

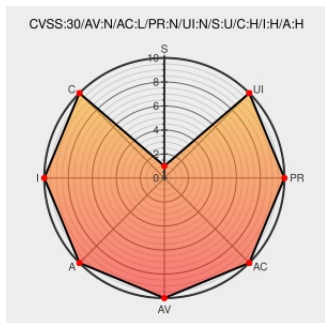


CVE-2018-19333

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CVE-2018-19333

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

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

pkg/sentry/kernel/shm/shm.go in Google gVisor before 2018-11-01 allows attackers to overwrite memory locations in processes running as root (but not escape the sandbox) via vectors involving IPC_RMID shmctl calls, because reference counting is mishandled.

CVE-2018-19333 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Privilege Escalation in gVisor, Google's Container Sandbox	Exploit Third Party Advisory justi.cz text/html	justi.cz/security/2018/11/14/gvisor-lpe.html

Prevent premature destruction
of shm segments. ·
google/gvisor@0e277a3 ·
GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/google/gvisor/commit/0e277a39c8b6f905e289b75e8ad0594e6b3562ca

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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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Next ID →

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