

Audience

System Engineers, Channel Partners, Service Partners, End Users

Course Description

This is a 2-day in-depth technical lab-intensive class for how to design, deploy, configure and maintain SonicWALL Distributed wireless equipment to:

- Provide user mobility maintaining secure wireless communication.
- Provide controlled guest access as needed
- Provide hotspot capabilities

Students will learn how to setup a SonicWALL distributed wireless network. The class not only focuses on the installation and configuration of SonicWALL equipment but it also focuses on the entire system setup. This includes configuring VLAN switches, RADIUS servers as well as wireless clients for a complete solution. Student will setup several Virtual APs (a.k.a. Multiple SSIDs) where wireless traffic handled by the same set of SonicPoints can be segmented, applying unique wireless securities to each. In lab, the training will cover the complete setup of WPA2-EAP-PEAP-MS-CHAP-V2 using Microsoft Active Directory and Microsoft IAS servers. The lab will also include the successful implementation of external guest authentication using the SonicWALL Lightweight Hotspot Messaging (LHM). The class will finally cover enhanced management with the Global Management System (GMS), troubleshooting, wireless design and RF site surveys.

Pre-requisites

Students should have a basic understanding of the technologies being used in their environments or the environments of their customers.

- Basic understanding of networking and networking technologies
- Basic understanding of the 802.11 protocol.
- Basic understanding of the RADIUS protocol, specifically the Microsoft IAS server.

Format

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

Course Description

2 Day Course: 8:30am-5:00pm



Secure Wireless Administrator Training

Table of Contents

Section 1: Course Introduction

Section 2: Wireless Security Overview

Section 3: SonicPoint Management

Section 4: Wireless Routing

Section 5: Virtual AP

Section 6: 801.1x-WPA/WPA2 PSK

Section 7: 801.1x-WPA/WPA2 EAP

Section 8: Guest Access with Internal Authentication

Section 9: Guest Access with External Authentication

Section 10: Planning and Deployment.

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 55 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 in to training.sonicwall.com 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.

