مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Multiple Vulnerabilities in SonicWall SMA1000 Series Appliances

Tracking #:432318753
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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities in SonicWall SMA1000 series appliances. These vulnerabilities could allow attackers to escalate privileges, bypass multi-factor authentication (MFA), and enumerate user credentials. Successful exploitation may lead to unauthorized access and compromise of sensitive systems.

TECHNICAL DETAILS:

Vulnerability Details

CVE-2026-4112 – Privilege Escalation via SQL Injection

- **Severity:** High | **CVSS:** 7.2
- A SQL injection vulnerability exists due to improper neutralization of special elements in SQL commands. A remote authenticated attacker with read-only administrator privileges can exploit this flaw to escalate privileges to a primary administrator.

CVE-2026-4113 – User Credential Enumeration

- **Severity:** Medium | **CVSS:** 5.3
- An observable response discrepancy in the authentication process allows remote attackers to enumerate valid SSL VPN credentials by analyzing system responses.

CVE-2026-4114 – AMC TOTP Authentication Bypass

- **Severity:** Medium | **CVSS:** 6.6
- Improper handling of Unicode encoding allows authenticated SSL VPN administrators to bypass AMC TOTP-based authentication mechanisms.

CVE-2026-4116 – Workplace/Connect Tunnel TOTP Bypass

- **Severity:** Medium | **CVSS:** 6.0
- Improper Unicode handling enables authenticated SSL VPN users to bypass TOTP authentication in Workplace and Connect Tunnel features.

Affected Products

SonicWall SMA1000 Series Appliances

- 12.4.3-03245 (platform-hotfix) and earlier
- 12.5.0-02283 (platform-hotfix) and earlier

Fixed Versions

- 12.4.3-03387 (platform-hotfix) and later
- 12.5.0-02624 (platform-hotfix) and later

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the mitigation or workaround provided by SonicWall.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://psirt.global.sonicwall.com/vuln-detail/SNWLID-2026-0003