CVE-2020-6108

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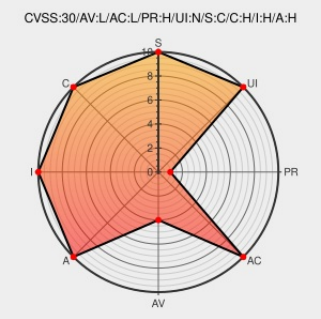
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of F2fs-tools from F2fs-tools Project contain the following vulnerability:

An exploitable code execution vulnerability exists in the fsck_chk_orphan_node functionality of F2fs-Tools F2fs.Fsck 1.13. A specially crafted f2fs filesystem can cause a heap buffer overflow resulting in a code execution. An attacker can provide a malicious file to trigger this vulnerability.

CVE-2020-6108 has been assigned by 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
f2fs-tools: Multiple vulnerabilities (GLSA 202101-26) — Gentoo security	Third Party Advisory security.gentoo.org text/html	GENTOO GLSA-202101-26

TALOS-2020-1050 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Technical Description Third Party Advisory talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2020-1050

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	All	All	All	All
Application	F2fs-tools Project	F2fs-tools	All	All	All	All

cpe:2.3:a:f2fs-tools_project:f2fs-tools:*:*:*:*:*:*:*:*:

cpe:2.3:a:f2fs-tools_project:f2fs-tools:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@RemotelyAlerts	Severity: ?? | An exploitable code execution vulnerabil... | CVE-2020-6108 | Link for more: alerts.remotelyrmm.com/CVE-2020-6108	2022-05-12 18:30:38

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