT-FWC	3 days	FortiWLC Specialist-SD 8.2



#### Additional Information About NSE 6

Available at: **Pearson VUE Authorized Test Centers** worldwide.

Time allowed to complete: 30 minutes total test time for 15-question exams, and 60 minutes for 30-question exams.

## NSE 7

# NETWORK SECURITY ARCHITECT



The **NSE 7 Network Security Architect** designation identifies a candidate's advanced skills in deploying, administering, and troubleshooting Fortinet security solutions.

### Course Name

- | **Advanced Threat Protection** – 2 days – SKU: **FT-ATP**
- | **Enterprise Firewall** – 3 days – SKU: **FT-EFW**
- | **Private Cloud** – 2 days – SKU: **FT-PRV-CDS**
- | **Public Cloud** – 2 days – SKU: **FT-PUB-CDS**
- | **Secure Access** – 2 days – SKU: **FT-SAC**

### Certification Name

- | **NSE 7 Network Security Architect** – SKU: **NSE-EX-CERT**

| To be NSE 7 certified, the candidate should successfully pass at least one of the three below:

### Exam Names

- | **NSE 7 – Advanced Threat Protection 2.5**
- | **NSE 7 – Cloud Security – FortiOS 6.0**
- | **NSE 7 – Enterprise Firewall – FortiOS 6.0**
- | **NSE 7 – Secure Access 6.0**

## Program Requirements


The NSE 7 exams have no prerequisites. Candidates can take any exam whether or not they have taken the course.

To earn NSE 7 certification, candidates must pass one of the NSE 7 exams at a **Pearson VUE Authorized Test Center** . Taking the NSE 7 course is highly recommended as the best way to prepare for the NSE 7 exam.

## Certification

- | **The NSE 7 certification is valid for two years.**
- | A candidate can renew their NSE 7 certification by fulfilling the current NSE 7 requirements, or by passing the NSE 8 exam.

## NSE 7 Exams

- | Available at: **Pearson VUE Test Centers** 
- | Total time allowed to complete the test: 60 minutes
- | Time required between attempts: 15 days
- | Time for acknowledgement and score to be reflected on NSE Institute profile: five business days

## NSE 8

# NETWORK SECURITY EXPERT

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 exam, candidates must have related industry experience.

## Program Requirements

There are no prerequisites for 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. Candidates must complete the NSE 8 practical exam within two years of completing the NSE 8 written exam. It is recommended to have completed NSE 4–7 trainings and to have a strong experience with Fortinet products in a production environment.

To earn NSE 8 certification, candidates must:

- 1 Complete the NSE 8 written exam** (a practice exam is available on the NSE Institute).
- 2 Complete the NSE 8 practical exam.**

For more information, visit [NSE 8 program](#).

### Certification name

**NSE 8 Network Security Expert**

## Certification

### NSE 8 Written Exam

The Fortinet NSE 8 written exam is a 90-minute, multiple-choice exam. Questions cover design scenarios, exhibits, configuration extracts, and troubleshooting captures that assess the networking, security, and Fortinet solution knowledge and experience of the candidate. Reference materials are not allowed in the exam room for the written exam.

| Available at: [Pearson VUE Test Centers](#) worldwide

| Exam name: **Fortinet Network Security Expert 8 Written Exam**

| Fortinet SKU: **NSE-EX-CERT**

| Time allowed to complete the exam: 90 minutes

### Note

*The written exam results will not be reflected on the NSE Institute. NSE 8 certification is awarded after the candidate passes both the written and practical exams.*

*The candidate will receive a document showing their overall result: pass or fail. The document will also show which sections the candidate passed or failed. No further detail or assistance is provided.*

### NSE 8 Practical Exam

After a candidate has passed the prerequisite NSE 8 written exam, the candidate can register to take the practical exam in person at the following Fortinet offices.

#### The following locations are available

Austria	Canada	France
Germany	Malaysia	Poland
Saudi Arabia	UAE	USA

*Please contact your regional training coordinator for further information.*

The NSE 8 practical exam is a two-day, hands-on evaluation. During the practical exam, the candidate must configure and validate a complete network topology involving multiple Fortinet products. Reference materials are not allowed in the exam room for the practical exam.



### Additional Information About NSE 8

| Available at: [Pearson VUE Test Centers](#) worldwide

| Fortinet SKU: **NSE-EX-PRL8**

| Within 15 days of taking the practical exam, the candidate will receive a document showing their overall result: pass or fail. The document will also show which sections the candidate passed or failed. No further detail or assistance is provided.

| NSE 8 certification will be visible in the candidate's profile approximately one month after the candidate passes the NSE 8 practical exam.

## Recertification

A candidate who obtains the NSE 8 designation by passing the written and practical exams, recertifies on all those NSE levels that were earned earlier, regardless of whether or not they are valid or have expired. But the candidate cannot recertify on designation levels for which they have never qualified.

To recertify for NSE 8, it is sufficient to pass the NSE 8 written exam as long as the candidate's NSE 8 certification has not expired. When a candidate passes the written exam for the purpose of recertifying, they also recertify for all NSE levels, valid or expired. However, if their NSE 8 certification expires, then the candidate will have to redo the written and practical exams to recertify.

We accept three attempts of the written exam for the NSE 8 re-certification. But, if all three are failed, the candidate must attempt and pass again the NSE 8 practical exam until they pass.

CHAPTER 3

# NSE PROGRAM

## CERTIFICATION AND RECERTIFICATION

CANDIDATES DO NOT NEED TO TAKE A COURSE TO ATTEMPT THE EXAM, BUT IT IS HIGHLY RECOMMENDED.

## INTRODUCTION TO THE NSE PROGRAM

Since the NSE Program was launched in 2015, more than 200,000 NSE certifications have been issued.

By earning NSE certifications, candidates garner credibility within the network security industry. NSE certifications serve as an objective indicator of the candidate’s technical knowledge and skills, which are valuable assets to the candidate, as well as the candidate’s current and future employers.

Each certification level of the NSE Program aims to assess specific levels of networking expertise, from foundation to architect. Fortinet’s prestigious NSE 8 certification recognizes the expertise of network security architects, for whom

meeting the network security requirements of global organizations is becoming increasingly complex as technical strategies to enhance security continuously evolve.

After a candidate passes an exam, Fortinet wants to make sure the candidate’s skills remain on the cutting edge of network security technology. Certifications that are earned once and never expire are not very relevant in the network security industry, which is an ever-evolving environment. Thus, the NSE Recertification Program was developed to make sure candidates’ skills remain current. The NSE recertification program is described below.

## PROGRAM REQUIREMENTS AND CERTIFICATION PROGRAM

### NSE Requirements

Table 4

*For details see the table on the right.*

NSE certifications are **valid for two years**. A candidate can recertify by meeting the requirements of the NSE level as described on the next page.

Please note, a candidate must wait 15 days between exam attempts.

Step	Level Requirements	
<b>NSE 1</b> Security Associate	Pass all lessons and quizzes to earn the NSE 1 certificate	<b>BUSINESS</b>
<b>NSE 2</b> Security Associate	Pass all lessons and quizzes to earn NSE 2 certificate	
<b>NSE 3</b> Security Associate	Sales training for Fortinet employees and channel partners	
<b>NSE 4</b> Professional	Pass the NSE 4 exam to earn the NSE 4 certificate	<b>TECHNICAL</b>
<b>NSE 5</b> Analyst	Pass two of the Analyst exams to earn the NSE 5 certificate	
<b>NSE 6</b> Specialist	Acquire four Specialist certificates to the your NSE 6 certificate	
<b>NSE 7</b> Architect	Pass any of the NSE 7 exams to earn the NSE 7 certificate	
<b>NSE 8</b> Expert	Pass the NSE 8 written exam and NSE 8 practical exam to become a Fortinet Certified Network Security Expert	

# NSE TRAINING AND CERTIFICATION AVERAGE TIME

Table on the right provides the estimated time required for a candidate to become NSE certified.

The times shown in this table do not take into account personal study time, training time, and exam time. The amount of study required varies according to each candidate's experience and technical skills.

## NSE Training and Certification Time Table

Table 1

NSE Level	Estimated effort Includes training & exam time	Training Time	Exam Time	
<b>NSE 1</b> Security Associate	1 hour	0.7 hour	0.3 hour	CYBERSECURITY EDUCATION
<b>NSE 2</b> Security Associate	4.2 hours	3.2 hours	1 hour	
<b>NSE 3</b> Security Associate	<i>Sales training available for Fortinet employees and channel partners only</i>			
<b>NSE 4</b> Professional	37 hours	35 hours	2 hours	TECHNICAL TRAININGS
<b>NSE 5</b> Analyst	23 hours	21 hours	2 hours	
<b>NSE 6</b> Specialist	62 hours	60* hours	2 hours	
<b>NSE 7</b> Architect	17 hours	16 hours	1 hour	
<b>NSE 8</b> Expert	18.5 hours	–	18.5 hours	



# NSE RECERTIFICATION PROGRAM

Recertification is of considerable importance in the IT environment. Network security professionals and their employers want to make sure that certification holders have valid certifications, which means they must closely monitor trends in networking technology.

NSE certifications are valid for two years.

