



SQL Server Remote Code Execution Vulnerability

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

Summary

CVE	CVE-2026-40370
State	PUBLISHED
Assigner	microsoft
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-12 18:17:16 UTC
Updated	2026-05-12 18:17:16 UTC
Description	External control of file name or path in SQL Server allows an authorized attacker to execute code over a network.

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from secure@microsoft.com

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

Problem Types: CWE-73 | CWE-73 CWE-73: External Control of File Name or Path

Version	Source	Type	Score	Severity	Vector
3.1	secure@microsoft.com	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	CVSS	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H/E:U/RL:O/RC:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Microsoft	Microsoft SQL Server 2016 Service Pack 3 GDR	affected 13.0.0 13.0.6490.1 custom
CNA	Microsoft	Microsoft SQL Server 2016 Service Pack 3 Azure Connect Feature Pack	affected 13.0.0 13.0.7085.1 custom
CNA	Microsoft	Microsoft SQL Server 2017 CU 31	affected 14.0.0 14.0.3530.2 custom
CNA	Microsoft	Microsoft SQL Server 2017 GDR	affected 14.0.0 14.0.2110.2 custom
CNA	Microsoft	Microsoft SQL Server 2019 CU 32	affected 15.0.0.0 15.0.4470.1 custom
CNA	Microsoft	Microsoft SQL Server 2019 GDR	affected 15.0.0 15.0.2170.1 custom
CNA	Microsoft	Microsoft SQL Server 2022 GDR	affected 16.0.0 16.0.1180.1 custom
CNA	Microsoft	Microsoft SQL Server 2022 For X64-based Systems CU 24	affected 16.0.0.0 16.0.4252.3 custom
CNA	Microsoft	Microsoft SQL Server 2025 CU 4	affected 17.0.4040.1 17.0.4040.1 custom
CNA	Microsoft	Microsoft SQL Server 2025 For X64-based Systems GDR	affected 17.0.1050.2 17.0.1115.1 custom

References

Reference	Source	Link	Tags
msrc.microsoft.com/update-guide/vulnerability/CVE-2026-40370	secure@microsoft.com	msrc.microsoft.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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