



CVE-2017-16003

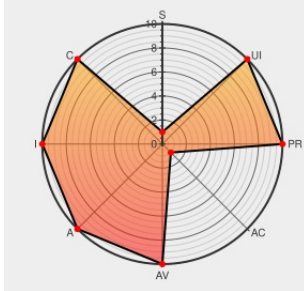
Published on: 05/29/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:39 PM UTC

CVE-2017-16003

[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 [Windows-build-tools](#) from [Windows-build-tools Project](#) contain the following vulnerability:

windows-build-tools is a module for installing C++ Build Tools for Windows using npm. windows-build-tools versions below 1.0.0 download 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 resources with an attacker controlled copy if the attacker is on the network or positioned in between the user and the remote server.

CVE-2017-16003 has been assigned by [h1](#) support@hackerone.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [h1](#) **HackerOne - windows-build-tools node module** version <1.0.0

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: **9.3 - HIGH**

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

CVE References

Description	Tags	Link
-------------	------	------

Overview

Third Party Advisory

nodesecurity.io

text/html

S

MISC

nodesecurity.io/advisories/304

:wrench: Use HTTPS - Thanks to @grander · felixrieseberg/windows-build-tools@9835d33 · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/felixrieseberg/windows-build-tools/commit/9835d33e68f2cb5e4d148e954bb3ed0221d98e90

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

Related QID Numbers

983926 Nodejs (npm) Security Update for windows-build-tools (GHSA-9p47-w5xp-f4xr)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Windows-build-tools Project	Windows-build-tools	All	All	All	All
Application	Windows-build-tools Project	Windows-build-tools	All	All	All	All

cpe:2.3:a:windows-build-tools_project:windows-build-tools:*:*:*:*:node.js:*:*:

cpe:2.3:a:windows-build-tools_project:windows-build-tools:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →