



CVE-2018-1565

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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, and 11.1 could allow a local user to overflow a buffer which may result in a privilege escalation to the DB2 instance owner. IBM X-Force ID: 143022.

CVE-2018-1565 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**

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
IBM X-Force Exchange	VDB Entry Vendor Advisory exchange.xforce.ibmcloud.com text/html	 XF ibm-db2-cve20181565-bo(143022)
IBM DB2 Buffer Overflows in db2exmig and db2exfmt Let Local Users Execute Arbitrary Code - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	 SECTrack 1040967
Security Bulletin: Multiple vulnerabilities affect db2exmig and db2exfmt tools shipped with IBM® Db2® (CVE-2018-1544, CVE-2018-1565)	Vendor Advisory www.ibm.com text/html	 CONFIRM www.ibm.com/support/docview.wss?uid=swg22016143

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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	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	9.7	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	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:db2:9.7:*:*:*:*:*:
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:db2:9.7:*:*:*:*:*:
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

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