Recommendations - Best Practise Report

Appliance Details

Serial-Number:	0040XXXXXXXX (Demo)
Firewall Name:	UDS-NSV270
Appliance Model:	SonicWall NSv 270
Uptime:	0 Days, 6 Hours, 44 Minutes, 47 Seconds
Firmware Version:	7.3.0-7012-R8150

Report Details

Date & Time Report created:	06.10.2025 - 17:57:45
EXP File:	C:\U...\Repository\0040XXXXXXXX\exp_api_downloaded.exp
EXP Timestamp:	06.10.2025 17:51
TSR File:	C:\U...\Repository\0040XXXXXXXX\tsr_api_downloaded.wri
TSR Timestamp:	06.10.2025 17:51

Recommendations - Best Practise Report

Explanation

This report provides a high-level summary of the key findings from the security audit and includes actionable recommendations for addressing potential vulnerabilities. For more in-depth information and specific details, please refer to the full audit report

Feature	Status	Recommendation
Firmware and Settings		
- Firmware Version current:	up to date	-
- Unallowed Firmware downgrade	not detected	-
IPv6		
IPv6	disabled	-
High Availability		
High Availability	enabled	-
- Stateful Sync:	enabled	-
- preempt mode	disabled	-
WAN Lines		
Multiple WAN Lines	configured	-
VPN		
Weak ciphers found	yes	reconfigure VPN Tunnels

- Unsafe VPN Algorithms

Category	Type	Comment
DH Group	192-Bit R ECP Group	Too small ECC group
Encryption	DES	Broken unsafe
IKE	Aggressive	Leads to info leaks insecure
Integrity	MD5	Broken collisions possible
Integrity	SHA-1	Deprecated collision attacks
Misc	None	No encryption integrity

- Not recommended VPN Algorithms

Category	Type	Comment
DH Group	224-Bit R ECP Group	Borderline ECC group aging out
Encryption	3DES	Legacy slow 112-bit effective strength
Encryption	AES-XCBC	Niche less common not widely supported
IKE	Main	Standard for IKEv1 secure but older
Protocol	AH	Rarely used integrity only no encryption

Firewall internal audit

Internal Audit		on	-

Detection Prevention

Stealth Mode		on	-
Randomize IP IDs		on	-

Packet Capture

Packet Capture		on	Disable if not needed

Users Account Protection

Admin TOTP secured		no	
Users with no TOTP		True	Enable TOTP for these users

WAN MTU Settings

X1	Default WAN	1500	ok	-
X5		1500	ok	-

Firewall-Rule	Count
Rules never used (IPv4):	18
Rules never used (IPv6):	0
Management Rules (IPv4):	2
Management Rules (IPv6):	0
ANY <> ANY Rules (IPv4):	0
ANY <> ANY Rules (IPv6):	0
Rules WAN to internal networks (IPv4):	1
Rules WAN to internal networks (IPv6):	0
All Rules (IPv4):	0
All Rules (IPv6):	0
Firewall Rules not used for a long time (IPv4):	18
Firewall Rules not used for a long time (IPv6):	0
Disabled Firewall Rules (IPv4):	0
Disabled Firewall Rules (IPv6):	0

Nat-Policy	Count
Nat Policies never used (IPv4):	1
Nat Policies never used (IPv6):	0
Nat Policies disabled (IPv4):	1
Nat Policies disabled (IPv6):	0
All Nat Policies (IPv4):	0
All Nat Policies (IPv6):	0