

SONICWALL NETWORK SECURITY ADMINISTRATOR (SNSA) FOR SONICOS 7 COURSE

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Description

The **SonicWall Network Security Administrator (SNSA) for SonicOS 7** curriculum provides students the required background, knowledge, and hands-on experience to begin designing, implementing, and troubleshooting SonicWall Network Security products. SonicOS 7 is SonicWall's security operating system and is at the core of its latest physical and virtual firewalls, including models from the TZ, NS*v*, NS*a* and NS*sp* Series. SonicOS 7 features advanced security, simplified policy management, and critical networking and management capabilities for distributed enterprises and small- to medium-sized businesses with SD-branch support.

Course Objectives

This course will enable students to configure, monitor, manage, and optimize the SonicWall Network Security firewall appliances running the new SonicOS 7 to effectively defend against limitless network and cyberthreats and implement SonicWall Boundless Cybersecurity safeguards for seamless protection. Formative evaluations (knowledge checks and hands-on classroom exercises) are incorporated throughout the course. Upon completion of the course, students will be able to configure the SonicWall firewall for Secure and Remote Connectivity, Network Optimization, and Advanced Threat Protection.



Training Delivery Modality

A flexible and learner-centric blended curriculum that combines online learning with hands-on, instructor-led classroom training:

- **eLearning:** This course begins with fully immersive, self-paced online training modules that showcase the unique features and functionality of SonicOS 7 in a simulated application environment. These training modules also include interactive simulations that will guide you in leveraging the unique NGFW capabilities of a SonicWall NS*v* firewall. The eLearning course takes approximately **4 hours** to complete.

***Activation keys are required to access the course modules.** Keys will be provided to you by your instructor approximately one week prior to the start of class.

- **Instructor-Led Training:** The instructor-guided portion of the curriculum provides a suite of intensive ILT scenario-based sessions wherein you learn, in a risk-free lab environment, how to configure the SonicWall Next-Gen NS*v* firewall for network security, control, and visibility. The instructor-led training class takes place over **2 business days**.

The blended learning approach of the SNSA training program aims to not only enhance your learning experience but also accommodate your busy schedule.

eLearning Course

Completing the eLearning modules prior to attending the classroom-based portion of the **SNSA** training course is highly recommended. The contextual learning that these training modules enable will ensure a more thorough grasp of the security features and protocols taught in the instructor-led class.

Note that you are required to complete both eLearning and classroom training before taking the comprehensive certification exam, which covers both parts of the course.

Intended Audience

The SNSA course is recommended for all security professionals, system engineers, channel partners, service partners, and end users with at least one year of experience in implementing IT security technologies (Network, Applications, and Systems).

Prerequisite Knowledge and Skills

- High-level understanding of networking fundamentals and architecture, including OSI model, IP addressing, dynamic routing, switching, cloud and virtualization, network topologies and connectivity, wired and wireless networks, system backup and recovery, network applications and peripherals, network management protocols, etc.
- Knowledge of enterprise security concepts and technologies, such as firewalls, gateways, VPN architecture, threat protection, content filtering, NAT, IPSec, SSL, DPI, zones, encryption and cryptography, access control, Identity management, security compliance policies, latest cyber threats and vulnerabilities. You can prepare with the following SonicWall University courses:
  - Networking and Cybersecurity Basics
  - SonicOS Essentials and Networking Basics

Course Syllabus

eLearning Modules:

1. Getting Started
2. Using Wizards
3. Configuring Network Settings
4. Managing User Accounts
5. Configuring Route Policies
6. Managing Logs
7. Monitoring and Reporting
8. Enabling Firewall Diagnostics
9. Unified Firewall Management with SonicWall Network Security Manager (NSM)
10. Endpoint Security with SonicWall Capture Client (CC)

Instructor-Led Training:

1. Setting up Basic Firewall Components
2. Unified Threat Management
3. Secure Access
4. Deep Packet Inspection for SSL (DPI-SSL)
5. Content Filtering Services
6. Application Control
7. Scalability and Reliability
8. SD-WAN
9. High Availability
10. Troubleshooting Tools

How to Register for Instructor-Led Training

To register for instructor-led training with an Authorized Training Partner:

1. Go to SonicWall University and log in to your account. Select the SecureFirst login if you are a SecureFirst partner. If you are not a SecureFirst partner, select the Public login and use your MySonicWall account credentials.
2. Under **Certifications** in the navigation menu, select ATP Class Schedule
3. Click **Access Website** to access the ATP's website and register for the class.
4. The ATP will provide the activation link to access the eLearning approximately one week prior to the beginning of class. Completing the eLearning course prior to attending the class is highly recommended.

To register for a SonicWall Delivered Training class:

1. Go to SonicWall University and log in to your account. Select the SecureFirst login if you are a SecureFirst partner. If you are not a SecureFirst partner, select the Public login and use your MySonicWall account credentials.
2. Under **Certifications** in the navigation menu, select SonicWall Delivered Training
3. Select a class from the list, then click the **Register & Pay** button.
4. Your instructor will provide the activation link to access the eLearning approximately one week prior to the beginning of class. Completing the eLearning course prior to attending the class is highly recommended.



Certification Exam

To access the SNSA certification exam:

1. Log in to your SonicWall University account.
2. The SNSA Exam page will be accessible through a link at the bottom of the eLearning course page. You must complete the eLearning to activate the Exam access link.
3. The SNSA exam is proctored. If you take and pass the exam, you will receive a notification within four business days with the final status of your exam. Because this is a proctored exam, you will be required to take the exam on a single-monitor computer. Your webcam and microphone must remain functional throughout the exam. Additional resources are not allowed with the exception of Google Translate. More details can be found on the exam page.
4. If you did not pass the exam, you may purchase an additional attempt test key from the exam page at SonicWall University.

- Completing the instructor-led training and eLearning course grants you access to the certification exam. The certification exam is available online via your SonicWall University Account. Any participant who successfully completes this course and passes the certification exam will be deemed a Certified SonicWall Network Security Administrator (SNSA).
- Your eLearning course key includes access to the exam, providing one exam attempt.
- The exam is administered outside the class. You are given 180 minutes for 60 questions. A passing score is 75% or higher. The exam covers all course material, including eLearning content, eBook, and ILT content.
- At the end of the exam, you are immediately notified of your exam score, and the exam will be reviewed by the proctoring software and certification review team. The exam review process can take up to four business days. Upon successfully passing the exam, you will be sent an email containing your SNSA certificate.
- In addition, you can view your certification details, such as the certification expiration date, in your profile's Badges and Certifications on SonicWall University. You can also print your certificate and access the SNSA certification logo for use on your business cards, email signatures, and resumé.

Duration of Certification

All SonicWall Certifications are good for two years from the date that you pass the exam. After their two-year certification expires, students can recertify once for another two years by retaking and passing the same certification exam.

SONICWALL CERTIFICATION PATH

1 Prepare for Your Certification

Complete the SNSA eLearning course. = SonicWall Firewall & SonicOS Knowledge

2 Get Your SNSA Certification

SonicWall Firewall & SonicOS Knowledge + SonicWall Network Security Administrator Course and Exam = SONICWALL NETWORK SECURITY ADMINISTRATOR

3 Get Your SNSP Certification

SONICWALL NETWORK SECURITY ADMINISTRATOR + SonicWall Network Security Professional Course and Exam = SONICWALL NETWORK SECURITY PROFESSIONAL

+ Get Your SMAA Certification

Complete the SMAA eLearning course and Exam. = SONICWALL SECURE MOBILE ACCESS ADMINISTRATOR



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