

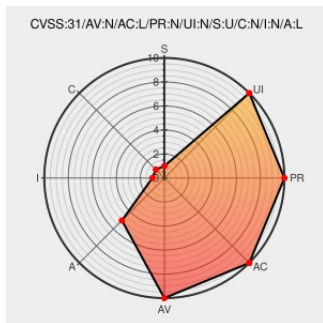


CVE-2020-4355

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CVE-2020-4355

[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 is vulnerable to a denial of service, caused by improper handling of Secure Sockets Layer (SSL) renegotiation requests. By sending specially-crafted requests, a remote attacker could exploit this vulnerability to increase the resource usage on the system. IBM X-Force ID: 178507.

CVE-2020-4355 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: **5.3 - MEDIUM**

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

CVSS2 Score: **5 - MEDIUM**

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

impact

impact

impact

NONE

NONE

PARTIAL

CVE References

Description	Tags	Link
Security Bulletin: IBM® Db2® may be vulnerable to a Denial of Service attack (CVE-2020-4355)	Patch Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/pages/node/6242350
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-db2-cve20204355-dos (178507)

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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:*:*:*:*:*:*:
```

```
cne:2.3:a:ibm:db2:10.5.0.0:*. *.*.*.*.*.*.*.
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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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