



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Multiple Vulnerabilities in Webmin
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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities in Webmin that may allow attackers to bypass authentication controls and gain unauthorized access to sensitive information and administrative functionalities.

TECHNICAL DETAILS:

Vulnerability Details

CVE-2026-56020 – HTTP Header Authentication Bypass

- Severity: Critical | CVSS: 9.2
- Improper validation in miniserv.pl allows attackers to spoof HTTP headers and manipulate certificate DN handling, resulting in authentication bypass and user impersonation without credentials.

CVE-2026-56021 – Information Disclosure via Regex Handling

- Severity: Medium | CVSS: 6.9
- A flaw in regex-based filtering allows unauthenticated access to configuration files ending in .conf within module directories, potentially exposing sensitive system information.

CVE-2026-56022 – MFA Bypass via Header Manipulation

- Severity: Medium | CVSS: 6.9
- Crafted User-Agent headers (e.g., webmin) can bypass session validation and multi-factor authentication controls under specific conditions.

Affected Products and Versions

- Webmin versions prior to 2.641

Fixed Versions

- Webmin 2.641 or later

RECOMMENDATIONS:

- Immediately upgrade Webmin to a patched version
- Restrict network exposure of Webmin administrative interfaces (allow only trusted IPs/VPN)
- Monitor authentication and access logs for abnormal header patterns
- Enforce network segmentation for administrative services
- Enable centralized logging and alerting for unauthorized access attempts

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://www.cve.org/CVERecord?id=CVE-2026-56020>
- <https://www.cve.org/CVERecord?id=CVE-2026-56022>
- <https://www.cve.org/CVERecord?id=CVE-2026-56021>