

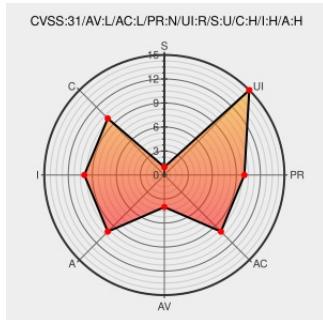


CVE-2019-4588

Published on: 05/26/2021 12:00:00 AM UTC

Last Modified on: 05/13/2022 08:04:00 PM UTC

CVE-2019-4588

[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 a local user to execute arbitrary code and conduct DLL hijacking attacks.

CVE-2019-4588 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 **10.5**

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

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

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: **7.8 - HIGH**

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

CVSS2 Score: **4.4 - MEDIUM**

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

CVE References

Description	Tags	Link
CVE-2019-4588 IBM DB2 Vulnerability in NetApp Products NetApp Product Security	security.netapp.com text/html	 CONFIRM security.netapp.com/advisory/ntap-20210629-0004/
Security Bulletin: IBM® Db2® 'Check for Updates' process is vulnerable to DLL hijacking (CVE-2019-4588)	www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6456029
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	 XF ibm-db2-cve20194588-code-exec (167365)

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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	10.1	All	All	All
Application	Ibm	Db2	10.1	All	All	All
Application	Ibm	Db2	10.5	All	All	All
Application	Ibm	Db2	10.5	All	All	All
Application	Ibm	Db2	10.5	All	All	All
Application	Ibm	Db2	11.1	All	All	All
Application	Ibm	Db2	11.1	All	All	All
Application	Ibm	Db2	11.1	All	All	All
Application	Ibm	Db2	11.5	All	All	All
Application	Ibm	Db2	11.5	All	All	All
Application	Ibm	Db2	11.5	All	All	All
Application	Ibm	Db2	9.7	All	All	All
Application	Ibm	Db2	9.7.0.0	All	All	All
Application	Ibm	Db2	9.7.0.0	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

cpe:2.3:a:ibm:db2:10.1:****:*:*:

cpe:2.3:a:ibm:db2:10.1:****:linux:*:*:

cpe:2.3:a:ibm:db2:10.1:*:*:*:*:windows:*:*:
cpe:2.3:a:ibm:db2:10.5:*:*:*:*:*:
cpe:2.3:a:ibm:db2:10.5:*:*:*:*:linux:*:*:
cpe:2.3:a:ibm:db2:10.5:*:*:*:*:windows:*:*:
cpe:2.3:a:ibm:db2:11.1:*:*:*:*:*:
cpe:2.3:a:ibm:db2:11.1:*:*:*:*:linux:*:*:
cpe:2.3:a:ibm:db2:11.1:*:*:*:*:windows:*:*:
cpe:2.3:a:ibm:db2:11.5:*:*:*:*:*:
cpe:2.3:a:ibm:db2:11.5:*:*:*:*:linux:*:*:
cpe:2.3:a:ibm:db2:11.5:*:*:*:*:windows:*:*:
cpe:2.3:a:ibm:db2:9.7:*:*:*:*:*:
cpe:2.3:a:ibm:db2:9.7.0.0:*:*:*:*:linux:*:*:
cpe:2.3:a:ibm:db2:9.7.0.0:*:*:*:*:windows:*:*:
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2019-4588 : #IBM Db2 for #Linux, UNIX and #Windows includes Db2 Connect Server 9.7, 10.1, 10.5, 11.1, and 11.... twitter.com/i/web/status/1...	2021-05-26 16:25:29
 @Festering_Ruin	New vulnerability on the NVD: CVE-2019-4588 May 26, 2021 at 10:15AM ift.tt/3yzcap0	2021-05-26 18:13:21
 /r/netcve	CVE-2019-4588	2021-05-26 16:41:23

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