



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**High Severity Vulnerability In SEOPress Plugin**

Tracking #:432315993

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a High Severity vulnerability has been discovered in SEOPress, a popular WordPress plugin with over 300,000 active installations.

## TECHNICAL DETAILS:

A High severity vulnerability tracked as **CVE-2024-5488** has been discovered in SEOPress, a popular WordPress plugin with over 300,000 active installations. This authentication bug, which could allow attackers to access certain protected REST API routes without having any kind of account on the targeted site and enables unauthorized users to bypass authentication and manipulate sensitive data, potentially leading to full remote code execution.

### Vulnerability Details:

- **CVE-2024-5488** | CVSS score: 8.1 - High | Unauthenticated Object Injection
- Object Injection vulnerabilities allow attackers to craft Property-Oriented Programming chains (aka. POP chains), which consist of serialized class instances under the attacker's control meant to be triggered at different points in time during execution, often via PHP magic methods.

### Fixed Version:

- wp-seopress version 7.9

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends updating the affected versions to the fixed or latest versions released by WordPress.

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://wpscan.com/blog/object-injection-vulnerability-fixed-in-seopress-7-9/>