

## Network Security Essentials:

### Audience:

System Engineers, Channel Partners, Service Partners, End Users

### Course Description:

- The Network Security Essentials (NSE) Course provides students the required background, knowledge and hand-on experience to begin designing, implementing and troubleshooting SonicWALL Security Appliances running **SonicOS Enhanced Firmware**.
- This course requires the previous completion of E-Learning courses. **It is NOT a substitute for the Prerequisite E-learning courses**. Prerequisite skills and knowledge are required – the first lab exercise is based on prerequisite knowledge and begins without formal instruction (see below for prerequisite details).
- The NS course culminates with the CSSA Certification exam for Network Security.

### Prerequisites:

#### General networking knowledge and experience:

- Basic knowledge of networking concepts, network topologies, and the OSI model of networking protocol stacks
- Understanding of TCP/IP, network addressing, subnets, and Network Address Translation (NAT)
- Knowledge of basic router concepts
- Familiarity with IPSec functionality and implementation

### eLearning:

- **Network Security Overview ~4 hrs online course):** For the student that is new to network security, SonicWALL offers the network Security Overview course. While this course is not a prerequisite course, it is strongly suggested.
- **Network Security Essentials (~6 hrs online course):** The foundation course for all others, the online Network Security Essentials course will provide you with critical foundational information concerning firewall technology, security risks and remediation and network security design and implementation considerations. Additionally you will learn how to configure and implement SonicWALL firewall appliances, and extend the firewall's capability using rules, security applications and other network specific functions and troubleshooting techniques.
- **Virtual Private Networking with SonicWALL (~6 hrs Online):** A critical follow-on to Securing Networks with SonicWALL OS, Virtual Private Networking with SonicWALL will give you a comprehensive education in core VPN technology, design and implementation considerations. You will also learn about SonicWALL specific VPN configuration and deployment as well as troubleshooting techniques.

### Format:

Instructor-led training with emphasis on hands-on exercises.

## Course Description:

**2 Day Course:** 8:00am-5:00pm

## Table of Contents

**Section 1:** Course Introduction

**Section 2:** Infrastructure

**Section 3:** Scalability and Reliability

**Section 4:** Secure Access and Control

**Section 5:** Unified Threat Management

**Section 6:** Application Firewall

## Student Assessment

Formative evaluations (knowledge checks and hands-on exercises) are incorporated throughout the course, and the last 2 hours of day two is reserved for an online certification exam. Any participant who successfully completes this course and passes the certification exam will be deemed a Certified SonicWALL System Administrator (CSSA). The exam is administered in the class by the instructor at the end of the 2-day course. 120 minutes are allotted for 50 questions. A passing score is 75% or higher. At the end of the exam you are immediately notified of your exam score and if you passed or failed the exam. Upon successfully passing the exam you will be sent an e-mail containing your CSSA certificate. In addition, you can view your certification details, such as the certification expiration date, on MySonicWALL. You can also print your certificate and access the CSSA certification logo for use on your business cards, e-mail signatures, and resume.

## Registration

For end-users, log into <http://www.sonicwall.com/us/589.html> for an updated schedule, pricing information, and to purchase a class. SonicWALL partners can access this information on PartnerLink.

For additional information, contact [training@sonicwall.com](mailto:training@sonicwall.com).