CVE-2020-4355

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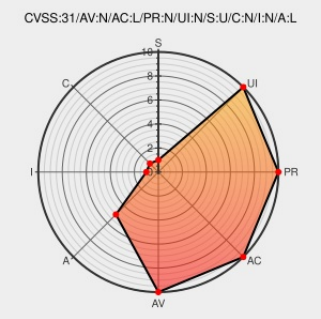

Certain versions of Db2 from Ibm contain the following vulnerability:

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)

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

← Previous ID

Next ID→