

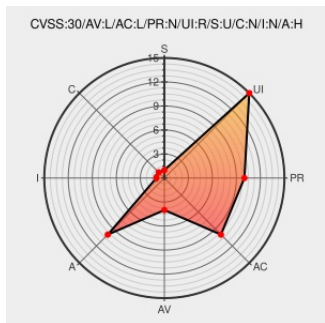


CVE-2018-20168

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CVE-2018-20168

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

Certain versions of [Gvisor](#) from [Google](#) contain the following vulnerability:

Google gVisor before 2018-08-22 reuses a pagetable in a different level with the paging-structure cache intact, which allows attackers to cause a denial of service ("physical address not valid" panic) via a crafted application.

CVE-2018-20168 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
1674 - project-zero - Project Zero - Monorail	Patch Vendor Advisory bugs.chromium.org text/html	MISC bugs.chromium.org/p/project-zero/issues/detail?id=1674

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Gvisor	All	All	All	All
Application	Google	Gvisor	All	All	All	All
cpe:2.3:a:google:gvisor:*.*.*.*.*.*.*.*.						
cpe:2.3:a:google:gvisor:*.*.*.*.*.*.*.*.						

No vendor comments have been submitted for this CVE

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