CVE-2016-5995

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-5995
State	PUBLISHED
Assigner	ibm
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-01 01:59:08 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Untrusted search path vulnerability in IBM DB2 9.7 through FP11, 10.1 through FP5, 10.5 before FP8, and 11.1 GA on Linu

Risk And Classification

Primary CVSS: v3.0 7.3 HIGH from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H

EPSS: 0.000640000 probability, percentile 0.197130000 (date 2026-05-07)

Problem Types: CWE-264 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.3	HIGH	CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.9		AV:L/AC:M/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:M/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Hp	Hp-ux	All	All	All	All
Operating System	Ibm	Aix	All	All	All	All
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	10.1	All	All	All
Application	Ibm	Db2	10.1	All	All	All
Application	Ibm	Db2	10.1	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.1	All	All	All
Application	Ibm	Db2	10.1.0.2	All	All	All
Application	Ibm	Db2	10.1.0.2	All	All	All

Application	Ibm	Db2	10.1.0.2	All	All	All
Application	Ibm	Db2	10.1.0.2	All	All	All
Application	Ibm	Db2	10.1.0.2	All	All	All
Application	Ibm	Db2	10.1.0.2	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.3	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.4	All	All	All
Application	Ibm	Db2	10.1.0.5	All	All	All
Application	Ibm	Db2	10.1.0.5	All	All	All
Application	Ibm	Db2	10.1.0.5	All	All	All
Application	Ibm	Db2	10.1.0.5	All	All	All
Application	Ibm	Db2	10.1.0.5	All	All	All
Application	Ibm	Db2	10.1.0.5	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	10.5	All	All	All
Application	Ibm	Db2	10.5	All	All	All
Application	Ibm	Db2	10.5	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.1	All	All	All
Application	Ibm	Db2	10.5.0.2	All	All	All

Application	Ibm	Db2	10.5.0.2	All	All	All
Application	Ibm	Db2	10.5.0.2	All	All	All
Application	Ibm	Db2	10.5.0.2	All	All	All
Application	Ibm	Db2	10.5.0.2	All	All	All
Application	Ibm	Db2	10.5.0.2	All	All	All
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Application	Ibm	Db2	10.5.0.3	All	All	All
Application	Ibm	Db2	10.5.0.3	All	All	All
Application	Ibm	Db2	10.5.0.3	All	All	All
Application	Ibm	Db2	10.5.0.3	All	All	All
Application	Ibm	Db2	10.5.0.4	All	All	All
Application	Ibm	Db2	10.5.0.4	All	All	All
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Application	Ibm	Db2	10.5.0.4	All	All	All
Application	Ibm	Db2	10.5.0.4	All	All	All
Application	Ibm	Db2	10.5.0.4	All	All	All
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Application	Ibm	Db2	10.5.0.5	All	All	All
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Application	Ibm	Db2	10.5.0.6	All	All	All
Application	Ibm	Db2	10.5.0.6	All	All	All
Application	Ibm	Db2	10.5.0.6	All	All	All
Application	Ibm	Db2	10.5.0.6	All	All	All
Application	Ibm	Db2	10.5.0.6	All	All	All
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Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	10.5.0.7	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All

Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	11.1.0.0	All	All	All
Application	Ibm	Db2	9.7	All	All	All
Application	Ibm	Db2	9.7	All	All	All
Application	Ibm	Db2	9.7	All	All	All
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Application	Ibm	Db2	9.7.0.1	All	All	All
Application	Ibm	Db2	9.7.0.1	All	All	All
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Application	Ibm	Db2	9.7.0.1	All	All	All
Application	Ibm	Db2	9.7.0.1	All	All	All
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Application	Ibm	Db2	9.7.0.10	All	All	All
Application	Ibm	Db2	9.7.0.10	All	All	All
Application	Ibm	Db2	9.7.0.10	All	All	All
Application	Ibm	Db2	9.7.0.10	All	All	All
Application	Ibm	Db2	9.7.0.10	All	All	All
Application	Ibm	Db2	9.7.0.11	All	All	All
Application	Ibm	Db2	9.7.0.11	All	All	All
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Application	Ibm	Db2	9.7.0.11	All	All	All
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Application	Ibm	Db2	9.7.0.2	All	All	All
Application	Ibm	Db2	9.7.0.2	All	All	All
Application	Ibm	Db2	9.7.0.2	All	All	All