To keep their certifications current, candidates should recertify by completing the requirements listed in the following table:

## NSE Certification and Recertification Table

Table 5

Level	Requirements for Certification	Requirements for Recertification	Exam Voucher SKU	Exam location
<b>NSE 1</b> Security Associate	This level stands alone and is not dependent on any other level as a prerequisite. The NSE 1 certification is valid for two years from the date the candidate passes the exam on the NSE Institute.	To recertify for NSE 1, the exam must be retaken on the NSE I, or NSE 8 must be attained.	FREE	NSE Institute
<b>NSE 2</b> Security Associate	This level stands alone and is not dependent on any other level as a prerequisite. The NSE 2 certification is valid for two years from the date the candidate passes the exam on the NSE Institute.	To recertify for NSE 2, the exam must be retaken on the NSE I, or NSE 8 must be attained.	FREE	NSE Institute
<b>NSE 3</b> Security Associate	Sales training available for Fortinet employees and channel partners only.	—	—	—
<b>NSE 4</b> Professional	This level stands alone and is not dependent on any other level as a prerequisite. The NSE 4 certification is valid for two years from the date the candidate passes the exam at a Pearson VUE Authorized Test Center.	To recertify for NSE 4, candidates must retake and pass the current NSE 4 exam, or possess a valid NSE 7 and/or NSE 8 certification.	NSE-EX-CERT	Pearson VUE Authorized Test Center
<b>NSE 5</b> Analyst	NSE 4 is highly recommended as a prerequisite to NSE 5, but is not required to take and pass the NSE 5 exams. Knowledge of FortiGate enterprise firewalls is necessary. The NSE 5 certification is valid for two years from the date the candidate passes the exam at a Pearson VUE Authorized Test Center.	To recertify for NSE 5, candidates must retake and pass at least two out of three NSE 5 exams, or possess a valid NSE 7 and/or NSE 8 certification.	NSE-EX-SPL5 for any exam	Pearson VUE Authorized Test Center
<b>NSE 6</b> Specialist	This level stands alone and is not dependent on any other level as a prerequisite. Passing four specialization exams at a Pearson VUE Authorized Test Center is required to complete NSE 6. Four specializations must be valid at one time to complete NSE 6. The NSE 6 certification date is recorded as the date the candidate passes the last specialization for two years.	To recertify for NSE 6, four specializations must be valid at the NSE 6 anniversary date. They may be the same or different, or the candidate must possess a valid NSE 7 and/or NSE 8.	NSE-EX-BUN6 or Choose four NSE 6 single exams NSE-EX-SPL6	Pearson VUE Authorized Test Center
<b>NSE 7</b> Architect	NSE 4, 5 and 6 are highly recommended as prerequisites to NSE 7, but are not required to take and pass the NSE 7 exam. The NSE 7 certification is valid for two years from date the candidate passes the exam at a Pearson VUE Authorized Test Center.	To recertify for NSE 7, candidates must pass at least one of the NSE 7 exams NSE 7 exam or possess a valid NSE 8 certification.	NSE-EX-CERT for any exam	Pearson VUE Authorized Test Center
<b>NSE 8</b> Expert	NSE 8 stands alone and does not require any lower certifications, although all levels of NSE 4-7 are highly recommended. Qualified individuals may go directly to NSE 8, which has two steps: first, pass the NSE 8 written exam at a Pearson VUE Authorized Test Center, and then pass the NSE 8 practical exam at a Fortinet location. The certification is valid for two years.	To recertify at the NSE 8 level, candidates must complete the current NSE 8 written exam at a Pearson VUE Authorized Test Center, before the NSE 8 certification expires. Expired certifications require taking both exams.	NSE-EX-CERT and NSE-EX-PRL8	NSE 8 written exam: Pearson VUE Authorized Test Center NSE 8 practical exam: In person at a Fortinet office or remotely from Fortinet in authorized locations.

# NSE RECERTIFICATION PROGRAM

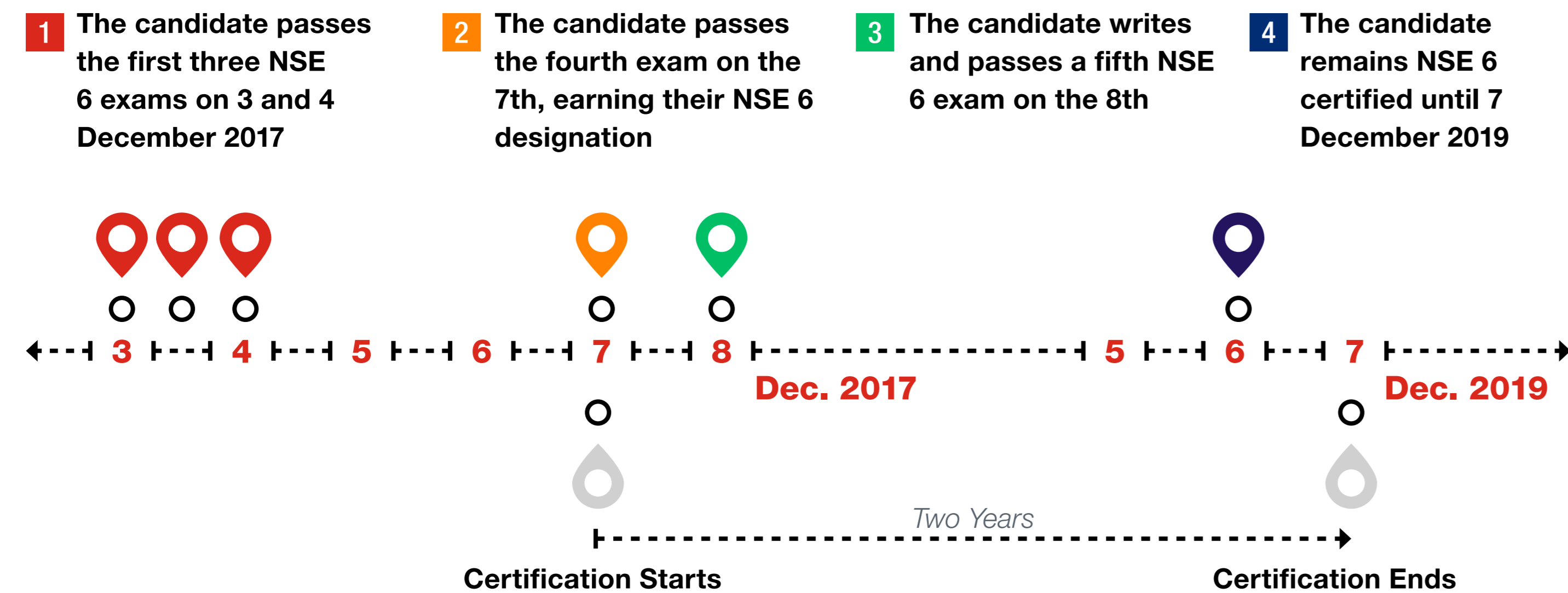
Continued

Once you have passed the exam or exams required to qualify for an NSE designation, you are certified at that level for two years.

If there are multiple exams that you must complete to earn an NSE designation, the two-year certification begins after the last required exam is passed.

For example, to earn the NSE 6 Network Security Specialist designation, you must pass four different exams at that level. If you passed the first three exams on 3 and 4 December 2017 and passed the fourth exam on 7 December 2017, you would have earned your NSE 6 designation on the day you passed the fourth exam. And you would remain NSE 6 certified until 6 December 2019. The fact that you passed a fifth exam on 8 December 2017 does not restart your NSE 6 designation.

## Recertification Example



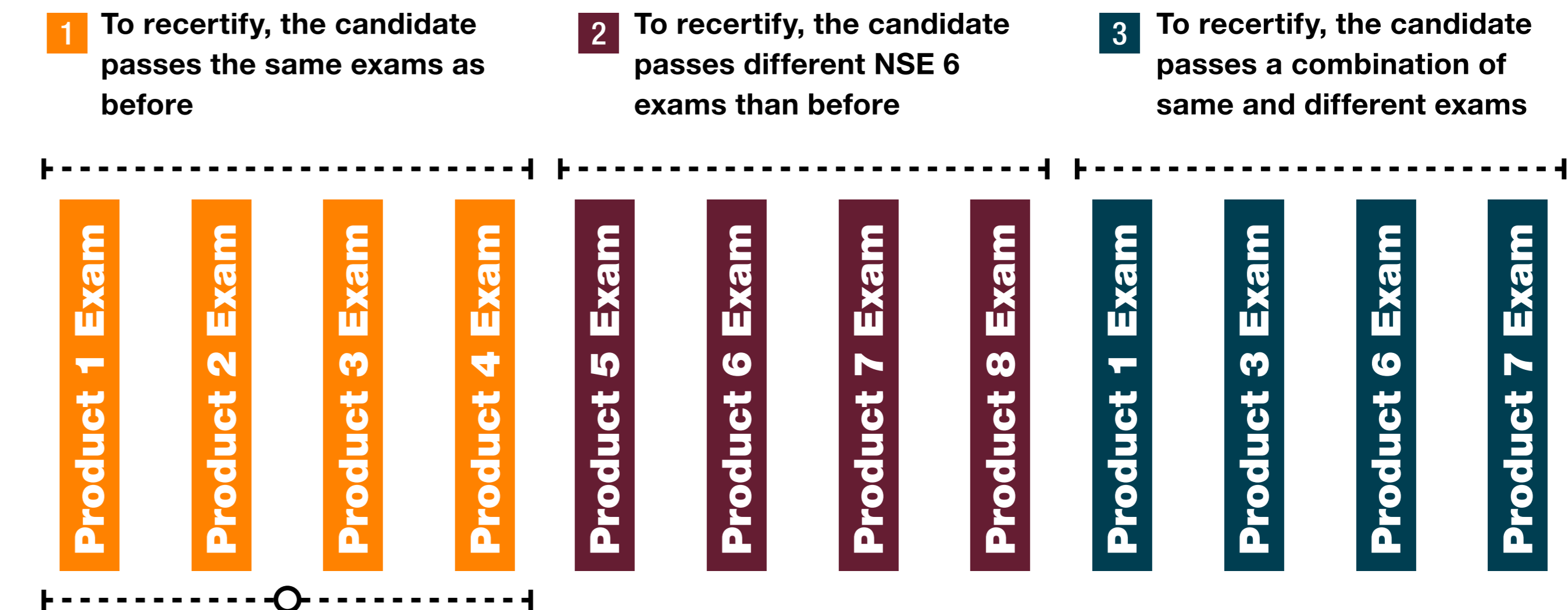
There are three ways that a candidate can recertify.

