



Security Bulletin: IBM® Db2® is vulnerable to a denial of service due to insufficient release of allocated memory after usage. (CVE-2025-1992)

Security Bulletin

Summary

IBM® Db2® is vulnerable to a denial of service due to insufficient release of allocated memory after usage.

Vulnerability Details

CVEID: [CVE-2025-1992](https://www.cve.org/CVERecord?id=CVE-2025-1992) (<https://www.cve.org/CVERecord?id=CVE-2025-1992>)

DESCRIPTION: IBM Db2 for Linux, UNIX and Windows (includes DB2 Connect Server) could allow an authenticated user, under non default configurations, to cause a denial of service due to insufficient release of allocated memory after usage.

CWE: [CWE-401: Missing Release of Memory after Effective Lifetime](https://cwe.mitre.org/data/definitions/401.html) (<https://cwe.mitre.org/data/definitions/401.html>)

CVSS Source: IBM

CVSS Base score: 5.3

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

Affected Products and Versions

Affected Product(s)	Version(s)	Applicable Editions
IBM® Db2®	11.5.0 - 11.5.9	Server
IBM® Db2®	12.1.0 - 12.1.1	Server

All platforms are affected.

Remediation/Fixes

Customers running any vulnerable affected level of an affected Program, V11.5 and V12.1, can download the special build containing the interim fix for this issue from Fix Central. These special builds are available based on the most recent level for each impacted release: V11.5.9 and V12.1.1. They can be applied to any affected level of the appropriate release to remediate this vulnerability.

Release	Fixed in fix pack	APAR	Download URL
V11.5	TBD	DT423222 (https://www.ibm.com/mysupport/s/defect/aCIKe000000g2Pl/dt423222)	Special Build #55285 or later for V11.5.9 available at this link: https://www.ibm.com/support/pages/node/7087189 (https://www.ibm.com/support/pages/node/7087189)
V12.1	TBD	DT423222 (https://www.ibm.com/mysupport/s/defect/aCIKe000000g2Pl/dt423222)	Special Build #54779 or later for V12.1.1 available at this link: https://www.ibm.com/support/pages/db2-v1211-published-cumulative-special-build-downloads#52441 (https://www.ibm.com/support/pages/db2-v1211-published-cumulative-special-build-downloads#52441)


IBM does not disclose key Db2 functionality nor replication steps for a vulnerability to avoid providing too much information to any potential malicious attacker. IBM does not want to enable a malicious attacker with sufficient knowledge to craft an exploit of the vulnerability.

Note: After December 31, 2025, 11.1 and 10.5 versions of Db2 will not have security fixes made available as they will reach EoS.

Workarounds and Mitigations

None

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References

[Complete CVSS v3 Guide](#) 

[On-line Calculator v3](#) 

Related Information

[IBM Secure Engineering Web Portal](http://www.ibm.com/security/secure-engineering/bulletins.html) (<http://www.ibm.com/security/secure-engineering/bulletins.html>)

[IBM Product Security Incident Response Blog](http://www.ibm.com/blogs/psirt) (<http://www.ibm.com/blogs/psirt>)

[Published Security Vulnerabilities for DB2 for Linux, UNIX, and Windows including Special Build information](https://www.ibm.com/support/pages/published-security-vulnerabilities-db2-linux-unix-and-windows-including-special-build-information)
(<https://www.ibm.com/support/pages/published-security-vulnerabilities-db2-linux-unix-and-windows-including-special-build-information>)

Acknowledgement

Change History

05 May 2025: Initial Publication

*The CVSS Environment Score is customer environment specific and will ultimately impact the Overall CVSS Score. Customers can evaluate the impact of this vulnerability in their environments by accessing the links in the Reference section of this Security Bulletin.

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Document Information

More support for:

[Db2 for Linux, UNIX and Windows](https://www.ibm.com/mysupport/s/topic/0TO500000001fUNGAY) (<https://www.ibm.com/mysupport/s/topic/0TO500000001fUNGAY>)

Software version:

11.5, 12.1

Operating system(s):

AIX, Windows, Linux, Linux on IBM Z Systems

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