Application	Ibm	Db2	9.7.0.3	All	All	All
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Application	Ibm	Db2	9.7.0.3	All	All	All
Application	Ibm	Db2	9.7.0.3	All	All	All
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Application	Ibm	Db2	9.7.0.4	All	All	All
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Application	Ibm	Db2	9.7.0.5	All	All	All
Application	Ibm	Db2	9.7.0.5	All	All	All
Application	Ibm	Db2	9.7.0.5	All	All	All
Application	Ibm	Db2	9.7.0.5	All	All	All
Application	Ibm	Db2	9.7.0.6	All	All	All
Application	Ibm	Db2	9.7.0.6	All	All	All
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Application	Ibm	Db2	9.7.0.6	All	All	All
Application	Ibm	Db2	9.7.0.6	All	All	All
Application	Ibm	Db2	9.7.0.6	All	All	All
Application	Ibm	Db2	9.7.0.7	All	All	All
Application	Ibm	Db2	9.7.0.7	All	All	All
Application	Ibm	Db2	9.7.0.7	All	All	All
Application	Ibm	Db2	9.7.0.7	All	All	All
Application	Ibm	Db2	9.7.0.7	All	All	All
Application	Ibm	Db2	9.7.0.7	All	All	All
Application	Ibm	Db2	9.7.0.8	All	All	All
Application	Ibm	Db2	9.7.0.8	All	All	All
Application	Ibm	Db2	9.7.0.8	All	All	All
Application	Ibm	Db2	9.7.0.8	All	All	All
Application	Ibm	Db2	9.7.0.8	All	All	All

Application	Ibm	Db2	9.7.0.8	All	All	All
Application	Ibm	Db2	9.7.0.9	All	All	All
Application	Ibm	Db2	9.7.0.9	All	All	All
Application	Ibm	Db2	9.7.0.9	All	All	All
Application	Ibm	Db2	9.7.0.9	All	All	All
Application	Ibm	Db2	9.7.0.9	All	All	All
Application	Ibm	Db2	9.7.0.9	All	All	All
Application	Ibm	Db2 Connect	10.1	All	All	All
Application	Ibm	Db2 Connect	10.1	All	All	All
Application	Ibm	Db2 Connect	10.1	All	All	All
Application	Ibm	Db2 Connect	10.1.0.1	All	All	All
Application	Ibm	Db2 Connect	10.1.0.1	All	All	All
Application	Ibm	Db2 Connect	10.1.0.1	All	All	All
Application	Ibm	Db2 Connect	10.1.0.2	All	All	All
Application	Ibm	Db2 Connect	10.1.0.2	All	All	All
Application	Ibm	Db2 Connect	10.1.0.2	All	All	All
Application	Ibm	Db2 Connect	10.1.0.3	All	All	All
Application	Ibm	Db2 Connect	10.1.0.3	All	All	All
Application	Ibm	Db2 Connect	10.1.0.3	All	All	All
Application	Ibm	Db2 Connect	10.1.0.4	All	All	All
Application	Ibm	Db2 Connect	10.1.0.4	All	All	All
Application	Ibm	Db2 Connect	10.1.0.4	All	All	All
Application	Ibm	Db2 Connect	10.1.0.5	All	All	All
Application	Ibm	Db2 Connect	10.1.0.5	All	All	All
Application	Ibm	Db2 Connect	10.1.0.5	All	All	All
Application	Ibm	Db2 Connect	10.5	All	All	All
Application	Ibm	Db2 Connect	10.5	All	All	All
Application	Ibm	Db2 Connect	10.5	All	All	All
Application	Ibm	Db2 Connect	10.5.0.1	All	All	All
Application	Ibm	Db2 Connect	10.5.0.1	All	All	All
Application	Ibm	Db2 Connect	10.5.0.1	All	All	All
Application	Ibm	Db2 Connect	10.5.0.2	All	All	All
Application	Ibm	Db2 Connect	10.5.0.2	All	All	All
Application	Ibm	Db2 Connect	10.5.0.2	All	All	All
Application	Ibm	Db2 Connect	10.5.0.3	All	All	All
Application	Ibm	Db2 Connect	10.5.0.3	All	All	All

