



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Dell Repository Manager

Tracking #:432316173

Date:22-08-2024

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a recently identified vulnerability in the Dell EMC Repository Manager (DRM) poses a significant risk of local privilege escalation.

TECHNICAL DETAILS:

A recently identified vulnerability in the Dell EMC Repository Manager (DRM) poses a significant risk of local privilege escalation. This vulnerability, tracked as **CVE-2023-22576**, allowing low-privileged attackers to execute arbitrary code with elevated privileges. Organizations utilizing affected versions of DRM are urged to take immediate action to mitigate potential exploitation.

Vulnerabilities Details:

- **CVE-2023-22576**
 - **CVSS Base Score: 7.0**
 - **Description:** A Local Privilege Escalation Vulnerability in Installation module. A local low privileged attacker may potentially exploit this vulnerability leading to the execution of arbitrary executable on the operating system with high privileges using the existing vulnerability in operating system. Exploitation may lead to unavailability of the service.

Affected Versions

- 3.4.2 and earlier

Fixed Version:

- 3.4.3

Workarounds & Mitigations:

- Installing DRM in default path, such as C:\Program Files, does not enable this vulnerability.

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/000207513/dsa-2023-017-dell-emc-repository-manager-drm-security-update-for-an-improper-privilege-management-vulnerability>