



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Critical RCE Vulnerabilities in vBulletin

Tracking #:432317336

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed security researchers reported two newly disclosed critical vulnerabilities in the widely used vBulletin forum software are being actively exploited in the wild, potentially allowing unauthenticated remote code execution (RCE) on vulnerable servers.

TECHNICAL DETAILS:

Two newly disclosed critical vulnerabilities in the widely used vBulletin forum software are being actively exploited in the wild, potentially allowing unauthenticated remote code execution (RCE) on vulnerable servers.

1. CVE-2025-48827 – API Method Invocation (CVSS: 10.0)

- Exploits improper use of PHP Reflection API.
- Allows protected methods to be invoked via crafted URLs.
- Public Proof-of-Concept (PoC) available.
- Observed in real-world exploitation attempts.

2. CVE-2025-48828 – Template Engine Abuse (CVSS: 9.0)

- Leverages template conditionals and misuse of the replaceAdTemplate method.
- Enables attackers to inject crafted template code and execute arbitrary system commands.
- Bypasses "unsafe function" filters using PHP variable function calls.

Exploitation Chain

- When chained, these flaws allow unauthenticated remote attackers to gain shell access under the web server user context (www-data on Linux).

Affected Products & Versions:

- vBulletin Versions:
 - 5.0.0 through 5.7.5
 - 6.0.0 through 6.0.3

Fixed Version:

- vBulletin 6.1.
- If on v5.7.5, apply Patch Level 3

RECOMMENDATIONS:

- Update vBulletin to latest or fixed Version.

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://nvd.nist.gov/vuln/detail/CVE-2025-48827>
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