



CVE-2020-4420

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[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, 11.1, and 11.5 could allow an unauthenticated attacker to cause a denial of service due a hang in the execution of a terminate command. IBM X-Force ID: 180076.

CVE-2020-4420 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [IBM](#) - **DB2 for Linux- UNIX and Windows** version **9.7**

Affected Vendor/Software: [IBM](#) - **DB2 for Linux- UNIX and Windows** version **10.1**

Affected Vendor/Software: [IBM](#) - **DB2 for Linux- UNIX and Windows** version **10.5**

Affected Vendor/Software: [IBM](#) - **DB2 for Linux- UNIX and Windows** version **11.1**

Affected Vendor/Software: [IBM](#) - **DB2 for Linux- UNIX and Windows** version **11.5**

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

NONE

NONE

PARTIAL

CVE References

Description	Tags	Link
Security Bulletin: IBM® Db2® is vulnerable to a denial of service attack (CVE-2020-4420)	Patch Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6242362
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-db2-cve20204420-dos (180076)

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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	10.5.0.0	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.5.0.0	All	All	All
Application	Ibm	Db2	9.7.0.0	All	All	All
Application	Ibm	Db2	10.1.0.0	All	All	All
Application	Ibm	Db2	10.5.0.0	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.5.0.0	All	All	All
Application	Ibm	Db2	9.7.0.0	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:db2:10.5.0.0:*:*:*:*:*:

cpe:2.3:a:ibm:db2:11.1.0.0:*****:
cpe:2.3:a:ibm:db2:11.5.0.0:*****:
cpe:2.3:a:ibm:db2:9.7.0.0:*****:
cpe:2.3:a:ibm:db2:10.1.0.0:*****:
cpe:2.3:a:ibm:db2:10.5.0.0:*****:
cpe:2.3:a:ibm:db2:11.1.0.0:*****:
cpe:2.3:a:ibm:db2:11.5.0.0:*****:
cpe:2.3:a:ibm:db2:9.7.0.0:*****:
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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