## SonicWALL NSA至中神通UTMWALL的功能迁移手册

* **更多产品迁移说明：http://www.trustcomputing.com.cn/utmwall-rom/migration**

**Dell SonicWALL®网络安全设备（NSA）**系列是最安全、性能最高的下一代防火墙产品线之一。该系列实现了业务级安全和性能，与旗舰产品SuperMassive下一代防火墙共享基础架构。同时，该系列简单易用，具有极高的价值。NSA系列是经过多年时间潜心研发出来的，专为分布式企业、中小型企业、分支机构、校园和政府机构设计的，融合了具有革命性意义的多核架构和荣获专利的免重组深度包检测（RFDPI）单通道威胁防御引擎，具有极高的扩展性，实现了业界领先的安全防护、性能和扩展性。

武汉中神通信息技术有限公司历经15年的开发和用户使用形成了**中神通UTMWALL®**系列产品，有硬件整机、OS软件、虚拟化云网关等三种产品形式，OS由50多个不断增长的功能APP、32种内置日志和5种特征库组成，每个APP都有配套的在线帮助、任务向导、视频演示和状态统计，可以担当安全网关、防火墙、UTM、NGFW等角色，胜任局域网接入、服务器接入、远程VPN接入、流控审计、行为管理、安全防护等重任，具备稳定、易用、全面、节能、自主性高、扩展性好、性价比优的特点，是**云计算时代的网络安全产品**。

