



EMQX QoS 2 PUBLISH Packet

emqx_persistent_session_ds.erl race condition

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

Summary

CVE	CVE-2026-8741
State	PUBLISHED
Assigner	VulDB
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-17 09:16:35 UTC
Updated	2026-05-17 09:16:35 UTC
Description	A vulnerability has been found in EMQX up to 6.2.0. This affects an unknown function of the file apps/emqx/src/emqx_persi

Risk And Classification

Primary CVSS: v4.0 1.3 LOW from cna@vulldb.com

CVSS:4.0/AV:N/AC:H/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: 0.000360000 probability, percentile 0.106640000 (date 2026-05-17)

Problem Types: CWE-362 | CWE-362 Race Condition

Version	Source	Type	Score	Severity	Vector
4.0	cna@vulldb.com	Secondary	1.3	LOW	CVSS:4.0/AV:N/AC:H/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	2.3	LOW	CVSS:4.0/AV:N/AC:H/AT:N/PR:L/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P
3.1	cna@vulldb.com	Primary	3.1	LOW	CVSS:3.1/AV:N/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	DECLARED	3.1	LOW	CVSS:3.1/AV:N/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R
3.0	CNA	DECLARED	3.1	LOW	CVSS:3.0/AV:N/AC:H/PR:L/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R
2.0	cna@vulldb.com	Secondary	2.1		AV:N/AC:H/Au:S/C:N/I:N/A:P
2.0	CNA	DECLARED	2.1		AV:N/AC:H/Au:S/C:N/I:N/A:P/E:POC/RL:ND/RC:UR

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

High

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:H/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:MSC: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

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

CVSS v3.0 Breakdown

Attack Vector

Network

Network

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	EMQX	affected 6.0	Not specified
CNA	Na	EMQX	affected 6.1	Not specified
CNA	Na	EMQX	affected 6.2.0	Not specified

References

Reference	Source	Link	Tags
vuldb.com/vuln/364329/cti	cna@vuldb.com	vuldb.com	
github.com/Pathfind-tama/Report_EMQX_MQTT/blob/main/MQTT%20QoS%20%20Mes...	cna@vuldb.com	github.com	
vuldb.com/vuln/364329	cna@vuldb.com	vuldb.com	
vuldb.com/submit/809931	cna@vuldb.com	vuldb.com	
github.com/Pathfind-tama/Report_EMQX_MQTT	cna@vuldb.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, an

Vendor Comments And Credit

Discovery Credit

CNA: CCCaaa (VulDB User) (en)

CNA: VulDB CNA Team (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	2026-05-16T13:24:18.000Z	VulDB entry last update

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

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