



CVE-2017-16024

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

Certain versions of [Node.js](#) from [Nodejs](#) contain the following vulnerability:

The sync-exec module is used to simulate `child_process.execSync` in node versions `<0.11.9`. Sync-exec uses tmp directories as a buffer before returning values. Other users on the server have read access to the tmp directory, possibly allowing an attacker on the server to obtain confidential information from the buffer/tmp file, while it exists.

CVE-2017-16024 has been assigned by [h1](#) support@hackerone.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [h1](#) **HackerOne** - sync-exec node module version **All versions**

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **4 - MEDIUM**

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

CVE References

Description	Tags	Link
Insecure temporary directorios · Issue #17 · gvarsanyi/sync-	Issue Tracking	MISC github.com/gvarsanyi/sync-exec/issues/17

Third Party Advisory
www.owasp.org
text/html

🔗 MISC
www.owasp.org/index.php/Insecure_Temporary_File

Third Party Advisory
cwe.mitre.org
text/html

 [MISC cwe.mitre.org/data/definitions/377.html](https://cwe.mitre.org/data/definitions/377.html)

Third Party Advisory
nodesecurity.io
text/html

S [MISC nodesecurity.io/advisories/310](https://nodesecurity.io/advisories/310)

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Related QID Numbers

983421 Nodejs (npm) Security Update for sync-exec (GHSA-38h8-x697-gh8q)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nodejs	Node.js	All	All	All	All
Application	Nodejs	Node.js	All	All	All	All
Application	Sync-exec Project	Sync-exec	All	All	All	All
cpe:2.3:a:nodejs:node.js:*:*:*:*:*:						
cpe:2.3:a:nodejs:node.js:*:*:*:*:*:						
cpe:2.3:a:sync-exec_project:sync-exec:*:*:**:node.js:*:						

No vendor comments have been submitted for this CVE

Next ID→