



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Multiple Vulnerabilities in Synology DSM

Tracking #:432318791

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities in Synology DiskStation Manager (DSM) that could allow attackers to read or modify files, access sensitive information, and perform denial-of-service (DoS) attacks.

TECHNICAL DETAILS:

Vulnerability Details

- **CVE-2026-40530** – Important (CVSS 8.0)
CRLF Injection vulnerability allowing arbitrary file read/write and DoS.
- **CVE-2026-40539** – Important (CVSS 7.1)
Improper certificate validation enabling man-in-the-middle (MITM) attacks.
- **CVE-2026-4036** – Moderate (CVSS 6.5)
SQL Injection vulnerability leading to sensitive data exposure.
- **CVE-2026-40531 / 40532 / 40534 / 40536 / 40537** – Moderate (CVSS 4.3–6.5)
Includes Integer Overflow, Forced Browsing, Cross-Site Scripting (XSS), Path Traversal, and SSRF vulnerabilities.
- **CVE-2026-40533 / 40535 / 40538** – Low to Moderate (CVSS 3.7–6.5)
Information disclosure, Path Traversal, and improper authentication attempt restrictions.

These vulnerabilities may allow remote authenticated or unauthenticated attackers to:

- Read or write arbitrary or limited files
- Access sensitive or non-sensitive data
- Execute limited or full denial-of-service attacks
- Exploit MITM conditions in certain scenarios

Fixed Versions

- DSM 7.3 → Upgrade to **7.3.2-86009-2 or above**
- DSM 7.2.2 → Upgrade to **7.2.2-72806-7 or above**
- DSM 7.2.1 → Upgrade to **7.2.1-69057-10 or above**

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the mitigation or workaround provided by Synology.

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.synology.com/en-my/security/advisory/Synology_SA_26_06