## Requalify by meeting the prerequisites of the NSE level

**1** At the end of the two-year period, the NSE Institute checks to see how many exams are still valid. If there are four or more, the candidate maintains their designation for another two years, if not, then their designation lapses. Continuing this example, let's if the candidate successfully completes three more exams between 8 December 2017 and 5 December 2019. On the day that their designation expires, 6 December 2019, the NSE Institute counts the exams that are still valid. The candidate has four valid exams and therefore their NSE 6 designation is renewed for another two years.

The fifth, sixth, seventh, and eighth exams could be the same product exams as before, or they could be exams based on different NSE 6 products, or somewhere in between as the diagram below illustrates.

## Explanation of NSE 6 Recertification



The candidate passes the following NSE 6 exams to earn their first NSE 6 designation



NOTE

As long as the candidate has four or more valid exams at the end of their certification period, you recertify for another two years.

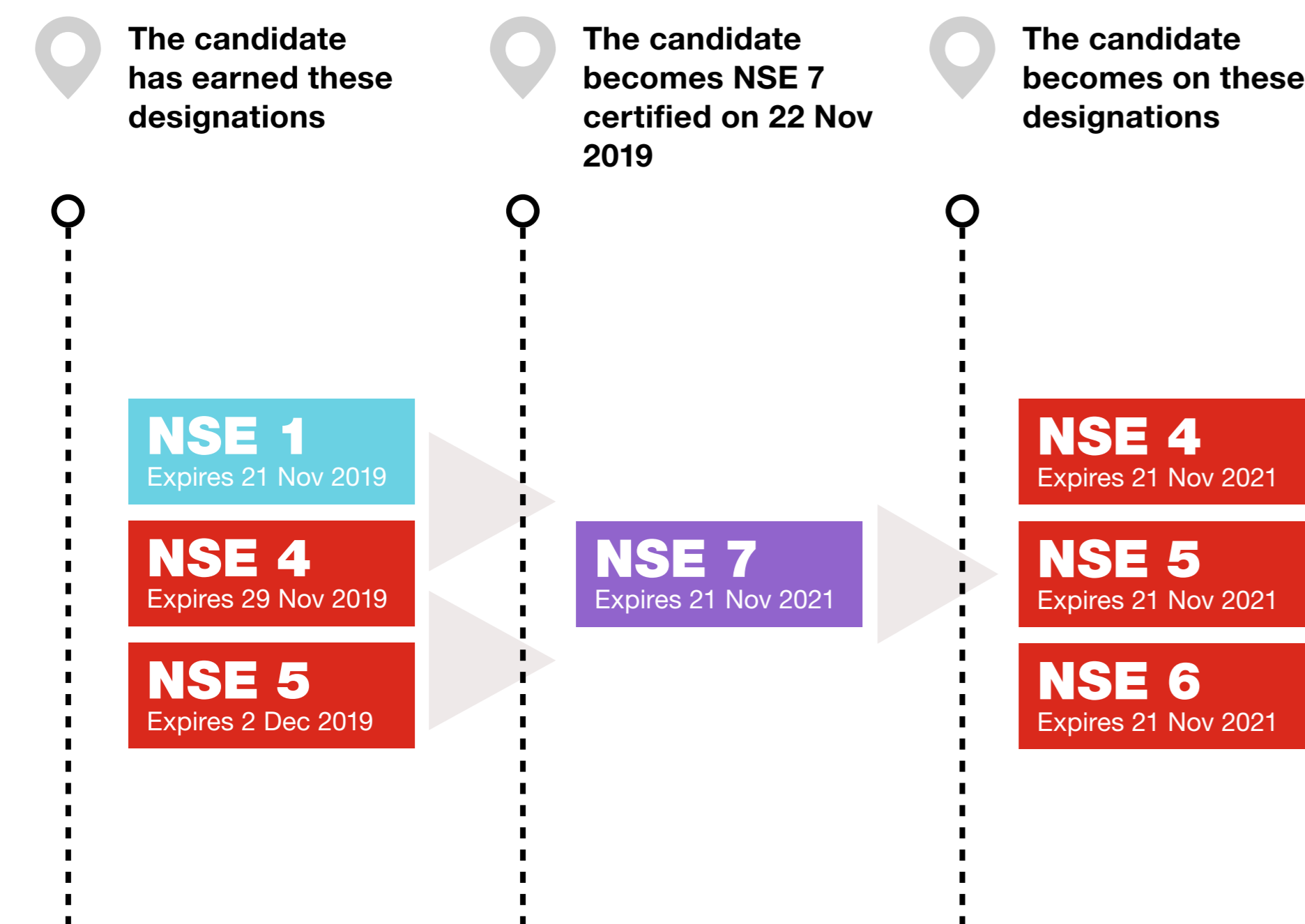
# NSE RECERTIFICATION PROGRAM

Continued

## Requalify by meeting the prerequisites of the NSE level

**2** A candidate who passes NSE 7 recertifies on NSE levels 4, 5 and 6 as long as those certifications have not expired. Assume that a candidate has passed NSE1 and NSE 4, 5 and 6, but NSE 1 has expired. When the candidate becomes NSE 7 certified, they would recertify on NSE levels 4, 5 and 6, but not on levels 1. The new certification start date is the same as the certification start date for NSE 7.

### NSE 7 Recertification Example



## Become NSE 8 qualified

**3** A candidate who obtains the NSE 8 designation by passing the written and practical exams, recertifies on all NSE levels that were earned earlier regardless of whether or not they are valid or have expired. Candidates cannot recertify on designation levels for which they have never qualified.

In this example, assume that a candidate has never completed NSE 1, they have allowed NSE 4 to expire, and they have passed the FortiMail and FortiWeb specialist exams in NSE 6. Although the candidate is a FortiMail Specialist and FortiWeb Specialist, they are not an NSE 6 Network Security Specialist because they have not completed four NSE 6 exams. Now they earn the NSE 8 designation by passing the written and practical exams. The NSE 8 designation would recertify them for NSE 2 through 5. It would also recertify them for NSE 6 FortiMail and FortiWeb, but not NSE 1.

To recertify for NSE 8, it is sufficient to pass the NSE 8 written exam as long as NSE 8 has not expired. When a candidate passes the written exam for the purpose of recertifying, it also recertifies them for all NSE levels, valid or expired. However, if their NSE 8 certification expires, then they will have to redo the written and practical exams to recertify.

## WHERE CAN I PURCHASE AND TAKE A FORTINET EXAM?

The **NSE 1–2 quizzes** are available free of charge. In the **NSE Institute** Fortinet wants to promote cybersecurity education, and is pleased to offer this certification to any interested individual. Through such education, Fortinet is striving to raise awareness of modern cybersecurity issues among university students. The Fortinet Network Security Academy (FNSA) program is designed to provide industry-recognized Fortinet training and certification opportunities to students around the world. The academy collaborates with academic institutions, non-profit agencies, and veterans programs to provide a framework for students to become part of an elite group of cybersecurity professionals.

For more information, visit [www.fortinet.com/support-and-training/training/fortinet-network-security-academy.html](http://www.fortinet.com/support-and-training/training/fortinet-network-security-academy.html).

**NSE 4 to NSE 8 exam vouchers** must be purchased from a **local reseller**. Resellers will be happy to provide pricing information.

If you don't already have a reseller, visit [www.fortinet.com/partners/reseller\\_locator/locator.html](http://www.fortinet.com/partners/reseller_locator/locator.html) to locate a reseller near you.

Then, once you receive an exam voucher, you can take the following:

- | NSE 1–2 exams are available on the **NSE Institute** for free.
- | The NSE 4 to NSE 8 written exam, at a **Pearson VUE Authorized Test Center**. There are thousands of test centers worldwide.
- | The NSE 8 practical exam, in person at a Fortinet site or remotely. Please contact your regional coordinator for more information.



CHAPTER 4

# NSE INSTITUTE

## YOUR LEARNING MANAGEMENT SYSTEM

THE NSE INSTITUTE IS FORTINET'S LEARNING MANAGEMENT SYSTEM. IT HOSTS COURSEWARE EXAMS FOR NSE 1–3, SELF-PACED TECHNICAL TRAINING FOR NSE 4–7, AND MANAGES YOUR PROGRESS.

