



# Open5GS AMF/MME context.c ran\_ue\_find\_by\_amf\_ue\_ngap\_id improper authorization

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

## Summary

<b>CVE</b>	CVE-2026-8743
<b>State</b>	PUBLISHED
<b>Assigner</b>	VulDB
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-17 10:16:35 UTC
<b>Updated</b>	2026-05-17 10:16:35 UTC
<b>Description</b>	A vulnerability was found in Open5GS up to 2.7.6. This impacts the function ran_ue_find_by_amf_ue_ngap_id of the file src

## 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:L/VI:L/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 0.130940000 (date 2026-05-17)

**Problem Types:** CWE-266 | CWE-285 | CWE-285 Improper Authorization | CWE-266 Incorrect Privilege Assignment

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:L/VI:L/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:L/VI:L/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vulldb.com	Primary	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	6.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
3.0	CNA	DECLARED	6.3	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:L/A:L/E:P/RL:O/RC:C
2.0	cna@vulldb.com	Secondary	6.5		AV:N/AC:L/Au:S/C:P/I:P/A:P
2.0	CNA	DECLARED	6.5		AV:N/AC:L/Au:S/C:P/I:P/A:P/E:POC/RL:OF/RC:C

## CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

Low

Integrity

Low

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:L/VI:L/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

Low

Integrity

Low

Availability

Low

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

## CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

Low

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

### 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

### References

Reference	Source	Link	Tags
vuldb.com/vuln/364330	cna@vuldb.com	<a href="#">vuldb.com</a>	
vuldb.com/submit/814559	cna@vuldb.com	<a href="#">vuldb.com</a>	
github.com/open5gs/open5gs/issues/4498	cna@vuldb.com	<a href="#">github.com</a>	
github.com/open5gs/open5gs/pull/4553	cna@vuldb.com	<a href="#">github.com</a>	
github.com/open5gs/open5gs/commit/5746b8576cfceec18ed87eb7d8cf11b1fb4cd8b1	cna@vuldb.com	<a href="#">github.com</a>	
vuldb.com/vuln/364330/cti	cna@vuldb.com	<a href="#">vuldb.com</a>	
github.com/open5gs/open5gs	cna@vuldb.com	<a href="#">github.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical

## Vendor Comments And Credit

## Discovery Credit

**CNA:** Jinha Kim (ICSR\_KMU) (en)**CNA:** Seungjoon Na (VulDB User) (en)**CNA:** Seungjoon Na (VulDB User) (en)

## Additional Advisory Data

Source	Time	Event
CNA	2026-05-16T00:00:00.000Z	Advisory disclosed
CNA	2026-05-16T02:00:00.000Z	VulDB entry created
CNA	2026-05-17T10:21:21.000Z	VulDB entry last update

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

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