

مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Multiple Vulnerabilities in Dell PowerScale OneFS**

Tracking #:432317060

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities in Dell PowerScale OneFS. These vulnerabilities could be exploited by malicious actors to compromise affected systems, potentially resulting in privilege escalation, denial of service (DoS), data integrity issues, or unauthorized access to sensitive information.

## TECHNICAL DETAILS:

### Vulnerabilities Details:

1. **CVE-2025-27690**
  - **Description:** Use of default password vulnerability. An unauthenticated attacker with remote access could exploit this to take over a high-privileged user account.
  - **Affected Versions:** 9.5.0.0 to 9.10.1.0
  - **Impact:** High privilege account takeover.
  - **CVSS Score:** 9.8 (Critical).
2. **CVE-2025-26330**
  - **Description:** Incorrect authorization vulnerability. An unauthenticated attacker with local access could exploit this to access the cluster with privileges of a disabled user account.
  - **Affected Versions:** 9.4.0.0 to 9.10.0.1
  - **Impact:** Unauthorized access to cluster resources.
  - **CVSS Score:** 7.0 (High).
3. **CVE-2025-22471**
  - **Description:** Integer overflow or wraparound vulnerability. An unauthenticated attacker with remote access could exploit this to cause denial of service (DoS).
  - **Affected Versions:** 9.4.0.0 to 9.10.0.1
  - **Impact:** Denial of service affecting system availability.
  - **CVSS Score:** 6.5 (Medium).
4. **CVE-2025-26480**
  - **Description:** Uncontrolled resource consumption vulnerability. An unauthenticated attacker with remote access could exploit this to cause denial of service (DoS).
  - **Affected Versions:** 9.5.0.0 to 9.10.0.0
  - **Impact:** Resource exhaustion leading to DoS conditions.
  - **CVSS Score:** 5.3 (Medium).
5. **CVE-2025-23378**
  - **Description:** Exposure of information through directory listing vulnerability, allowing a low-privileged attacker with local access to disclose sensitive information.
  - **Affected Versions:** 9.4.0.0 to 9.10.0.0
  - **Impact:** Unauthorized disclosure of sensitive data.
  - **CVSS Score:** 3.3 (Low).
6. **CVE-2025-26479**
  - **Description:** Out-of-bounds write vulnerability in NFS workflows that could lead to data integrity issues.
  - **Affected Versions:** 9.4.0.0 to 9.10.0.0
  - **Impact:** Data corruption or integrity issues.

- **CVSS Score:** 3.1 (Low).

**Fixed Versions:**

- PowerScale OneFS version 9.10.1.1 or later

**RECOMMENDATIONS:**

The UAE Cyber Security Council recommends applying the mitigation or workaround provided 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-ca/000300860/dsa-2025-119-security-update-for-dell-powerscale-onefs-for-multiple-security-vulnerabilities>