



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Multiple Vulnerabilities in Synology Drive Client**

Tracking #:432316338

Date:27-09-2024

## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities in Synology Drive Client that could be exploited to launch denial-of-service attacks, gain unauthorized access to sensitive data, and execute malicious code on affected systems.

## TECHNICAL DETAILS:

### Vulnerability Details:

1. **CVE-2023-52946:**
  - **Severity:** High
  - **CVSS3 Base Score:** 8.2
  - A buffer overflow vulnerability in the vss service component could allow remote attackers to crash the client.
2. **CVE-2022-49038:**
  - **Severity:** High
  - **CVSS3 Base Score:** 7.8
  - A vulnerability in the OpenSSL DLL component could allow local users to execute arbitrary code.
3. **CVE-2022-49037:**
  - **Severity:** Medium
  - **CVSS3 Base Score:** 6.5
  - A vulnerability in the proxy settings component could allow remote authenticated users to obtain sensitive information.
4. **CVE-2022-49039:**
  - **Severity:** Low
  - **CVSS3 Base Score:** 6.7
  - A vulnerability in the backup task management functionality could allow local users with administrator privileges to execute arbitrary commands.
5. **CVE-2022-49040:**
  - **Severity:** Low
  - **CVSS3 Base Score:** 4.4
  - A buffer overflow vulnerability in the connection management functionality could allow local users with administrator privileges to crash the client.
6. **CVE-2022-49041:**
  - **Severity:** Low
  - **CVSS3 Base Score:** 4.4
  - A buffer overflow vulnerability in the backup task management functionality could allow local users with administrator privileges to crash the client.

### Affected Versions:

- Synology Drive Client versions prior to 3.5.0-16084

### Fixed Versions:

- Synology Drive Client Versions 3.5.0-16084 or later

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade the affected versions to the fixed versions at the earliest.

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\\_24\\_10](https://www.synology.com/en-my/security/advisory/Synology_SA_24_10)