



NGINX ngx_http_charset_module vulnerability

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

Summary

CVE	CVE-2026-42934
State	PUBLISHED
Assigner	f5
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-13 16:16:49 UTC
Updated	2026-05-13 16:27:11 UTC
Description	NGINX Plus and NGINX Open Source have a vulnerability in the ngx_http_charset_module module. When charset, source_

Risk And Classification

Primary CVSS: v4.0 6.3 MEDIUM from f5sirt@f5.com

CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-125 | CWE-125 CWE-125 Out-of-bounds Read

Version	Source	Type	Score	Severity	Vector
4.0	f5sirt@f5.com	Secondary	6.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	6.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:N/SI:N/SA:N
3.1	f5sirt@f5.com	Primary	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	CVSS	4.8	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:L

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

None

User Interaction

None

Confidentiality

Low

Low
 Integrity
 None
 Availability
 Low
 Sub Conf.
 None
 Sub Integrity
 None
 Sub Availability
 None

CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

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	F5	NGINX Plus	unaffected R37 * custom	Not specified
CNA	F5	NGINX Plus	affected R36 R36 P4 custom	Not specified
CNA	F5	NGINX Plus	affected R32 R32 P6 custom	Not specified
CNA	F5	NGINX Open Source	unaffected 1.31.0 * semver	Not specified
CNA	F5	NGINX Open Source	affected 0.3.50 1.30.1 semver	Not specified

References

Reference	Source	Link	Tags
my.f5.com/manage/s/article/K000161028	f5sirt@f5.com	my.f5.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: F5 acknowledges David Carlier and Zhenpeng (Leo) Lin of depthfirst for bringing this issue to our attention and following the highest standards of coordinated disclosure. (en)

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

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