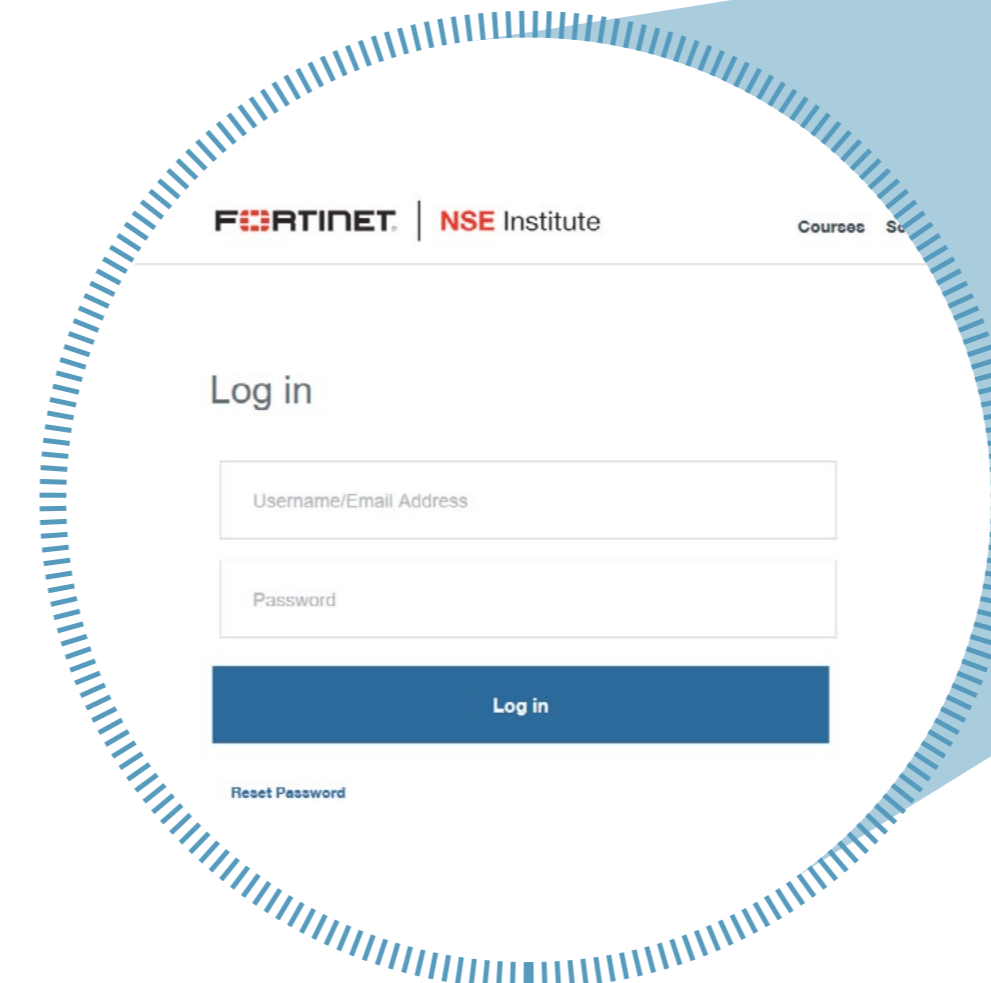
## ACCESSING THE NSE INSTITUTE

### Step 1

To create a public account, enter the following URL in your browser (Google Chrome is recommended): [training.fortinet.com](https://training.fortinet.com). In the upper-right corner of the screen, click ▶ **Sign up**. After you have completed the mandatory fields, click ▶ **Submit**.

### Step 2

Then, log in using your company email address. The following image should appear:



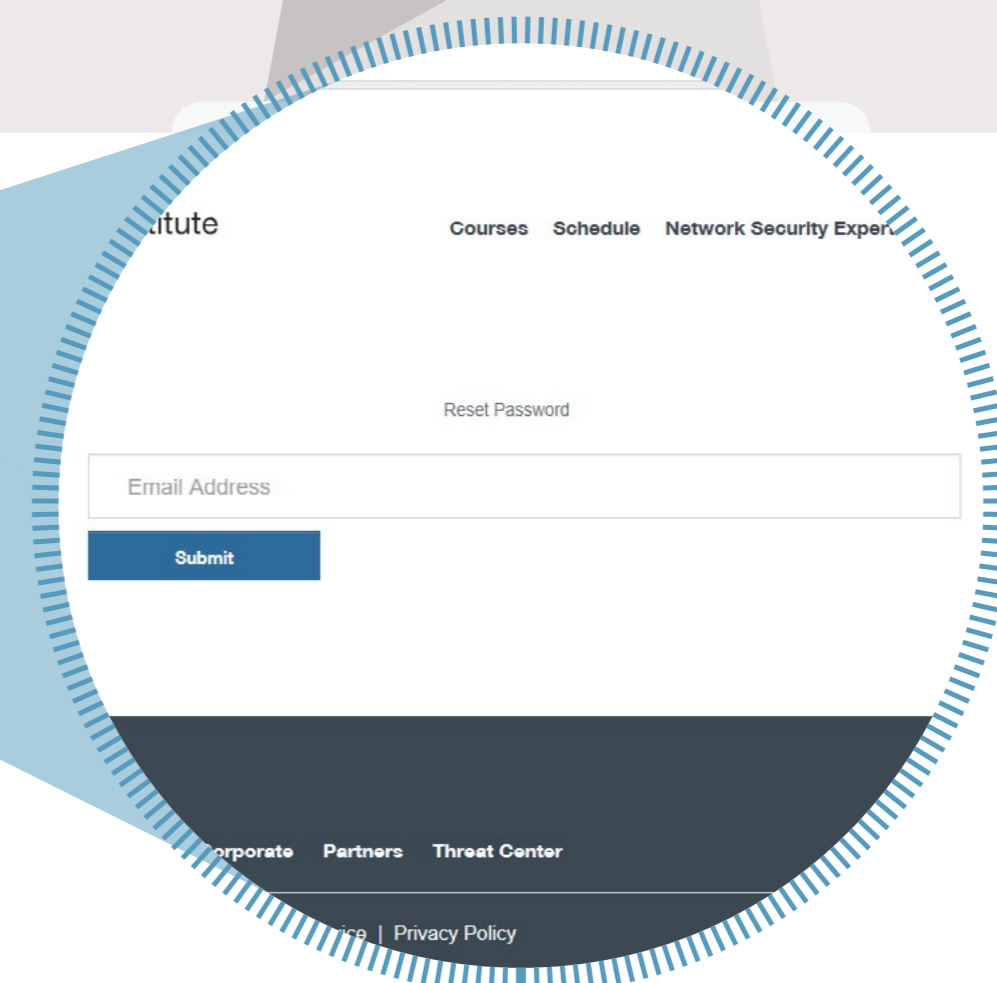
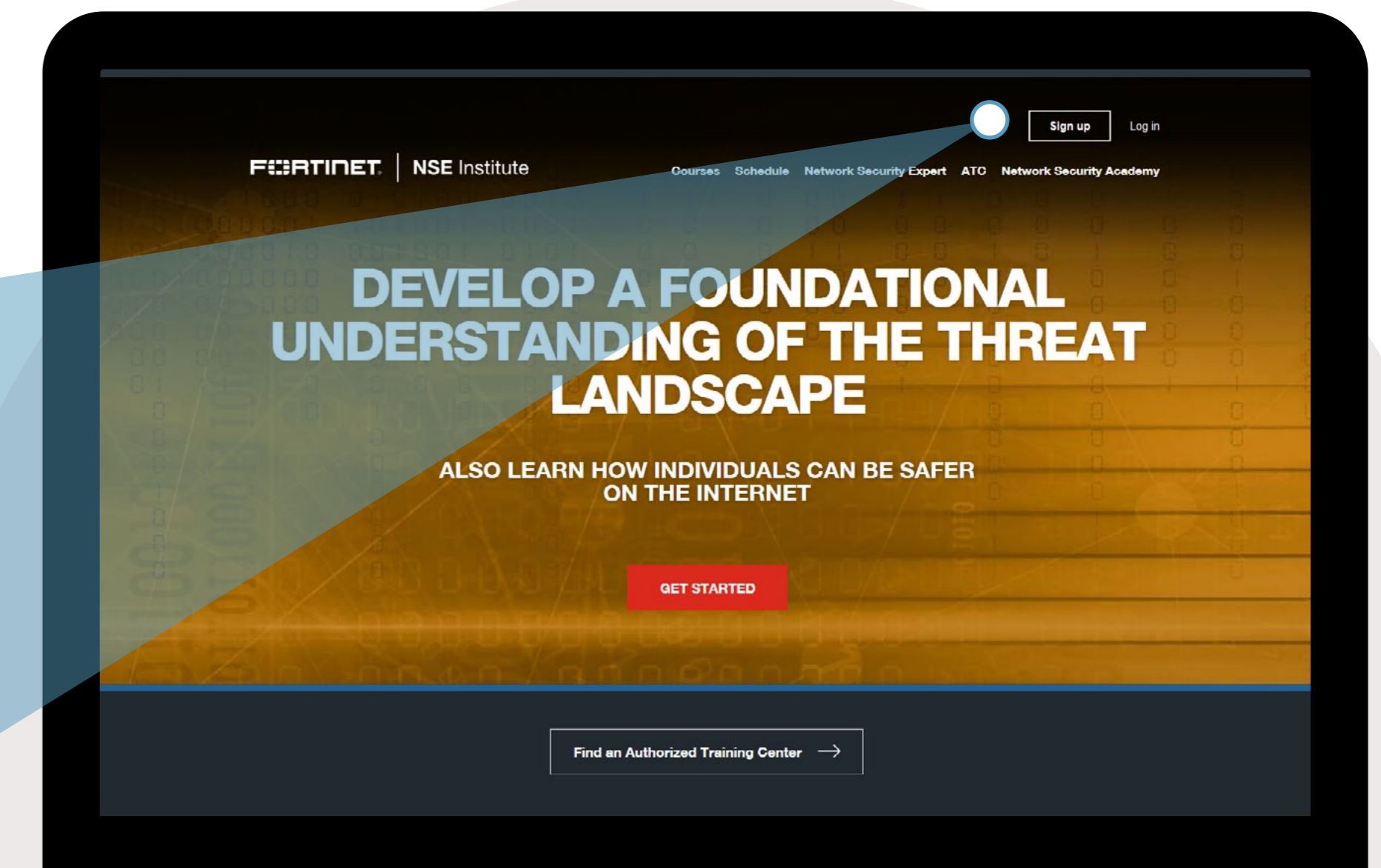
### Step 3

At the top of the NSE Institute page, click the menus to view course listings, a current schedule of classes, and NSE courses.