以下是两者之间的功能对比迁移表：

|  |  |  |  |
| --- | --- | --- | --- |
| **SonicWALL NSA v5.9功能项** | **页码** | **中神通UTMWALL v1.8功能项** | **页码** |
| **PART 1. Introduction** | |  |  |
| Chapter 1. Preface | 27 | A功能简介 | 8 |
| Chapter 2. Introduction | 35 | A功能简介 | 8 |
| **PART 2. Dashboard** | |  |  |
| Chapter 3. Using the SonicOS Visualization Dashboard | 55 | 1.1 dashboard系统概要/仪表盘 | 17 |
| **PART 3. System** | |  |  |
| Chapter 4. Viewing Status Information | 121 | 1.1 dashboard系统概要/仪表盘 | 17 |
| Chapter 5. Managing Dell SonicWALL Licenses | 129 | 2.1 license许可证 2.7 update升级管理 | 47 60 |
| Chapter 6. Viewing Support Services | 135 | QQ群/BBS |  |
| Chapter 7. Configuring Administration Settings | 137 | 2系统管理 | 47 |
| System > Administration | 137 | <见下> |  |
| Firewall Name | 137 | 3.7 dnsDNS解析 | 80 |
| Administrator Name & Password | 138 | 2.8 password帐号口令 | 62 |
| Login Security Settings | 138 | 2.8 password帐号口令 | 62 |
| Multiple Administrators | 140 | 2.8 password帐号口令 | 62 |
| Web Management Settings | 141 | 2.4 gui菜单界面 | 54 |
| SSH Management Settings | 145 | B快速安装指南 | 9 |
| Advanced Management | 145 | URL调用 |  |
| Download URL | 147 | SonicWALL自有产品 |  |
| Selecting UI Language | 148 | 2.4 gui菜单界面 | 54 |
| Chapter 8. Administering SNMP | 149 | 4.6 snmpSNMP服务 | 91 |
| Chapter 9. Managing Certificates | 159 | 8.2 user用户 用户证书 2.8 password帐号口令 管理员证书 10.2 certificatIPSEC VPN本机设置 | 181 62 202 |
| Chapter 10. Configuring Time Settings | 167 | 2.5 systime本地时间 | 56 |
| Chapter 11. Setting Schedules | 169 | 5.2 shedule_obj时间对象 | 95 |
| Chapter 12. Managing Dell SonicWALL Security Appliance Firmware | 173 | 2.7 update升级管理 | 60 |
| Chapter 13. Viewing Expansion Module Information | 187 | 2.1 license许可证 2.7 update升级管理 | 47 60 |
| Chapter 14. Using the Packet Monitor. | 189 | 1.12 realtime_monitor实时监控 | 39 |
| Chapter 15. Using Diagnostic Tools & Restarting the Appliance | 191 | 1.13 nettool测试工具 1.2 func功能统计 重启关闭系统 | 41 19 |
| **PART 4. Network** | |  |  |
| Chapter 16. Configuring Interfaces | 215 | 2.2 quickset初始设置 3.1 nic网卡设置 3.4 bridge网桥设置 1.5 nic网卡状态 | 49 67 74 25 |
| Chapter 17. Configuring PortShield Interfaces | 311 | 3.1 nic网卡设置 | 67 |
| Chapter 18. Setting Up Failover and Load Balancing | 319 | 3.5 failover双机热备 5.6 natDNAT策略 | 76 103 |
| Chapter 19. Configuring Zones | 327 | 3.1 nic网卡设置 | 67 |
| Chapter 20. Configuring DNS Settings | 339 | 3.7 dnsDNS解析 | 80 |
| Chapter 21. Configuring Address Objects | 341 | 5.1 ip_obj地址对象 | 93 |
| Chapter 22. Configuring Firewall Services | 357 | 5.7 firewall总控策略 | 105 |
| Chapter 23. Configuring Routes | 365 | 3.6 route路由设置 | 78 |
| Chapter 24. Configuring NAT Policies. | 393 | 5.6 natNAT策略 | 103 |
| Chapter 25. Managing ARP Traffic | 413 | 4.1 ipmacARP服务 | 82 |
| Chapter 26. Configuring Neighbor Discovery Protocol | 419 | 本版本暂无 |  |
| Chapter 27. Configuring MAC-IP Anti-Spoof | 421 | 4.1 ipmacARP服务 | 82 |
| Chapter 28. Setting Up the DHCP Server | 427 | 4.3 dhcpDHCP服务 | 86 |
| Chapter 29. Using IP Helper | 451 | 4.3 dhcpDHCP服务 DHCPRelay | 86 |
| Chapter 30. Setting Up Web Proxy Forwarding | 461 | 6.8 webproxyWEB代理过滤 | 124 |
| Chapter 31. Configuring Dynamic DNS | 467 | 4.4 ddnsDDNS服务 | 88 |
| Chapter 32. Configuring Network Monitor | 473 | 3.1 nic网卡设置 监控缺省路由 | 67 |
| **PART 5. Switching (NSA 2400MX only)** | |  |  |
