

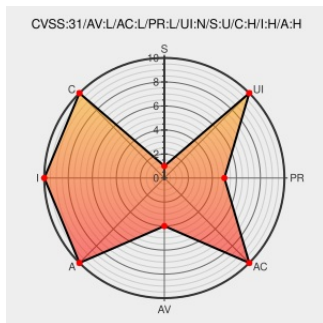


CVE-2019-4014

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CVE-2019-4014

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of **Db2** from **ibm** contain the following vulnerability:

IBM DB2 for Linux, UNIX and Windows (includes DB2 Connect Server) 9.7, 10.1, 10.5, and 11.1 is vulnerable to a buffer overflow, which could allow an authenticated local attacker to execute arbitrary code on the system as root. IBM X-Force ID: 155892.

CVE-2019-4014 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **DB2** version **9.7**

Affected Vendor/Software: [IBM](#) - **DB2** version **10.1**

Affected Vendor/Software: [IBM](#) - **DB2** version **10.5**

Affected Vendor/Software: [IBM](#) - **Db2** version **11.1**

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Security Bulletin: IBM® Db2® is vulnerable to a buffer overflow which could allow a local malicious user to execute arbitrary code (CVE-2019-4014).	Patch Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/docview.wss?uid=ibm10878793
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-db2-cve20194014-bo (155892)

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ibm	Db2	10.1.0.0	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.2	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.5	All	All	All
Application	Ibm	Db2	10.1.0.6	All	All	All
Application	Ibm	Db2	10.5.0.0	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.10	All	All	All
Application	Ibm	Db2	10.5.0.2	All	All	All
Application	Ibm	Db2	10.5.0.3	All	All	All
Application	Ibm	Db2	10.5.0.4	All	All	All
Application	Ibm	Db2	10.5.0.5	All	All	All
Application	Ibm	Db2	10.5.0.6	All	All	All
Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	10.5.0.8	All	All	All
Application	Ibm	Db2	10.5.0.9	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.1.1.1	All	All	All

Application	Ibm	Db2	11.1.2.2	All	All	All
Application	Ibm	Db2	11.1.3.3	All	All	All
Application	Ibm	Db2	11.1.4.4	All	All	All
Application	Ibm	Db2	9.7.0.0	All	All	All
Application	Ibm	Db2	9.7.0.1	All	All	All
Application	Ibm	Db2	9.7.0.10	All	All	All
Application	Ibm	Db2	9.7.0.11	All	All	All
Application	Ibm	Db2	9.7.0.2	All	All	All
Application	Ibm	Db2	9.7.0.3	All	All	All
Application	Ibm	Db2	9.7.0.4	All	All	All
Application	Ibm	Db2	9.7.0.5	All	All	All
Application	Ibm	Db2	9.7.0.6	All	All	All
Application	Ibm	Db2	9.7.0.7	All	All	All
Application	Ibm	Db2	9.7.0.8	All	All	All
Application	Ibm	Db2	9.7.0.9	All	All	All
Application	Ibm	Db2	10.1.0.0	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.2	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.5	All	All	All
Application	Ibm	Db2	10.1.0.6	All	All	All
Application	Ibm	Db2	10.5.0.0	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.10	All	All	All
Application	Ibm	Db2	10.5.0.2	All	All	All
Application	Ibm	Db2	10.5.0.3	All	All	All
Application	Ibm	Db2	10.5.0.4	All	All	All
Application	Ibm	Db2	10.5.0.5	All	All	All
Application	Ibm	Db2	10.5.0.6	All	All	All
Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	10.5.0.8	All	All	All
Application	Ibm	Db2	10.5.0.9	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.1.1.1	All	All	All
Application	Ibm	Db2	11.1.2.2	All	All	All