If necessary, click the following link to reset your password for your public user account: [training.fortinet.com/login/forgot\\_password.php](https://training.fortinet.com/login/forgot_password.php).

### Step 1 – NSE Institute Home Page

Picture 1



## COURSE ENROLLMENT

You can enroll in the NSE 1–3 courses and complete the quizzes using a public account.

NSE 4–7 courses, and exam vouchers for NSE 4–8, must be purchased from a local reseller. If you don't already have a reseller, visit [www.fortinet.com/partners/reseller\\_locator/locator.html](http://www.fortinet.com/partners/reseller_locator/locator.html) to locate a reseller near you.

Resellers will be happy to provide pricing information.

For enrollment assistance, please contact your regional training coordinator: [training@fortinet.com](mailto:training@fortinet.com), [emeatraining@fortinet.com](mailto:emeatraining@fortinet.com), or [apactraining@fortinet.com](mailto:apactraining@fortinet.com). The coordinator will register you manually.

## COURSE COMPLETION

Course completion certificates are available after you complete the self-paced activities and labs. Course completion certificates are available on your dashboard, under **Completed Courses**.

## VIEWING YOUR PROGRESS

You can view your completed courses, and courses in progress, on your dashboard.

### Step 1

Click ▶ **Dashboard**.

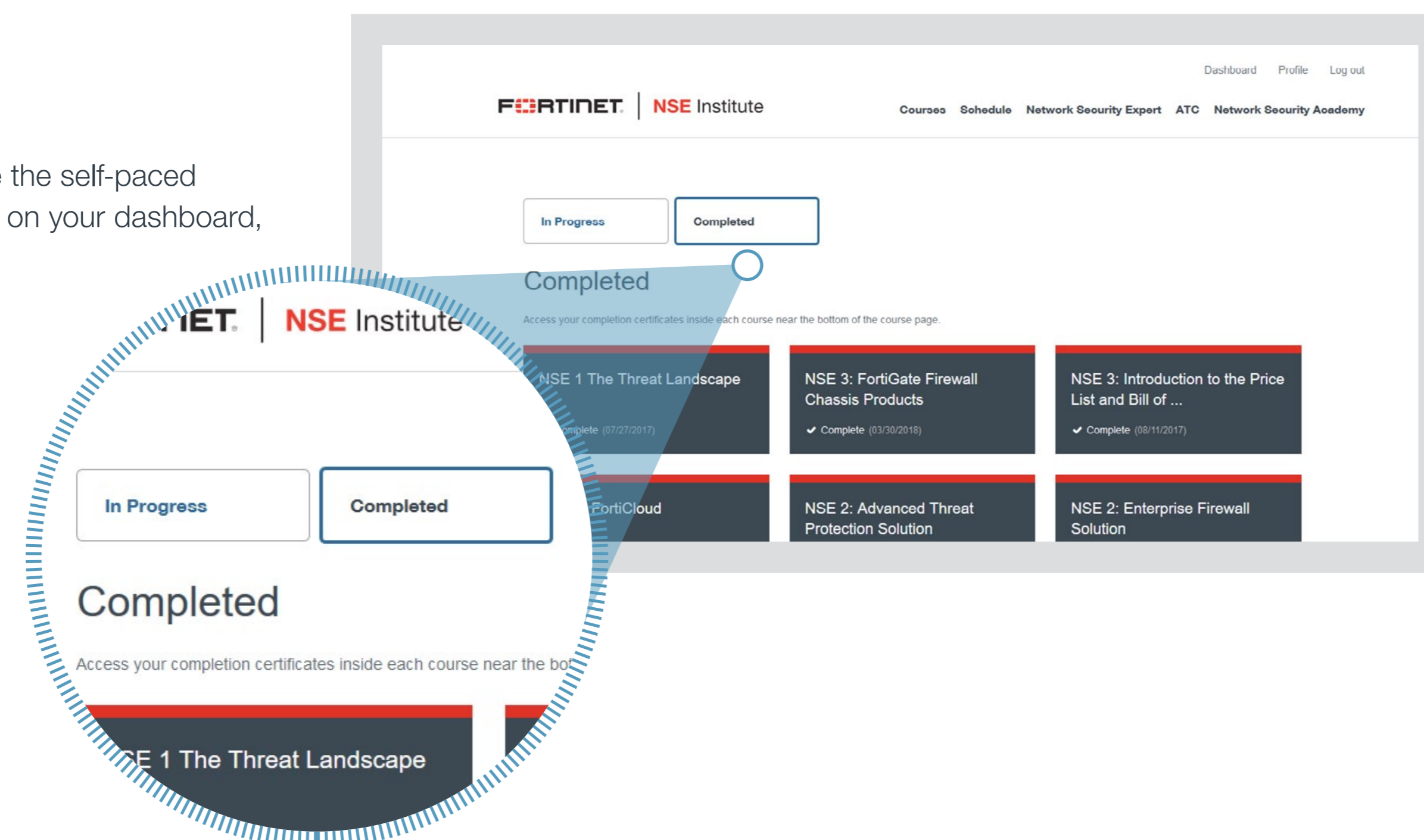
### Step 2

Do one of the following:  
*See picture 2.*

- | To see courses you have completed, click ▶ **Completed**.
- | To see courses you are currently enrolled in, click ▶ **In Progress**.

### Step 2 – Your Progress

Picture2



## PRINTING CERTIFICATES

Course completion certificates are available after you complete the self-paced activities and labs. Course completion certificates are available on your dashboard, under **Completed Courses**.

### Step 1

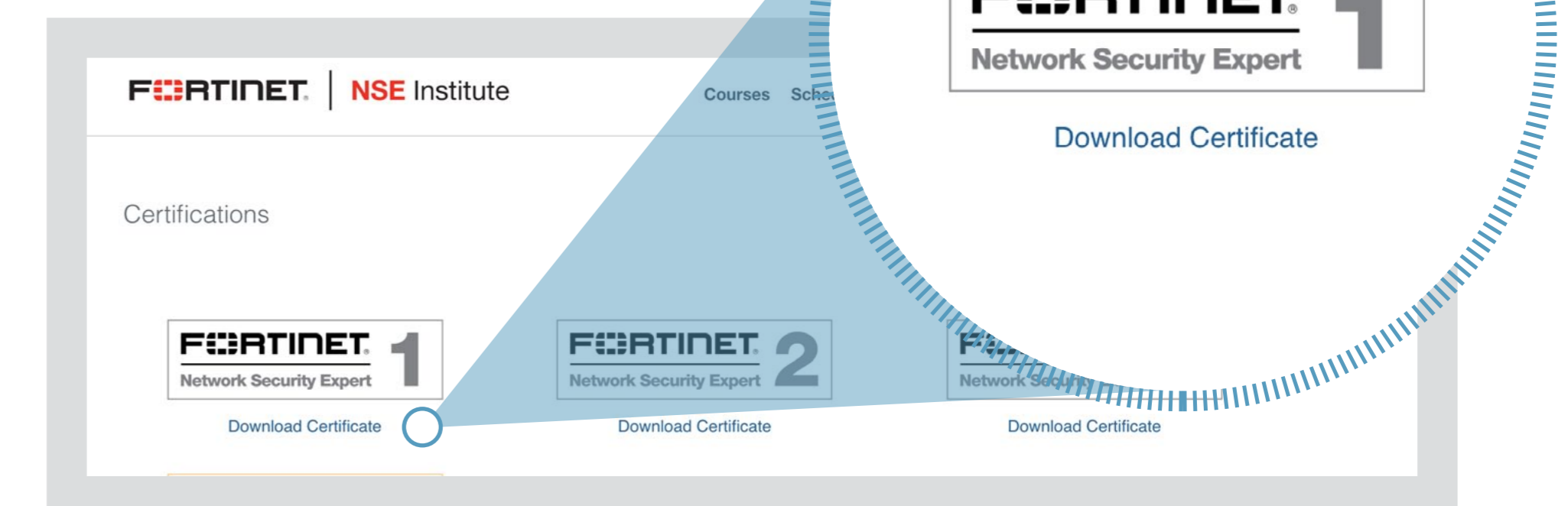
Click ▶ **Profile**.

### Step 2

Below the badge that represents the certificate you'd like to download, click ▶ **Download Certificate**.  
*See picture 3.*

### Step 2 – Level Certificates

Picture 3



## TRANSFERRING CREDITS

If you received NSE certifications while working for a previous employer and want to transfer your NSE certifications to your new employer, you should contact your training team to request a transfer of credits.

## CHAPTER 5

# FAQ

## QUESTIONS AND ANSWERS

USE THIS CHAPTER TO FIND ANSWERS TO ADDITIONAL QUESTIONS REGARDING THE NSE PROGRAM.

## WHERE CAN I ACCESS THE NSE INSTITUTE AND HOW CAN I RESET MY PASSWORD?

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To access the NSE Institute, use your company email address only.

Enter the following URL in your browser (Google Chrome is recommended): [training.fortinet.com](https://training.fortinet.com), and click ▶ **Log in**.