Application	Ibm	Db2 Connect	10.5.0.3	All	All	All
Application	Ibm	Db2 Connect	10.5.0.4	All	All	All
Application	Ibm	Db2 Connect	10.5.0.4	All	All	All
Application	Ibm	Db2 Connect	10.5.0.4	All	All	All
Application	Ibm	Db2 Connect	10.5.0.5	All	All	All
Application	Ibm	Db2 Connect	10.5.0.5	All	All	All
Application	Ibm	Db2 Connect	10.5.0.5	All	All	All
Application	Ibm	Db2 Connect	10.5.0.6	All	All	All
Application	Ibm	Db2 Connect	10.5.0.6	All	All	All
Application	Ibm	Db2 Connect	10.5.0.6	All	All	All
Application	Ibm	Db2 Connect	10.5.0.7	All	All	All
Application	Ibm	Db2 Connect	10.5.0.7	All	All	All
Application	Ibm	Db2 Connect	10.5.0.7	All	All	All
Application	Ibm	Db2 Connect	11.1.0.0	All	All	All
Application	Ibm	Db2 Connect	11.1.0.0	All	All	All
Application	Ibm	Db2 Connect	11.1.0.0	All	All	All
Application	Ibm	Db2 Connect	9.7	All	All	All
Application	Ibm	Db2 Connect	9.7	All	All	All
Application	Ibm	Db2 Connect	9.7	All	All	All
Application	Ibm	Db2 Connect	9.7.0.1	All	All	All
Application	Ibm	Db2 Connect	9.7.0.1	All	All	All
Application	Ibm	Db2 Connect	9.7.0.1	All	All	All
Application	Ibm	Db2 Connect	9.7.0.10	All	All	All
Application	Ibm	Db2 Connect	9.7.0.10	All	All	All
Application	Ibm	Db2 Connect	9.7.0.10	All	All	All
Application	Ibm	Db2 Connect	9.7.0.11	All	All	All
Application	Ibm	Db2 Connect	9.7.0.11	All	All	All
Application	Ibm	Db2 Connect	9.7.0.11	All	All	All
Application	Ibm	Db2 Connect	9.7.0.2	All	All	All
Application	Ibm	Db2 Connect	9.7.0.2	All	All	All
Application	Ibm	Db2 Connect	9.7.0.2	All	All	All
Application	Ibm	Db2 Connect	9.7.0.3	All	All	All
Application	Ibm	Db2 Connect	9.7.0.3	All	All	All
Application	Ibm	Db2 Connect	9.7.0.3	All	All	All
Application	Ibm	Db2 Connect	9.7.0.4	All	All	All

Application	Ibm	Db2 Connect	9.7.0.4	All	All	All
Application	Ibm	Db2 Connect	9.7.0.4	All	All	All
Application	Ibm	Db2 Connect	9.7.0.5	All	All	All
Application	Ibm	Db2 Connect	9.7.0.5	All	All	All
Application	Ibm	Db2 Connect	9.7.0.5	All	All	All
Application	Ibm	Db2 Connect	9.7.0.6	All	All	All
Application	Ibm	Db2 Connect	9.7.0.6	All	All	All
Application	Ibm	Db2 Connect	9.7.0.6	All	All	All
Application	Ibm	Db2 Connect	9.7.0.7	All	All	All
Application	Ibm	Db2 Connect	9.7.0.7	All	All	All
Application	Ibm	Db2 Connect	9.7.0.7	All	All	All
Application	Ibm	Db2 Connect	9.7.0.8	All	All	All
Application	Ibm	Db2 Connect	9.7.0.8	All	All	All
Application	Ibm	Db2 Connect	9.7.0.8	All	All	All
Application	Ibm	Db2 Connect	9.7.0.9	All	All	All
Application	Ibm	Db2 Connect	9.7.0.9	All	All	All
Application	Ibm	Db2 Connect	9.7.0.9	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
IBM DB2 Library Loading Error Lets Local Users Obtain Root Privileges - SecurityTracker	af854a3a-2127-422b-9
IBM Security Bulletin: Local escalation of privilege vulnerability in IBM® DB2® (CVE-2016-5995). - United States	af854a3a-2127-422b-9
IBM Registration	af854a3a-2127-422b-9
IBM IT16921: SECURITY: ELEVATED PRIVILEGES WITH DB2 EXECUTABLES (CVE-2016-5995). - United States	af854a3a-2127-422b-9
IBM Registration	af854a3a-2127-422b-9
IBM Registration	af854a3a-2127-422b-9
Multiple IBM DB2 Products CVE-2016-5995 Local Privilege Escalation Vulnerability	af854a3a-2127-422b-9
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status **status.cve.report**