

SonicWALL Network Security Basic Administration CSSA

**SONICWALL
CSSA
TRAINING**

The Network Security Basic Administration (NSBA) course provides students the required background, knowledge and hand-on experience to begin designing, implementing and troubleshooting Dell™ SonicWALL™ Network Security Appliances running SonicOS firmware.

Duration:

2 Days

Prerequisites

- Extensive 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

Course Outline:

Module-1: Course introduction

- Course introduction
- Classroom environment
- Course materials
- Prerequisites
- Introductions

Module-2: Operating system fundamentals

- Registration
- OS fundamentals
- System backup and restore
- Knowledge check

Module-3: Scalability and reliability

- WAN ISP failover and load balancing
- Policy-based routing

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- Knowledge check

Module-4: Firewall Policies

- Configuring firewall Policies
- Configuring Static NAT
- Configuring Dynamic NAT
- Configuring PAT

Module-5: Secure access and content control

- VPN: Gateway-to-gateway, hub and spoke, mesh
- Route base VPN
- GVC with local user DB
- SSL VPN with local user database
- LDAP authentication
- Knowledge check

- Module-6: Unified Threat Management

- Content Filtering Service
- Content Filtering Service using Single Sign-On
- Unified Threat Management (UTM)
- Knowledge check

Module-7: Troubleshooting

- Troubleshooting Overview
- System Backup & Restore
- Diagnostic Tools
- Packet Capture
- Logs
- Knowledge check

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