SONICWALL®

NETWORK SECURITY ADMINISTRATOR

SONICWALL NETWORK SECURITY ADMINISTRATOR (SNSA) FOR SONICOS 7 COURSE

Description

The **SonicWall Network Security Administrator (SNSA) for SonicOS 7.0** 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 brand new and most advanced 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 7.0 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. 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.

*__Activation keys are required to access the course modules__ and can be obtained by your [Authorized Training Partner](#) when you enroll in the instructor-led 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 blended learning approach of the SNSA training program aims to not only enhance your learning experience but also accommodate your busy schedule.

eLearning Prerequisite

Completing the eLearning modules is a **prerequisite** for attending the classroom-based portion of the **SNSA** training course. 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.

Certification Exam

Successful completion of the **SNSA** curriculum qualifies you to take the **SonicWall Network Security Administrator (SNSA) Certification Exam**. While this exam is not taken in the classroom, you will have access to it online via SonicWall University using the unique exam key provided to you upon completion of your instructor-led class. For more information about certification paths, visit the Certification Programs page.

Duration

The self-paced eLearning component of the **SNSA** blended training program takes approximately 4 hours to complete, while the instructor-led class is two business days in length.

Intended Audience

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, etc. You can prepare with the following SonicWall University courses:
    - » [Network Security Technology Overview](#)
    - » [Network Security Essentials](#)
    - » [Advanced Network Security](#)

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

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Student Assessment

- Formative evaluations (knowledge checks and hands-on classroom exercises) are incorporated throughout the course. The Certification exam is available online via your personal or work SonicWall University Account. You will be given a single use activation key that will allow you to access the exam. Any participant who successfully completes this course and passes the certification exam will be deemed a Certified SonicWall Network Security Administrator (SNSA).

- 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 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. Upon successfully passing the exam, you will be sent an email containing your SNSA certificate. It takes up to three business days for the exam results to be published in SonicWall University

- In addition, you can view your certification details, such as the certification expiration date, in your profile on SonicWall University. You can also print your certificate and access the SNSA certification logo for use on your business cards, email signatures, and resume.

Duration of Certification

All SonicWall Certifications are good for two years from the date that you pass the exam.

For more information, email training@sonicwall.com

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