



# Open5GS NRF nrf-handler.c ogs\_nrf\_nfm\_handle\_nf\_profile denial of service

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

## Summary

<b>CVE</b>	CVE-2026-8291
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-11 16:17:43 UTC
<b>Updated</b>	2026-05-14 18:19:11 UTC
<b>Description</b>	A weakness has been identified in Open5GS up to 2.7.7. Impacted is the function ogs_nrf_nfm_handle_nf_profile of the fil

## Risk And Classification

**Primary CVSS:** v4.0 2.1 LOW from cna@vulldb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/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:** 0.000430000 probability, percentile 0.130810000 (date 2026-05-18)

**Problem Types:** CWE-404 | CWE-404 Denial of Service

Version	Source	Type	Score	Severity	Vector
4.0	cna@vulldb.com	Secondary	2.1	LOW	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/C...
4.0	CNA	DECLARED	5.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P
3.1	nvd@nist.gov	Primary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	cna@vulldb.com	Secondary	4.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	4.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	4.3	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R
2.0	cna@vulldb.com	Secondary	4		AV:N/AC:L/Au:S/C:N/I:N/A:P
2.0	CNA	DECLARED	4		AV:N/AC:L/Au:S/C:N/I:N/A:P/E:POC/RL:ND/RC:UR

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MS:C:X/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

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

### CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R

#### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Open5gs	Open5gs	All	All	All	All

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	Open5GS	affected 2.7.0	Not specified
CNA	Na	Open5GS	affected 2.7.1	Not specified
CNA	Na	Open5GS	affected 2.7.2	Not specified
CNA	Na	Open5GS	affected 2.7.3	Not specified
CNA	Na	Open5GS	affected 2.7.4	Not specified
CNA	Na	Open5GS	affected 2.7.5	Not specified
CNA	Na	Open5GS	affected 2.7.6	Not specified
CNA	Na	Open5GS	affected 2.7.7	Not specified

#### References

Reference	Source	Link	Tags
vuldb.com/vuln/362588	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Third Party Advisory, VDB Entry
vuldb.com/submit/808508	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Third Party Advisory, VDB Entry
github.com/open5gs/open5gs/pull/4534	cna@vuldb.com	<a href="https://github.com">github.com</a>	Exploit, Issue Tracking, Patch
vuldb.com/vuln/362588/cti	cna@vuldb.com	<a href="https://vuldb.com">vuldb.com</a>	Permissions Required, VDB Entry

<a href="https://github.com/open5gs/open5gs/issues/4456">github.com/open5gs/open5gs/issues/4456</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="https://github.com">github.com</a>	Exploit, Issue Tracking
<a href="https://github.com/open5gs/open5gs">github.com/open5gs/open5gs</a>	<a href="mailto:cna@vuldb.com">cna@vuldb.com</a>	<a href="https://github.com">github.com</a>	Product
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

### Vendor Comments And Credit

#### Discovery Credit

**CNA:** LinJu (VulDB User) (en)

**CNA:** VulDB CNA Team (en)

### Additional Advisory Data

Source	Time	Event
CNA	2026-05-11T00:00:00.000Z	Advisory disclosed
CNA	2026-05-11T02:00:00.000Z	VulDB entry created
CNA	2026-05-11T10:07:36.000Z	VulDB entry last update

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

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