مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerabilities in VMware Tanzu Greenplum

Tracking #:432317398

Date:20-06-2025

TLP: WHITE

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed VMware disclosed a critical set of security vulnerabilities across multiple components, including the Greenplum server, PL/Container environments (Python & R), and supporting libraries.

TECHNICAL DETAILS:

VMware disclosed a critical set of security vulnerabilities across multiple components, including the Greenplum server, PL/Container environments (Python & R), and supporting libraries. The most severe issues carry a CVSS score of 9.8, potentially allowing remote code execution, privilege escalation, and other serious security impacts. Users are strongly advised to upgrade to the latest version immediately to ensure environment security and compliance.

Affected Components and CVEs:

Greenplum Server (Database Engine)
High Severity:

- CVE-2025-1094
- CVE-2024-10979
- CVE-2024-7348

Medium Severity:

- CVE-2023-2455
- CVE-2023-5870
- CVE-2024-10976
- CVE-2024-10978

Low Severity:

- CVE-2022-41862
- CVE-2024-10977

PL/Container – Python3 Image
Critical Severity:

- GHSA-f73w-4m7g-ch9x
- GHSA-4vmg-rw8f-92f9
- CVE-2024-3596
- CVE-2023-37920

Medium Severity:

- GHSA-q2x7-8rv6-6q7h

PL/Container – R Image
Critical Severity:

- CVE-2022-42967
- CVE-2023-37920
- CVE-2024-3596

DataSciencePython3.11 Container
Critical Severity:

- GHSA-x4wf-678h-2pmq
- GHSA-f73w-4m7g-ch9x
- GHSA-4vmg-rw8f-92f9

Cluster Management – Go Standard Library
Medium Severity:

- CVE-2025-22871

Fixed Version: VMware Tanzu Greenplum 7.5.0

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade VMware Tanzu Greenplum to fixed version without delay to patch all known vulnerabilities.

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://support.broadcom.com/web/ecx/support-content-notification/-/external/content/SecurityAdvisories/0/35843