



pyLoad: Session Cookie Security Downgrade via Untrusted X-Forwarded-Proto Header Spoofing (Global State Race Condition)

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2026-40594
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-21 18:16:51 UTC
Updated	2026-04-21 19:16:17 UTC
Description	pyLoad is a free and open-source download manager written in Python. Prior to 0.5.0b3.dev98, the set_session_cookie_se

Risk And Classification

Primary CVSS: v3.1 4.8 MEDIUM from security-advisories@github.com

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

Problem Types: CWE-346 | CWE-346 CWE-346: Origin Validation Error

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	4.8	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:L
3.1	CNA	DECLARED	4.8	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:L

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

None

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Pyload	Pyload	affected < 0.5.0b3.dev98	Not specified

References

Reference	Source	Link	Tags
github.com/pyload/pyload/security/advisories/GHSA-mp82-fmj6-f22v	134c704f-9b21-4f2e-91b3-4a467353bcc0	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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