



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates - Jenkins

Tracking #:432316575

Date:28-11-2024

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Jenkins has released security updates to patch multiple vulnerabilities in its products.

TECHNICAL DETAILS:

Vulnerabilities Details:

1. Denial of Service Vulnerability (CVE-2024-47855)
 - Severity: High
 - A vulnerability in the bundled json-lib library allows attackers with Overall/Read permission to keep HTTP request handling threads busy indefinitely, potentially blocking legitimate users
2. Stored XSS Vulnerability in Simple Queue Plugin (CVE-2024-54003)
 - Severity: High
 - The plugin fails to escape the view name, allowing attackers with View/Create permission to exploit a stored cross-site scripting vulnerability
3. Path Traversal Vulnerability in Filesystem List Parameter Plugin (CVE-2024-54004)
 - Severity: Medium
 - The plugin does not restrict the path used for the File system objects list Parameter, allowing attackers with Item/Configure permission to enumerate file names on the Jenkins controller file system

Affected Versions:

- Jenkins weekly up to and including 2.486
- Jenkins LTS up to and including 2.479.1
- Filesystem List Parameter Plugin up to and including 0.0.14
- Simple Queue Plugin up to and including 1.4.4

Fixed Versions:

- Jenkins weekly: Update to version 2.487
- Jenkins LTS: Update to version 2.479.2
- Filesystem List Parameter Plugin: Update to version 0.0.15
- Simple Queue Plugin: Update to version 1.4.5

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.jenkins.io/security/advisory/2024-11-27/>