

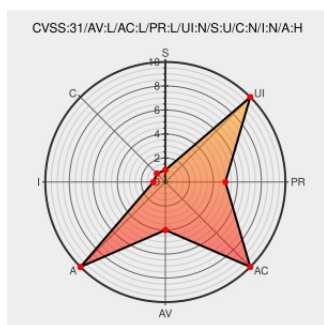


CVE-2020-4642

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CVE-2020-4642

[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 local attacker to cause a denial of service inside the "DB2 Management Service".

CVE-2020-4642 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **MEDIUM** 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: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

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

PARTIAL

CVE References

Description	Tags	Link
CVE-2020-4642 IBM DB2 Vulnerability in NetApp Products NetApp Product Security	Third Party Advisory security.netapp.com text/html	 CONFIRM security.netapp.com/advisory/ntap-20210129-0009/
Security Bulletin: IBM® Db2® is vulnerable to a Denial of Service on Windows (CVE-2020-4642)	Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6391652
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-db2-cve20204642-dos (185589)

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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	All	All	All
Application	Ibm	Db2	10.5	All	All	All
Application	Ibm	Db2	11.1	All	All	All
Application	Ibm	Db2	11.5	All	All	All
Application	Ibm	Db2	9.7	All	All	All
Application	Ibm	Db2	10.1	All	All	All
Application	Ibm	Db2	10.5	All	All	All
Application	Ibm	Db2	11.1	All	All	All
Application	Ibm	Db2	11.5	All	All	All
Application	Ibm	Db2	9.7	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:*:*:*:*:*:*
```

cpe:2.3:a:ibm:db2:10.5:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:11.1:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:11.5:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:9.7:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:10.1:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:10.5:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:11.1:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:11.5:~::~~::~~::~~::~~::~~:::
cpe:2.3:a:ibm:db2:9.7:~::~~::~~::~~::~~::~~:::
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