



CVE-2016-10577

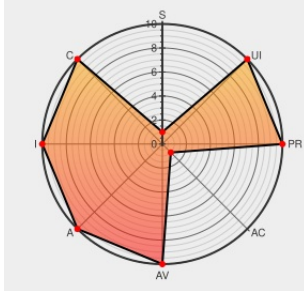
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CVE-2016-10577

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:30/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of **ibm Db** from **ibm** contain the following vulnerability:

ibm_db is an asynchronous/synchronous interface for node.js to IBM DB2 and IBM Informix. ibm_db before 1.0.2 downloads binary resources over HTTP, which leaves it vulnerable to MITM attacks. It may be possible to cause remote code execution (RCE) by swapping out the requested binary with an attacker controlled binary if the attacker is on the network or positioned in between the user and the remote server.

CVE-2016-10577 has been assigned by **h1** support@hackerone.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **h1** **HackerOne** - **ibm_db node module** version <1.0.2

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
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Overview

Third Party Advisory

nodesecurity.io

text/html

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MISC

nodesecurity.io/advisories/163

fix for issue #208 · ibmdb/node-ibm_db@d7e2d4b · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/ibmdb/node-ibm_db/commit/d7e2d4b4cbeb6f067df8bba7d0b2ac5d40fcfc19#diff-315091eb1586966006e05ebc21cd2a94

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Related QID Numbers

983929 Nodejs (npm) Security Update for ibm_db (GHSA-c4qp-h3m6-785f)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	ibm	ibm Db	All	All	All	All
Application	ibm	ibm Db	All	All	All	All

cpe:2.3:a:ibm:ibm_db.*.*.*.*:node.js:*.*:

cpe:2.3:a:ibm:ibm_db.*.*.*.*:node.js:*.*:

No vendor comments have been submitted for this CVE

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