

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates – Synology BeeDrive for desktop

Tracking #:432317515

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Synology has released security updates, addressing multiple high severity vulnerabilities in its BeeDrive for desktop. The vulnerabilities allow attackers to execute arbitrary code locally and delete arbitrary files remotely, posing significant risks to system integrity and data security.

TECHNICAL DETAILS:

The vulnerabilities, tracked as, **CVE-2025-54158**, **CVE-2025-54159**, and **CVE-2025-54160**, pose serious security threats by enabling attackers to execute arbitrary code locally and delete arbitrary files remotely.

Local code execution allows malicious users with access to the system to run unauthorized commands, potentially gaining elevated privileges or compromising sensitive data. Meanwhile, the ability to delete files remotely exposes systems to data loss and service disruption without requiring physical access.

Vulnerability Details:

- **CVE-2025-54158**
 - **Impact:** Allows local users to execute arbitrary code.
 - **Severity:** Important
 - **CVSS3 Base Score:** 7.8
 - **CWE-306:** Missing Authentication for Critical Function
 - **Impact:** Allows local users to execute arbitrary code.
- **CVE-2025-54159**
 - **Impact:** Allows remote attackers to delete arbitrary files.
 - **Severity:** Important
 - **CVSS3 Base Score:** 7.5
 - **CWE-862:** Missing Authorization
 - **Impact:** Allows remote attackers to delete arbitrary files.
- **CVE-2025-54160**
 - **Impact:** Allows local users to execute arbitrary code.
 - **Severity:** Important
 - **CVSS3 Base Score:** 7.8
 - **CWE-22:** Improper Limitation of a Pathname to a Restricted Directory ('Path Traversal')

Fixed Versions:

- BeeDrive for desktop - Upgrade to 1.4.2-13960 or later.

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the latest updates released 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_25_08