

مجلس الأمان السيبراني  
CYBER SECURITY COUNCIL



United Arab Emirates

High-Severity Vulnerability in Anti-Malware Security and Brute-Force Firewall

Tracking #:432317882

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a high-severity vulnerability in the Anti-Malware Security and Brute-Force Firewall WordPress plugin, exposing websites to potential exploitation. The flaw allows authenticated attackers with subscriber-level access to read arbitrary files stored on the web server, including sensitive configuration data.

## TECHNICAL DETAILS:

### Vulnerability Details

- **CVE-2025-11705**
- **Severity (CVSS):** 6.8 (Medium)
- **Vulnerability Type:** Missing Authorization to Authenticated (Subscriber+) Arbitrary File Read
- The vulnerability exists in the `GOTMLS_ajax_scan()` function, which lacks proper authorization checks. Although protected by a nonce, subscribers can exploit the flaw to read arbitrary files from the server. Attackers can access critical files such as `wp-config.php` that contain database credentials and security keys.
- An attacker with a valid subscriber account could obtain unauthorized access to sensitive configuration data, compromising the integrity and confidentiality of affected WordPress installations.
- **Affected Plugin:** Anti-Malware Security and Brute-Force Firewall
- **Affected Versions:** Up to and including 4.23.81
- **Fixed Version:** 4.23.83 or later

## RECOMMENDATIONS:

- Immediately **update to version 4.23.83 or later** of the plugin.
- Review file permissions and server logs for unauthorized file access.
- Maintain up-to-date WordPress plugins and monitor security advisories regularly.

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.wordfence.com/blog/2025/10/100000-wordpress-sites-affected-by-arbitrary-file-read-vulnerability-in-anti-malware-security-and-brute-force-firewall-wordpress-plugin/>