مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical File Overwrite Vulnerability in DNN Platform

Tracking #:432317890

Date:31-10-2025

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a critical vulnerability in the DNN Platform, a widely used open-source CMS in the Microsoft ecosystem. This flaw could allow attackers to compromise affected websites by uploading and overwriting files without authentication.

TECHNICAL DETAILS:

A critical vulnerability, CVE-2025-64095, has been identified in the DNN Platform, a widely used open-source web content management platform (CMS) in the Microsoft ecosystem. The flaw allows unauthenticated attackers to upload and overwrite files on affected web servers, leading to a risk of website defacement and potential injection of malicious scripts, including XSS payloads.

Vulnerability Details:

- **CVE-2025-64095**
- **CVSS Score:** 10.0 (Critical)
- **Vulnerability Type:** Insufficient Access Control
- The vulnerability resides in the default HTML editor provider included with the DNN Platform. Improper access validation allows unauthenticated users to upload arbitrary files and overwrite existing files on the server. Exploiting this flaw requires no authentication or special privileges.
- Successful exploitation of this vulnerability can lead to:
  - Website defacement through file replacement.
  - Cross-Site Scripting (XSS) injection for credential theft or session hijacking.
  - Complete system compromise, affecting confidentiality, integrity, and availability.
  - Potential for further exploitation using web shells or secondary payloads.

Affected Versions:
All DNN Platform versions prior to 10.1.1.
Fixed Version:
DNN Platform 10.1.1 or later

RECOMMENDATIONS:

- Update immediately to DNN Platform version 10.1.1 or later.
- Review file system logs for unauthorized uploads or file modifications.
- Consider performing a full integrity check of web application files.
- Monitor for indicators of web shell installation or malicious scripts.

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.tenable.com/cve/CVE-2025-64095