

مجلس الأمان السيبراني
CYBER SECURITY COUNCIL



United Arab Emirates

Critical Vulnerabilities in Dell PowerScale OneFS

Tracking #:432317360

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Dell Technologies has released a security advisory (DSA-2025-208) addressing multiple critical and high-impact vulnerabilities in Dell PowerScale OneFS software.

TECHNICAL DETAILS:

Dell Technologies has released a security advisory (DSA-2025-208) addressing multiple critical and high-impact vulnerabilities in Dell PowerScale OneFS software versions ranging from 9.5.0.0 to 9.10.0.1. Among the vulnerabilities disclosed, CVE-2024-53298 is the most severe, allowing unauthenticated remote attackers to access, modify, or delete arbitrary files through a missing authorization flaw in NFS exports.

Vulnerability Details:

1. CVE-2024-53298 (Critical)
 - Component: NFS Export Authorization
 - CVSS Score: 9.8 (CRITICAL)
 - Impact: Unauthenticated remote access, arbitrary file read/write/delete, full system compromise
2. CVE-2025-32753 (High)
 - Component: SQL Command Neutralization
 - CVSS Score: 5.3
 - Impact: Local attackers with low privileges could trigger DoS, data tampering, or information disclosure

Affected Products & Remediation:

CVEs Addressed	Product	Affected Versions	Remediated Versions
CVE-2024-53298, CVE-2025-32753, CVE-2024-39689, CVE-2024-53580, CVE-2024-51538	PowerScale OneFS	Versions 9.5.0.0 through 9.10.0.1	Version 9.10.1.2 or later
CVE-2024-53298, CVE-2025-32753, CVE-2024-39689, CVE-2024-53580, CVE-2024-51538	PowerScale OneFS	Versions 9.7.0.0 through 9.7.1.7	Version 9.7.1.8 or later
CVE-2024-53298	PowerScale OneFS	Versions 9.5.0.0 through 9.5.1.2	Version 9.5.1.3 or later

RECOMMENDATIONS:

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

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/000326339/dsa-2025-208-security-update-for-dell-powerscale-onefs-for-multiple-security-vulnerabilities>