At the top of the NSE Institute page, click the menus to view course listings, a current schedule of classes, and NSE courses.

If necessary, click the following link to reset your password for your public user account: [training.fortinet.com/login/forgot\\_password.php](https://training.fortinet.com/login/forgot_password.php).

## IF I ATTEND COURSE, DOES IT MEAN I AM CERTIFIED?

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Attending a course does not mean you are certified.

To be certified, you must pass an exam at a Pearson VUE Authorized Test Center. Certificates earned through Pearson VUE will appear in your profile on the NSE Institute within five business days after you pass your exam.

## WHERE CAN I PURCHASE A FORTINET COURSE OR EXAM VOUCHER?

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NSE 1–2 courses and quizzes are available free of charge.

NSE 4–7 courses and NSE 4–8 exam vouchers must be purchased from a local reseller. Resellers will be happy to provide pricing information.

Each voucher can only be used once.

If you don't already have a reseller, visit [www.fortinet.com/partners/reseller\\_locator/locator.html](https://www.fortinet.com/partners/reseller_locator/locator.html) to locate a reseller near you.

## I CANNOT ENROLL MYSELF IN CLASSES ON THE NSE INSTITUTE. IS THAT NORMAL?

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You can enroll for the NSE 1–2 courses and complete the quizzes using a public account.

For NSE 4–7 courses, your regional training coordinator will enroll you in the requested class: [training@fortinet.com](mailto:training@fortinet.com); [emeatraining@fortinet.com](mailto:emeatraining@fortinet.com), or [apactraining@fortinet.com](mailto:apactraining@fortinet.com) once the purchase order has been received.

## ACCESSING AND COMPLETING COURSES

### Where can I find information on upcoming training courses?

When you log in to the [NSE Institute](#), you can use the search field on the home screen to find upcoming courses.

### When do I receive confirmation of enrollment in a class?

As soon as you are enrolled in a class or a lab, your enrollment appears on your dashboard on the NSE Institute.

- | **When a student is enrolled** in a FortiGate Security or FortiGate Infrastructure lab, a notification is sent by email as soon as the enrollment is complete.
- | **When Fortinet receives the purchase order** from your partner, including your contact information, for specific classroom training, Fortinet immediately sends you a confirmation of purchase. Then, 14 days before the training starts, you will receive a classroom-based training confirmation with the training address, office access information, and some logistics details.
- | **For vILTs or facilitated labs**, an enrollment reminder will be sent by the instructor five days before the training begins.

### How many seats are available for each session?

- | **An unlimited number of candidates** can participate in the self-paced versions of any training available.
- | **The number of seats** that candidates can reserve in the instructor-led facilitated labs, virtual instructor-led training, and classroom training is limited to 12.

### How do I access the NSE online training classes?

- | **Online training classes** are available on the NSE Institute. Log in to the [NSE Institute](#), and then click ▶ **Training**.
- | **If you do not have credentials for the NSE Institute**, please sign up with using your company email address, or contact your local training coordinator. **Do not use your personal email address or an alias.**
- | **If you transfer to another company**, contact your training team to request a transfer of your credits.

### Are all courses available online?

NSE 1–2 and NSE4–7 are available online as a self-paced training or as virtual instructor-led training.

**All courses are available online except two courses:** FortiWI-FI and FortiDDoS (NSE 6) which require hardware.

### What happens if I register for a course and cannot attend?

If you are unable to attend a class that you registered for, notify your regional training coordinator before the class begins to be removed from the session.

Learn more about our [Training Cancellation Policy](#).

## CERTIFICATION AND TRANSCRIPTS

### Where can I take a Fortinet exam?

Once you receive an exam voucher, you can take exams at the following locations:

- | **The NSE 1–2 quizzes**, on the [NSE Institute](#).
- | **The NSE 4 to NSE 8 written exams**, at a [Pearson VUE Authorized Test Center](#). There are thousands of test centers worldwide.
- | **The NSE 8 practical exam**, in person at a Fortinet site or remotely from Fortinet in authorized locations. Please contact your regional coordinator for more information.

#### Note

*Log in using your company email address.*

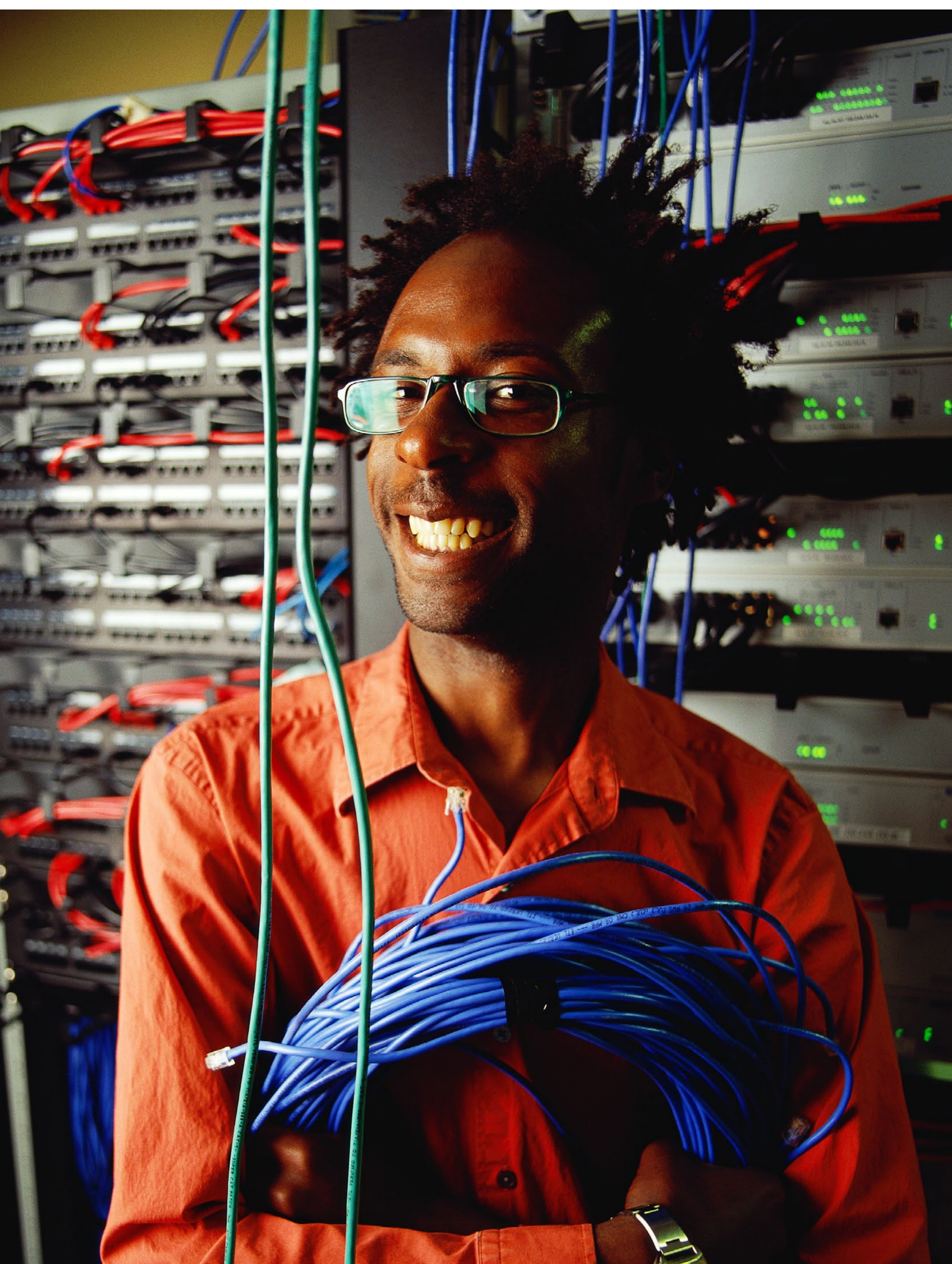
### Where can I find the NSE 8 Public Handbook to prepare myself for the NSE 8 certification exams?

Fortinet does not offer NSE 8 courses, however, the NSE 8 Public Handbook is a guide the candidate can use to identify gaps in and improve their knowledge:

[www.fortinet.com/content/dam/fortinet/assets/training/NSE\\_8\\_Certification\\_Public\\_Handbook.pdf](http://www.fortinet.com/content/dam/fortinet/assets/training/NSE_8_Certification_Public_Handbook.pdf)

To view an NSE 8 exam description, visit: [www.fortinet.com/content/dam/fortinet/assets/training/NSE8\\_Certification\\_ExamDescription.pdf](http://www.fortinet.com/content/dam/fortinet/assets/training/NSE8_Certification_ExamDescription.pdf)

For answers to your questions, visit the NSE 8 FAQ: [www.fortinet.com/content/dam/fortinet/assets/training/NSE8\\_Certification\\_ExamFAQ.pdf](http://www.fortinet.com/content/dam/fortinet/assets/training/NSE8_Certification_ExamFAQ.pdf)



## CERTIFICATION AND TRANSCRIPTS

*Continued*

### How long does it take to prepare and be certified at each level?

The time required to prepare for any level of the NSE program depends on the time a candidate spends studying, the experience they possess, and aptitude. Candidates can potentially complete lower levels of the program quickly. The mid to upper-level technical levels of NSE 4–7 require a greater investment in time and resources in order to attend more formal training, proctored labs, and exams. NSE 8, depending on the candidate's experience, can require many months of preparation. NSE 8 is the expert-level, assessment-only part of the program and is intended only for very experienced technical professionals.

