

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Multiple Vulnerabilities in Dell PowerScale OneFS

Tracking #:432317682

Date:09-09-2025

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Dell Technologies has released security updates addressing multiple vulnerabilities impacting PowerScale OneFS and third-party Python components.

TECHNICAL DETAILS:

Dell Technologies has released security updates addressing multiple vulnerabilities impacting PowerScale OneFS and third-party Python components.

Vulnerability Details:

Proprietary Code Vulnerability

- CVE-2025-43722
 - Description: Improper privilege management vulnerability in PowerScale OneFS (versions prior to 9.12.0.0). Exploitable by a high-privileged local attacker to escalate privileges.
 - Impact: Elevation of privileges with potential compromise of Confidentiality, Integrity, and Availability.
 - CVSS Base Score: 6.7 (Medium)
 - CVSS Vector: CVSS:3.1/AV:L/AC:L/PR:H/UI:N/S:U/C:H/I:H/A:H

Third-Party Component Vulnerabilities (Python)

- CVE-2025-4517, CVE-2025-4330, CVE-2025-4138, CVE-2024-12718
 - Affect Python dependencies bundled in OneFS.
 - Exploitation may result in denial of service, code execution, or privilege abuse, depending on the specific CVE.

Affected Products & Remediation:

CVE(s)	Product	Affected Versions	Remediated Versions
CVE-2025-43722	PowerScale OneFS	9.5.0.0 – 9.10.1.2	9.10.1.3 or later
CVE-2025-43722	PowerScale OneFS	9.7.0.0 – 9.7.1.9	9.7.1.10 or later
CVE-2025-43722, CVE-2025-4517, CVE-2025-4330, CVE-2025-4138, CVE-2024-12718	PowerScale OneFS	All versions prior to 9.12.0.0	9.12.0.0 or later

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade to the latest remediated versions of Dell PowerScale OneFS.

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.dell.com/support/kbdoc/en-us/000363686/dsa-2025-319-security-update-for-dell-powerscale-onefs-multiple-vulnerabilities>