



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Security Updates- Dell SmartFabric OS10 Software**

Tracking #:432317010

Date:25-03-2025

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Dell has released an important security update addressing multiple vulnerabilities in its SmartFabric OS10 Software.

## TECHNICAL DETAILS:

Dell has released an important security update addressing multiple vulnerabilities in its SmartFabric OS10 Software, particularly affecting version 10.5.6.x. The identified vulnerabilities could allow attackers to escalate privileges, gain unauthorized access, execute arbitrary code, and exploit server-side request forgery (SSRF) vulnerabilities.

### Key Vulnerabilities:

1. **Privilege Escalation** (CVE-2024-49561, CVE-2024-48013)
2. **Unauthorized Access** (CVE-2024-49559, CVE-2024-48828, CVE-2024-48831)
3. **Code Execution** (CVE-2024-48017, CVE-2024-48015, CVE-2025-22474, CVE-2024-48830, CVE-2025-22473, CVE-2025-22472)
4. **Server-Side Request Forgery** (CVE-2025-22474)

### Affected Products & Remediation:

- Affected Versions: Dell Networking OS10 10.5.6.x
- Remediated Versions: 10.5.6.8

## RECOMMENDATIONS:

- Update to the latest version – Upgrade SmartFabric OS10 to the fixed version immediately.
- Change default and hard-coded passwords – Implement strong, unique passwords and ensure secure credential management.

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/000295014/dsa-2025-068-security-update-for-dell-networking-os10-vulnerabilities?ref=emcadvisory\\_000295014\\_High\\_null](https://www.dell.com/support/kbdoc/en-us/000295014/dsa-2025-068-security-update-for-dell-networking-os10-vulnerabilities?ref=emcadvisory_000295014_High_null)