

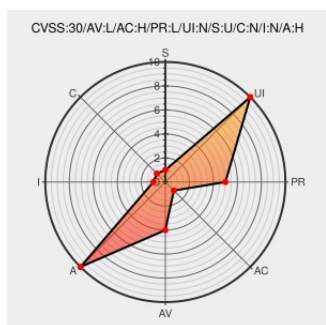


CVE-2018-15499

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CVE-2018-15499

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

Certain versions of [Gearaspiwdm](#) from [Gearsoftware](#) contain the following vulnerability:

GEAR Software products that include GEARAspiWDM.sys, 2.2.5.0, allow local users to cause a denial of service (Race Condition and BSoD on Windows) by not checking that user-mode memory is available right before writing to it. A check is only performed at the beginning of a long subroutine.

CVE-2018-15499 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **4.7 - MEDIUM**

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

CVSS2 Score: **4.7 - MEDIUM**

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

CVE References

Description	Tags	Link
GitHub - DownWithUp/CVE-2018-15499: PoC code for CVE-2018-15499 (exploit race condition for BSoD)	Exploit Third Party Advisory github.com	MISC github.com/DownWithUp/CVE-2018-15499

[text/html](#)[DownWithUp's Github Website](#)[Exploit](#)[Third Party Advisory](#)[downwithup.github.io](#)[text/html](#)[MISC](#)[downwithup.github.io/CVEPosts.html](#)

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC code for CVE-2018-15499 (exploit race condition for BSoD)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gearsoftware	Gearaspiwdm	2.2.5.0	All	All	All
Application	Gearsoftware	Gearaspiwdm	2.2.5.0	All	All	All
cpe:2.3:a:gearsoftware:gearaspiwdm:2.2.5.0:*:*:*:*:*:						
cpe:2.3:a:gearsoftware:gearaspiwdm:2.2.5.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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