| Chapter 33. Configuring Switching. | 479 | SonicWALL自有产品 |  |
| **PART 6. 3G/4G/Modem** | |  |  |
| Chapter 34. 3G/4G/Modem Selection | 511 | 第三方3G/4G路由器 |  |
| Chapter 35. Configuring 3G/4G | 513 | 第三方3G/4G路由器 |  |
| Chapter 36. Configuring Modem | 531 | 第三方3G/4G路由器 |  |
| **PART 7. Wireless (Wireless platforms only)** | |  |  |
| Chapter 37. Viewing WLAN Settings, Statistics, and Station Status | 543 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 38. Configuring Wireless Settings | 551 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 39. Configuring Wireless Security | 555 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 40. Configuring Advanced Wireless Settings | 561 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 41. TZ Wireless MAC Filter List | 565 | 3.1 nic网卡设置 无线网卡 3.4 bridge网桥设置 MAC过滤 | 67 74 |
| Chapter 42. Configuring Wireless IDS. | 569 | 3.1 nic网卡设置 无线网卡 7 入侵检测与防御 | 67 162 |
| Chapter 43. Configuring Virtual Access Points with Internal Wireless Radio | 573 | 3.1 nic网卡设置 无线网卡 | 67 |
| **PART 8. SonicPoint** | |  |  |
| Chapter 44. Managing SonicPoints. | 597 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 45. Viewing Station Status. | 655 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 46. SonicPoint Intrusion Detection Services | 659 | 3.1 nic网卡设置 无线网卡 7 入侵检测与防御 | 67 162 |
| Chapter 47. Configuring Advanced IDP | 665 | 7 入侵检测与防御 | 162 |
| Chapter 48. Configuring Virtual Access Points | 667 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 49. Configuring RF Monitoring | 697 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 50. Using RF Analysis | 707 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 51. SonicPoint FairNet | 713 | 3.1 nic网卡设置 无线网卡 | 67 |
| Chapter 52. Configuring Wi-Fi MultiMedia | 719 | 3.1 nic网卡设置 无线网卡 | 67 |
| **PART 9. Firewall** | |  |  |
| Chapter 53. Configuring Access Rules | 727 | 5.7 firewall总控策略 | 105 |
| Chapter 54. Configuring Bandwidth Objects | 739 | 5.5 qos_objQoS对象 | 101 |
| Chapter 55. Configuring Application Control | 743 | 6.1 specapp_basic特殊应用总体设置 6.2 netgame特殊应用功能设置 | 109  111 |
| **PART 10. Firewall Settings** | |  |  |
| Chapter 56. Configuring Advanced Access Rule Settings | 835 | 5.7 firewall总控策略 | 105 |
| Chapter 57. Configuring Bandwidth Management | 841 | 5.5 qos_objQoS对象 | 101 |
| Chapter 58. Configuring Flood Protection | 871 | 5.7 firewall总控策略 5.4 session_obj会话对象 | 105 99 |
| Chapter 59. Configuring Multicast Settings | 883 | 系统内置 |  |
| Chapter 60. Managing Quality of Service | 889 | 5.5 qos_objQoS对象 | 101 |
| Chapter 61. Configuring SSL Control | 905 | 6.8 webproxyWEB代理过滤 HTTPS代理 | 124 |
| **PART 11. DPI-SSL** | |  |  |
| Chapter 62. Configuring Client DPI-SSL Settings | 921 | 6.8 webproxyWEB代理过滤 HTTPS代理 | 124 |
| Chapter 63. Configuring Server DPI-SSL Settings | 927 | 6.8 webproxyWEB代理过滤 HTTPS代理 | 124 |
| **PART 12. VoIP** | |  |  |
| Chapter 64. Configuring VoIP Support | 935 | 6.20 h323proxyH323代理 6.21 h323gwH.323网守 6.22 sipproxySIP代理  6.23 tftpproxyTFTP代理 | 147  149  151  153 |
| **Part: PART 13. Anti-Spam** | |  |  |
| Chapter 65. Configuring Anti-Spam | 961 | 6.26 antispam防垃圾邮件引擎 6.16 pop3filterPOP3代理过滤 6.17 smtpfilterSMTP代理过滤 | 159 140 142 |
| **PART 14. VPN** | |  |  |
| Chapter 66. Configuring VPN Policies | 995 | 10 IPSEC VPN | 199 |
