



BIG-IP FastL4 virtual server vulnerability

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

Summary

CVE	CVE-2026-42781
State	PUBLISHED
Assigner	f5
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-13 16:16:48 UTC
Updated	2026-05-13 16:27:11 UTC
Description	When embedded Packet Velocity Acceleration (ePVA) acceleration is configured, undisclosed local ethernet traffic can cau

Risk And Classification

Primary CVSS: v4.0 7.1 HIGH from f5sirt@f5.com

CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/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

EPSS: 0.000220000 probability, percentile 0.063510000 (date 2026-05-16)

Problem Types: CWE-835 | CWE-835 CWE-835 Loop with Unreachable Exit Condition ('Infinite Loop')

Version	Source	Type	Score	Severity	Vector
4.0	f5sirt@f5.com	Secondary	7.1	HIGH	CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/C...
4.0	CNA	CVSS	7.1	HIGH	CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N
3.1	f5sirt@f5.com	Primary	6.5	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	6.5	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v4.0 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

None

Integrity

None

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:A/AC:L/AT:N/PR:N/UI:N/VC:N/VI:N/VA:H/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

Adjacent

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

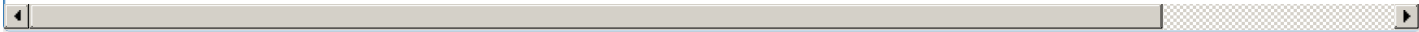
Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	F5	BIG-IP	unaffected 21.1.0 * custom	r5000 rSeries, r10000 rSeries, r12000 rSeries, BX110 blades on VELOS, B...
CNA	F5	BIG-IP	affected 21.0.0 21.0.0.1 custom	r5000 rSeries, r10000 rSeries, r12000 rSeries, BX110 blades on VELOS, B...
CNA	F5	BIG-IP	affected 17.5.0 17.5.1.4 custom	r5000 rSeries, r10000 rSeries, r12000 rSeries, BX110 blades on VELOS, B...
CNA	F5	BIG-IP	affected 17.1.0 17.1.3.1 custom	r5000 rSeries, r10000 rSeries, r12000 rSeries, BX110 blades on VELOS, B...



References

Reference	Source	Link	Tags
my.f5.com/manage/s/article/K000160862	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 (en)

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

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