



OpenC3 COSMOS: SQL Injection in QuestDB Time-Series Data Base

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

Summary

CVE	CVE-2026-42087
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-04 18:16:30 UTC
Updated	2026-05-05 13:16:29 UTC
Description	OpenC3 COSMOS provides the functionality needed to send commands to and receive data from one or more embedded s

Risk And Classification

Primary CVSS: v3.1 9.6 CRITICAL from security-advisories@github.com

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

Problem Types: CWE-89 | CWE-89 CWE-89: Improper Neutralization of Special Elements used in an SQL Command ('SQL Injection')

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	9.6	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:C/C:H/I:H/A:N
3.1	CNA	DECLARED	9.6	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:C/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	OpenC3	Cosmos	affected >= 6.7.0, < 7.0.0-rc3	Not specified

References

Reference	Source	Link
github.com/OpenC3/cosmos/commit/9ba60c09c8836a37a2e4ea67ab35fe403e041415	security-advisories@github.com	github.com
github.com/OpenC3/cosmos/security/advisories/GHSA-v529-vhwc-wfc5	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com
github.com/OpenC3/cosmos/releases/tag/v7.0.0-rc3	security-advisories@github.com	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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