| Chapter 67. Configuring Advanced VPN Settings | 1045 | 10 IPSEC VPN | 199 |
| Chapter 68. Configuring DHCP Over VPN | 1051 | 10 IPSEC VPN | 199 |
| Chapter 69. Configuring L2TP Server. | 1057 | 9.1 pptp_vpnPPTP总体设置 | 191 |
| **PART 15. SSL VPN** | |  |  |
| Chapter 70. SSL VPN | 1063 | 11.1 sslSSL接入  11.2 sslvpnSSLVPN总体设置 | 208  210 |
| **PART 16. Virtual Assist** | |  |  |
| Chapter 71. Configuring Virtual Assist | 1139 | QQ远程协助 |  |
| **PART 17. User Management** | |  |  |
| Chapter 72. Managing Users and Authentication Settings | 1149 | 8用户认证 | 179 |
| Chapter 73. Managing Guest Services and Guest Accounts | 1287 | 5.7 firewall总控策略 | 105 |
| **PART 18. High Availability** | |  |  |
| Chapter 74. Setting Up High Availability | 1297 | 3.5 failover双机热备 | 76 |
| **Part: PART 19. Security Services** | |  |  |
| Chapter 75. Managing Dell SonicWALL Security Services | 1377 | 2.1 license许可证 2.7 update升级管理 | 47 60 |
| Chapter 76. Configuring Dell SonicWALL Content Filtering Service | 1387 | 6.2 netgame特殊应用功能设置 6.6 dns_url_dbDNS&URL库 | 111 119 |
| Chapter 77. Configuring Configuring Client CFS Enforcement Service | 1423 | 同样本版本暂无 |  |
| Chapter 78. Activating Dell SonicWALL Client Anti-Virus | 1425 | 8.3 usergroup用户组 NAC | 183 |
| Chapter 79. Managing Dell SonicWALL Gateway Anti-Virus Service | 1429 | 6.24 antivirus防病毒引擎 6.10 webfilterWEB内容过滤 6.14 webfilter_av_exp防病毒例外 6.16 pop3filterPOP3代理过滤 6.17 smtpfilterSMTP代理过滤 | 155 128 136 140 142 |
| Chapter 80. Activating Intrusion Prevention Service | 1449 | 7 入侵检测与防御 | 162 |
| Chapter 81. Activating Anti-Spyware Service | 1459 | 6.6 dns_url_dbDNS&URL库 | 119 |
| Chapter 82. Configuring Dell SonicWALL Real-Time Blacklist | 1467 | 6.26 antispam防垃圾邮件引擎 | 159 |
| Chapter 83. Configuring Geo-IP and Botnet Filter | 1469 | 5.1 ip_obj地址对象 | 93 |
| **PART 20. WAN Acceleration** | |  |  |
| Chapter 84. WAN Acceleration | 1475 | 6.8 webproxyWEB代理过滤 Cache | 124 |
| **PART 21. AppFlow** | |  |  |
| Chapter 85. Configuring AppFlow. | 1481 | 4.5 netflowNetflow探针 | 89 |
| **PART 22. Log** | |  |  |
| Chapter 86. Managing Log Events | 1503 | 1.14 log系统日志 | 43 |
| Chapter 87. Configuring Log Settings | 1515 | 1.14 log系统日志 | 43 |
| Chapter 88. Configuring Syslog Settings | 1527 | 1.14 log系统日志 | 43 |
| Chapter 89. Configuring Log Automation | 1533 | 2.1 license许可证 | 47 |
| Chapter 90. Configuring Name Resolution | 1539 | 3.7 dnsDNS解析 | 80 |
| Chapter 91. Generating Log Reports. | 1541 | 1.15 log_stat日志统计 | 45 |
| Chapter 92. Configuring the Log Analyzer | 1543 | 1.15 log_stat日志统计 | 45 |
| **PART 23. Wizards** |  |  |  |
| Chapter 93. Configuring Internet Connectivity on Dell SonicWALL Appliances | 1547 | 2.3 guide任务向导 NAT/网桥接入 2.2 quickset初始设置 | 52 49 |
| Chapter 94. Configuring a Public Server with the Wizard | 1559 | 2.3 guide任务向导 服务器发布 | 52 |
| Chapter 95. Configuring VPN Policies with the VPN Policy Wizard | 1563 | 2.3 guide任务向导 IPSEC VPN | 52 |
| Chapter 96. Using the Application Firewall Wizard | 1573 | 2.3 guide任务向导 上网行为管理 | 52 |
| Chapter 97. Using the WXA Setup Wizard | 1577 | 2.3 guide任务向导 | 52 |

**参考文件：**

1. SonicOS 5.9 Administrator's Guide

http://www.sonicwall.com/app/projects/file\_downloader/document\_lib.php?t=PG&id=590

2. 中神通UTMWALL网关管理员手册  
http://www.trustcomputing.com.cn/utmwall-rom/UTMWALL\_v1.9\_Manual\_CN\_20150331.pdf