مجلس الأمن السيبراني

CYBER SECURITY COUNCIL

United Arab Emirates

Critical Vulnerabilities in Tenable Nessus

Tracking #:432318137

Date:16-12-2025

TLP: WHITE

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Tenable has released security updates for Nessus to address multiple critical and high-severity vulnerabilities originating from vulnerable third-party libraries embedded within the Nessus platform.

TECHNICAL DETAILS:

Tenable has released Nessus versions 10.9.6 and 10.11.1 to address multiple critical and high-severity vulnerabilities originating from vulnerable third-party libraries embedded within the Nessus platform. These vulnerabilities affect widely used components, including expat, libxml2, and libxslt, and could lead to denial-of-service (DoS) conditions, privilege escalation, or data integrity and availability impacts under certain circumstances.

Technical Details
Overview
Nessus relies on third-party open-source libraries to provide core XML parsing and transformation functionality. Security vulnerabilities were identified in the following components:

- **expat**
- **libxml2**
- **libxslt**

To address these issues, Tenable upgraded the affected libraries to secure versions:

Component	Updated Version
expat	2.7.3
libxml2	2.13.9
libxslt	1.1.45

These updates are included in **Nessus 10.9.6** and **Nessus 10.11.1**.

Affected Products
The following Nessus versions are vulnerable:

- Nessus **10.11.0**
- Nessus **10.10.0 – 10.10.1**
- Nessus **10.9.0 – 10.9.5**
- Nessus **10.8.0 – 10.8.6**

Vulnerability Details

CVSSv3 Base / Temporal Score:

- 7.5 / 6.5 (CVE-2024-8176)
- 7.5 / 6.7 (CVE-2025-59375)
- 9.1 / 7.9 (CVE-2025-49794)
- 2.5 / 2.2 (CVE-2025-6170)
- 7.5 / 6.7 (CVE-2025-6021)
- 9.1 / 7.9 (CVE-2025-49796)
- 5.5 / 4.8 (CVE-2025-10911)
- 7.8 / 6.8 (CVE-2025-7425)
- 3.1 / 2.7 (CVE-2025-11731)
- 7.8 / 7.0 (CVE-2024-55549)

RECOMMENDATIONS:

- Immediate Upgrade-Upgrade all affected Nessus installations to fixed version without delay

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/security/tns-2025-24