### How can I download and print my NSE certificate or logo?

#### Step 1

If you are not already logged in to the NSE Institute, log in following the steps in [Accessing the NSE Institute](#).

#### Step 2

Click ▶ **Profile**

#### Step 3

Click the certificate you want to download or print. The logo will appear.

#### Step 4

▶ **Print** the certificate or logo.

#### Note

*Candidates can print and download each certificate on their profile on the NSE Institute. Fortinet does not send certificates automatically.*

### When will I receive my certificate?

- | **NSE 1–2 certificates are available** within two hours of completing the last qualifying course.
- | **NSE 4, 5, 6, and 7 certificates** earned through Pearson VUE will appear in your profile within five business days after passing your exam.

NSE 8 certification is awarded after the candidate passes both the written and the practical exams. NSE 8 written exam results will not be reflected on the NSE Institute. The candidate will receive a document showing the overall results: pass or fail. No further detail is provided. After the candidate passes the NSE 8 practical exam, the NSE 8 certification will be visible in the candidate's profile approximately one month later.

### How can I view my progress on the NSE Institute?

#### Step 1

If you are not already logged in to the NSE Institute, log in following the steps in [Accessing the NSE Institute](#).

#### Step 2

Click ▶ **Dashboard**

#### Step 3

Do one of the following:

- | To see the courses you are enrolled in, and the self-paced lessons you have started, click ▶ **In Progress**.
- | To see the courses you have finished, click ▶ **Completed**.



## CERTIFICATION RENEWAL

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### How long are my NSE certificates valid?

All individual NSE certifications expire after two years.

### Certification Renewal Policy

- | Passing the NSE 7 exam automatically renews your previously-obtained, valid NSE 4, 5 and 6 certifications.
- | Passing the NSE 8 exam automatically renews your certifications for all previously obtained lower levels, whether valid or not.

### Do I have to retake courses to renew my certifications?

It is highly recommended that you retake courses to renew your certifications, but it is not mandatory.

### FortiOS has been upgraded since I took my courses. Can I take the older NSE exam?

Upon the release of a new FortiOS version, the previous version will remain available for six months on the NSE Institute and at Pearson VUE Authorized Test Centers.

CHAPTER 6

# CONTACTS

## HOW TO CONTACT US

FORTINET IS HEADQUARTERED IN SUNNYVALE, CALIFORNIA, AND HAS OFFICES AROUND THE GLOBE.

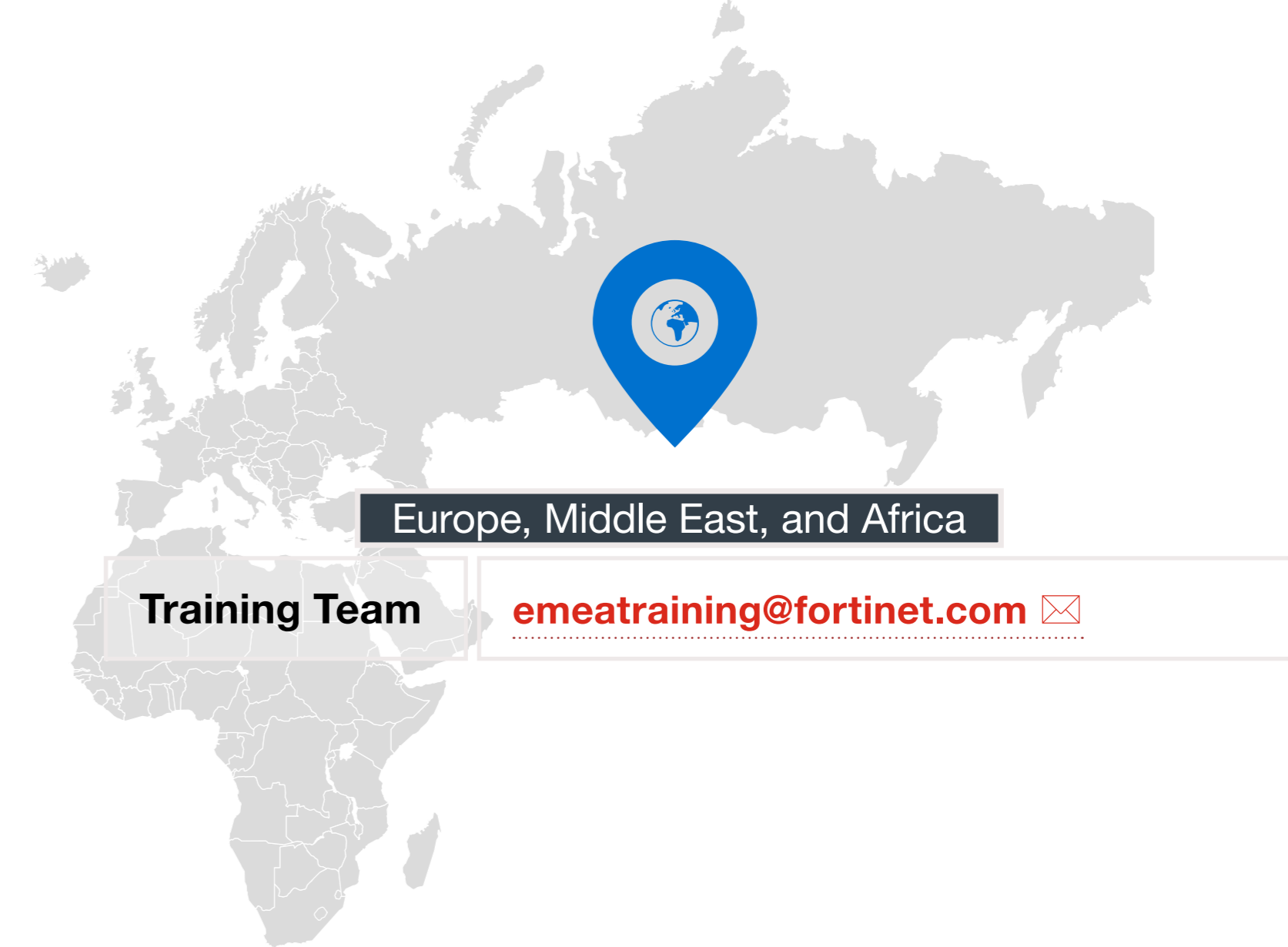
USE THE INFORMATION IN THIS SECTION TO CONTACT LOCAL FORTINET TRAINING TEAMS.

FOR A FULL LIST OF FORTINET OFFICES, PLEASE VISIT [www.fortinet.com/corporate/about-us/global-offices.html](http://www.fortinet.com/corporate/about-us/global-offices.html)



