



# SONICWALL NETWORK SECURITY ADMINISTRATOR

Course Code: 8429

This course will provide skills to successfully implement and configure SonicWall firewall appliances and security services.

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, NSv, NSa and NSsp 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.

Be advised that with the purchase of this class you will receive ONE FREE EXAM VOUCHER in order to help you pass the SNSA certification.

## What You'll Learn

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.

## Who Needs to Attend

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).

## Prerequisites

- 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.



# SONICWALL NETWORK SECURITY ADMINISTRATOR

Course Code: 8429

CLASSROOM LIVE

\$2,100 USD

2 Day

## Classroom Live Outline

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

## Classroom Live Labs

- Creating a Zone
- Creating a Sub-Interface
- Creating a Host Object
- Creating a Service Object
- Configuring Network Address Translation (NAT) Policies
- Configuring Access Rules
- Enabling Bandwidth Management
- Configuring Basic Threat Protection
- Configuring SonicWall Advanced Threat Protection
- Configuring the Global VPN Client
- Setting Up a Site-to-Site Virtual Private Network
- Establishing a Route-Based VPN
- Configuring LDAP
- Configure SSL VPN With LDAP

- Enabling Client DPI-SSL
- Configure CFS Policy
- Managing User Authentication with Single Sign-On
- Creating App Rules
- Application Bandwidth Optimizing
- App Control Advanced
- Configure WAN ISP Failover
- Configuring Basic High Availability



# SONICWALL NETWORK SECURITY ADMINISTRATOR

Course Code: 8429

VIRTUAL CLASSROOM LIVE	\$2,100 USD	2 Day
------------------------	-------------	-------

## Virtual Classroom Live Outline

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

## Virtual Classroom Live Labs

- Creating a Zone
- Creating a Sub-Interface
- Creating a Host Object
- Creating a Service Object
- Configuring Network Address Translation (NAT) Policies
- Configuring Access Rules
- Enabling Bandwidth Management
- Configuring Basic Threat Protection
- Configuring SonicWall Advanced Threat Protection
- Configuring the Global VPN Client
- Setting Up a Site-to-Site Virtual Private Network
- Establishing a Route-Based VPN
- Configuring LDAP
- Configure SSL VPN With LDAP

- Enabling Client DPI-SSL
- Configure CFS Policy
- Managing User Authentication with Single Sign-On
- Creating App Rules
- Application Bandwidth Optimizing
- App Control Advanced
- Configure WAN ISP Failover
- Configuring Basic High Availability

Apr 13 - 14, 2026 | 8:30 AM - 4:30 PM EDT

Jun 15 - 16, 2026 | 8:30 AM - 4:30 PM EDT

Aug 17 - 18, 2026 | 8:30 AM - 4:30 PM EDT

Nov 2 - 3, 2026 | 8:30 AM - 4:30 PM EST



# SONICWALL NETWORK SECURITY ADMINISTRATOR

Course Code: 8429

PRIVATE GROUP TRAINING

2 Day

Visit us at [www.globalknowledge.com](http://www.globalknowledge.com) or call us at 1-866-716-6688.

Date created: 1/26/2026 7:45:27 PM

Copyright © 2026 Global Knowledge Training LLC. All Rights Reserved.