Application	IBM	DB2	11.1.3.3	All	All	All
Application	IBM	DB2	11.1.4.4	All	All	All
Application	IBM	DB2	9.7.0.0	All	All	All
Application	IBM	DB2	9.7.0.1	All	All	All
Application	IBM	DB2	9.7.0.10	All	All	All
Application	IBM	DB2	9.7.0.11	All	All	All
Application	IBM	DB2	9.7.0.2	All	All	All
Application	IBM	DB2	9.7.0.3	All	All	All
Application	IBM	DB2	9.7.0.4	All	All	All
Application	IBM	DB2	9.7.0.5	All	All	All
Application	IBM	DB2	9.7.0.6	All	All	All
Application	IBM	DB2	9.7.0.7	All	All	All
Application	IBM	DB2	9.7.0.8	All	All	All
Application	IBM	DB2	9.7.0.9	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
cpe:2.3:a:ibm:db2:10.1.0.0:*****:						
cpe:2.3:a:ibm:db2:10.1.0.1:*****:						
cpe:2.3:a:ibm:db2:10.1.0.2:*****:						
cpe:2.3:a:ibm:db2:10.1.0.3:*****:						
cpe:2.3:a:ibm:db2:10.1.0.4:*****:						
cpe:2.3:a:ibm:db2:10.1.0.5:*****:						
cpe:2.3:a:ibm:db2:10.1.0.6:*****:						
cpe:2.3:a:ibm:db2:10.5.0.0:*****:						
cpe:2.3:a:ibm:db2:10.5.0.1:*****:						
cpe:2.3:a:ibm:db2:10.5.0.10:*****:						
cpe:2.3:a:ibm:db2:10.5.0.2:*****:						
cpe:2.3:a:ibm:db2:10.5.0.3:*****:						

cpe:2.3:a:ibm:db2:10.5.0.4:*****:
cpe:2.3:a:ibm:db2:10.5.0.5:*****:
cpe:2.3:a:ibm:db2:10.5.0.6:*****:
cpe:2.3:a:ibm:db2:10.5.0.7:*****:
cpe:2.3:a:ibm:db2:10.5.0.8:*****:
cpe:2.3:a:ibm:db2:10.5.0.9:*****:
cpe:2.3:a:ibm:db2:11.1.0.0:*****:
cpe:2.3:a:ibm:db2:11.1.1.1:*****:
cpe:2.3:a:ibm:db2:11.1.2.2:*****:
cpe:2.3:a:ibm:db2:11.1.3.3:*****:
cpe:2.3:a:ibm:db2:11.1.4.4:*****:
cpe:2.3:a:ibm:db2:9.7.0.0:*****:
cpe:2.3:a:ibm:db2:9.7.0.1:*****:
cpe:2.3:a:ibm:db2:9.7.0.10:*****:
cpe:2.3:a:ibm:db2:9.7.0.11:*****:
cpe:2.3:a:ibm:db2:9.7.0.2:*****:
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cpe:2.3:a:ibm:db2:9.7.0.4:*****:
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cpe:2.3:a:ibm:db2:9.7.0.7:*****:
cpe:2.3:a:ibm:db2:9.7.0.8:*****:
cpe:2.3:a:ibm:db2:9.7.0.9:*****:
cpe:2.3:a:ibm:db2:10.1.0.0:*****:
cpe:2.3:a:ibm:db2:10.1.0.1:*****:
cpe:2.3:a:ibm:db2:10.1.0.2:*****:
cpe:2.3:a:ibm:db2:10.1.0.3:*****:
cpe:2.3:a:ibm:db2:10.1.0.4:*****:

cpe:2.3:a:ibm:db2:10.1.0.5:*****:
cpe:2.3:a:ibm:db2:10.1.0.6:*****:
cpe:2.3:a:ibm:db2:10.5.0.0:*****:
cpe:2.3:a:ibm:db2:10.5.0.1:*****:
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cpe:2.3:a:ibm:db2:10.5.0.3:*****:
cpe:2.3:a:ibm:db2:10.5.0.4:*****:
cpe:2.3:a:ibm:db2:10.5.0.5:*****:
cpe:2.3:a:ibm:db2:10.5.0.6:*****:
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cpe:2.3:a:ibm:db2:10.5.0.9:*****:
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cpe:2.3:a:ibm:db2:11.1.4.4:*****:
cpe:2.3:a:ibm:db2:9.7.0.0:*****:
cpe:2.3:a:ibm:db2:9.7.0.1:*****:
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cpe:2.3:a:ibm:db2:9.7.0.4:*****:
cpe:2.3:a:ibm:db2:9.7.0.5:*****:
cpe:2.3:a:ibm:db2:9.7.0.6:*****:
cpe:2.3:a:ibm:db2:9.7.0.7:*****:
cpe:2.3:a:ibm:db2:9.7.0.8:*****:

cpe:2.3:a:ibm:db2:9.7.0.9:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:
cpe:2.3:o:microsoft:windows:*:*:*:*:*:
cpe:2.3:o:microsoft:windows:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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