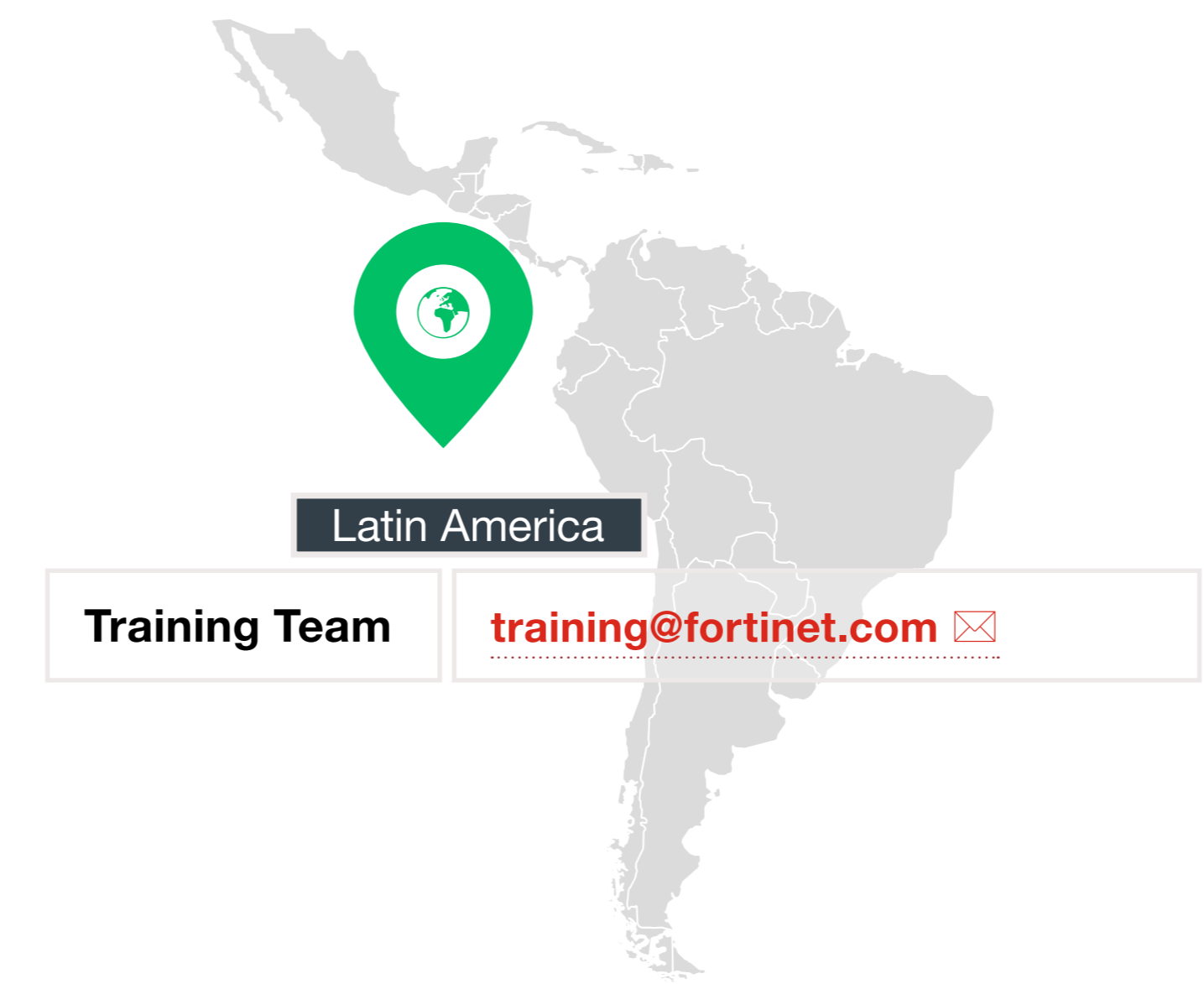
**North America**

**Training Team** [training@fortinet.com](mailto:training@fortinet.com)



**Europe, Middle East, and Africa**

**Training Team** [emeatraining@fortinet.com](mailto:emeatraining@fortinet.com)



**Latin America**

**Training Team** [training@fortinet.com](mailto:training@fortinet.com)



**Asia Pacific**

**Training Team** [apactraining@fortinet.com](mailto:apactraining@fortinet.com)

Additional NSE Contacts	
<b>NSE Program and Certifications</b>	<a href="mailto:nse@fortinet.com">nse@fortinet.com</a>
<b>Courseware Content</b>	<a href="mailto:courseware@fortinet.com">courseware@fortinet.com</a>
<b>Authorized Training Centers (ATC)</b>	<a href="mailto:atc@fortinet.com">atc@fortinet.com</a>

## CHAPTER 7

# GLOSSARY

## ABBREVIATIONS, ACRONYMS, AND TERMS

THIS LIST CONTAINS ABBREVIATIONS, ACRONYMS, AND TERMS, NOT JUST ACRONYMS. SO, IF YOU LIST ONE, YOU MUST LIST THEM ALL.

### ATC

Fortinet Authorized Training Center. Some public classroom courses can be delivered in the local language by a Fortinet certified instructor at the ATC's site. ATCs provide the same course materials and instruction used in Fortinet-delivered training. ATCs are selected very carefully by Fortinet, and there is a legal agreement signed by both parties.

Visit [www.fortinet.com/support-and-training/training/learning-center.html](http://www.fortinet.com/support-and-training/training/learning-center.html) to locate a Fortinet ATC in your region.

### Exam voucher

Candidates request exam vouchers to take NSE 4–7 and NSE 8 written exams at a Pearson VUE Authorized Test Center. Candidates request exam vouchers to take the NSE 8 practical exam either remotely, or in person at one of Fortinet's NSE 8 test centers.

### Fortinet Instructor

An NSE-certified trainer and permanent Fortinet employee who has extensive experience in the network security industry.

### ILT

Instructor-led training: Traditional, classroom training. A live instructor and students are located together in a physical classroom.

### NSE Institute

Fortinet's learning management system. The NSE Institute hosts courseware exams for NSE 1 and self-paced training for NSE 4 through NSE 7, and manages progress for all candidates.

### NSE 1

Candidates acquire the NSE 1 Security Associate certification by passing the quizzes. The objective of this level is to develop a foundational understanding of the ever-increasing threat landscape, and common network security concepts.

### NSE 2

Candidates acquire an introduction of the types of security products that have been developed by the security industry to address the threat landscape that was introduced in NSE 1. Individual Fortinet products are introduced in each lesson.

### NSE 3

This sales training is available for Fortinet employees and partners only.

### NSE 4

Candidates acquire the NSE 4 Professional certification by passing the exam. The objective of this level is to develop the knowledge required to manage the day-to-day configuration, monitoring, and operation of FortiGate devices, to support corporate network security policies.

### NSE 5

Candidates acquire the NSE 5 Analyst certification by passing at least two Specialist exams. The objective of this level is to develop a detailed understanding of how to implement network security management and analytics.

### NSE 6

Candidates acquire the NSE 6 Specialist certification by passing a minimum of four exams. The objective of this level is to develop an understanding of the fabric products that augment FortiGate, to provide deeper and more comprehensive network security.

### NSE 7

Candidates acquire the NSE 7 Architect certification by passing at least one of the NSE 7 exams. The objective of this level is to develop the knowledge required to implement, troubleshoot, and centrally manage an enterprise security infrastructure comprising multiple FortiGate devices.

### NSE 8

Candidates acquire the NSE 8 Expert certification by passing the written and practical exams. The objective of this level is to develop the ability to design, configure, install, and troubleshoot a comprehensive network security solution in a live environment.

### Partner

FortiPartners form a network of highly qualified distributors and resellers committed to the same objectives as Fortinet: providing world-class products, services, and technical support to our customers. Fortinet's partners can address and resolve inquiries relating to basic networking and configuration, and can advise you on the products and services that best fit your organization's needs. If you want to purchase a course or an exam voucher, please visit the partner locator to contact one of our partners: [www.fortinet.com/partners/partner-program/find-a-partner.html](http://www.fortinet.com/partners/partner-program/find-a-partner.html).

### Pearson VUE Authorized Test Center

Test centers where candidates can take Fortinet exams (NSE 4–7, and NSE 8



written). There are thousands of exams center worldwide. To find a test center or schedule an exam, visit [www.pearsonvue.com/fortinet](http://www.pearsonvue.com/fortinet).

### Private onsite training

Training delivered by a Fortinet trainer who is dedicated to a single customer and teaches one or several classes at the customer's site. The content can be standard or customized.

### Self-paced training with facilitated labs

Flexible, online training. Candidates can learn at their own pace, on their own schedule, wherever they are. Candidates access prerecorded lessons and quizzes on the NSE Institute. After completing self-paced training, students can access the corresponding facilitated lab. Each facilitated lab corresponds to a specific time zone, and has a maximum number of seats.

### SKU

Stock keeping unit. Contact your local partner for prices for the following courses:

- | **FT-FGT-SEC:**  
SKU for NSE 4 FortiGate Security training – 3 days
- | **FT-FGT-INF:**  
SKU for NSE 4 FortiGate Infrastructure training – 2 days
- | **FT-FAZ:**  
SKU for NSE 5 FortiAnalyzer training – 1 day
- | **FT-FMG:**  
SKU for NSE 5 FortiManager training – 2 days
- | **FT-FSM:**  
SKU for NSE 5 FortiSIEM Basic training – 3 days
- | **FT-FAD:**  
SKU for NSE 6 FortiADC Training – 1 day
- | **FT-FAC:**  
SKU for NSE 6 FortiAuthenticator training – 2 days
- | **FT-FDD:**  
SKU for NSE 6 DDoS training – 1 day

- | **FT-FML:**  
SKU for NSE 6 FortiMail training – 3 days
- | **FT-NAC:**  
SKU for NSE 6 FortiNAC Training - 3 days
- | **FT-FWB:**  
SKU for NSE 6 FortiWeb training – 3 days
- | **FT-FWF:**  
SKU for NSE 6 Fortinet Integrated and Cloud Wi-Fi training – 2 days
- | **FT-FWC:**  
SKU for NSE 6 FortiWLC training – 3 days
- | **FT-ATP:**  
SKU for NSE 7 Advanced Threat Protection training – 2 days
- | **FT-EFW:**  
SKU for NSE 7 Enterprise Firewall training – 3 days
- | **FT-SAC:**  
SKU for NSE 7 Secure Access training – 2 days
- | **FT-PRV-CDS:**  
SKU for NSE 7 Private Cloud Security – 2 days
- | **FT-PUB-CDS:**  
SKU for NSE 7 Public Cloud Security – 2 days
- | **NSE-EX-CERT:**  
Voucher for single access to:  
– NSE 4 Network Security Professional exam  
– NSE 7 Network Security Architect exam  
– NSE 8 written exam
- | **NSE-EX-SPL5:**  
Voucher for single access to any NSE 5 Specialist exam: FortiManager, FortiAnalyzer, or FortiSIEM
- | **NSE-EX-SPL6:**  
Voucher for single access to one the following NSE 6 Network Security Specialist

exams. To be NSE 6 certified, the candidate should successfully pass at least four of the following exams:

- FortiADC-D
- FortiAuthenticator
- FortiDDoS
- FortiMail
- FortiNAC
- FortiWeb
- Fortinet Integrated and Cloud Wi-Fi Specialist
- FortiWLC

- | **NSE-EX-BUN6:**  
The NSE 6 Exam Bundle. Four single Pearson VUE access to NSE 6 Specialist Exams will be provided.
- | **NSE8-EX-PRL8:**  
Seat (one attempt) for the NSE 8 practical exam at a Fortinet NSE 8 test center (located in Florida or France), or remotely. Please contact your regional training coordinator for more information about taking the exam remotely.
- | **FT-ONSITE:**  
SKU for the daily price per student for private, onsite training (quote is required)
- | **FT-ONSITE-MIN:**  
SKU for private, onsite training for small groups of up to 5 students and 3 days (quote is required)
- | **FT-CUSTOM:**  
SKU for private, onsite customization work
- | **FT-TRVL:**  
SKU for travel and other expenses for private, onsite classes

### Training

Lessons tailored by our instructors who teach in English, as well French, Canadian French, Italian, Hindi, Kannada, Philipino, Tamil, Tagalog, Taglish, and Telugu.

### vILT

Virtual instructor-led training. Live, remote, instructor-led training delivered over the Internet. Candidates attend sessions using an online classroom application, such as GoToTraining.

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