



CVE-2020-6070

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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [F2fs-tools](#) from [F2fs-tools Project](#) contain the following vulnerability:

An exploitable code execution vulnerability exists in the file system checking functionality of fsck.f2fs 1.12.0. A specially crafted f2fs file can cause a logic flaw and out-of-bounds heap operations, resulting in code execution. An attacker can provide a malicious file to trigger this vulnerability.

CVE-2020-6070 has been assigned by [Cisco](#) talos-cna@cisco.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
TALOS-2020-0988 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory talosintelligence.com	MISC talosintelligence.com/vulnerability_reports/TALOS-2020-0988

[text/html](#)

[SECURITY] Fedora 33 Update: f2fs-tools-1.14.0-1.fc33 -
package-announce - Fedora Mailing-Lists

[lists.fedoraproject.org](#)

FEDORA FEDORA-2020-a0b24e9377

[text/html](#)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	F2fs-tools Project	F2fs-tools	1.12.0	All	All	All
Application	F2fs-tools Project	F2fs-tools	1.12.0	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
cpe:2.3:a:f2fs-tools_project:f2fs-tools:1.12.0:*:*:*:*:*:						
cpe:2.3:a:f2fs-tools_project:f2fs-tools:1.12.0:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:33:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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