مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerability in Odoo Database Manager on NixOS

Tracking #:432318352

Date:05-02-2026

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a critical vulnerability in Odoo deployments running on NixOS that may expose the database manager to the public Internet, potentially allowing full administrative access and data compromise.

TECHNICAL DETAILS:

A critical vulnerability has been identified in Odoo deployments running on NixOS, which may expose the database manager to the public Internet. Exploitation allows attackers full administrative access, including the ability to exfiltrate or delete all data. The issue arises from a conflict between Odoo's security model and NixOS's immutable configuration system.

Vulnerability Details:

- **CVE-2026-25137**
- **Severity:** Critical (CVSS 9.1)
- Odoo secures its database manager using a "master password," typically auto-generated and stored in a configuration file. On NixOS, configuration files are read-only due to the system's immutability, preventing Odoo from persisting the password. After each service restart, the database manager may revert to an insecure state, allowing any user who can access /web/database to set a new password or bypass authentication.

Impact:

Exploitation of this vulnerability allows attackers to:

- **Data Exfiltration:** Download entire databases and Odoo file stores.
- **Data Destruction:** Delete production databases instantly.
- **Unauthorized Access:** Gain full administrative control over Odoo, potentially compromising the entire organization's ERP data.

Affected Products:

- **Affected Package:** nixos/odoo
  - **Affected Versions:** 21.11, 22.05, 22.11, 23.05, 23.11, 24.05, 24.11, 25.05

Fixed versions

- 25.11, 26.05

RECOMMENDATIONS:

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

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-2026-25137