



F' (F Prime) has Integer Overflow in FileUplink

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Summary

CVE	CVE-2026-41144
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 00:16:29 UTC
Updated	2026-04-22 00:16:29 UTC
Description	F' (F Prime) is a framework that enables development and deployment of spaceflight and other embedded software applica

Risk And Classification

Primary CVSS: v3.1 0 NONE from security-advisories@github.com

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N

Problem Types: CWE-190 | CWE-787 | CWE-190 CWE-190: Integer Overflow or Wraparound | CWE-787 CWE-787: Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	0	NONE	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N
3.1	CNA	DECLARED	0	NONE	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

None

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:N

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Nasa	Fprime	affected < 4.2.0	Not specified

References

Reference	Source	Link	Tags
github.com/nasa/fprime/security/advisories/GHSA-qmvv-rxh4-ccqh	security-advisories@github.com	github.com	
github.com/nasa/fprime/commit/cacdd555456bd83ab395b521d56c0330470ea798	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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