



CVE-2020-13759

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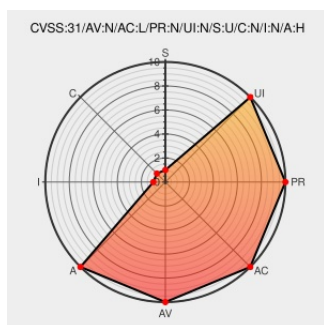
CVE-2020-13759

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Vm-memory](#) from [Vm-memory Project](#) contain the following vulnerability:

rust-vmm vm-memory before 0.1.1 and 0.2.x before 0.2.1 allows attackers to cause a denial of service (loss of IP networking) because read_obj and write_obj do not properly access memory. This affects aarch64 (with musl or glibc) and x86_64 (with musl).

CVE-2020-13759 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Release vm-memory-v0.1.1 · rust-vmm/vm-memory · GitHub	Release Notes Third Party Advisory github.com text/html	MISC github.com/rust-vmm/vm-memory/releases/tag/v0.1.1

Release vm-memory-v0.2.1 · rust-vmm/vm-memory · GitHub

Release Notes

Third Party Advisory

github.com

text/html

MISC

github.com/rust-vmm/vm-memory/releases/tag/v0.2.1

DoS issue when using virtio with rust-vmm/vm-memory · Issue #93 · rust-vmm/vm-memory · GitHub

Technical Description

github.com

text/html

MISC

github.com/rust-vmm/vm-memory/issues/93

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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	Vm-memory Project	Vm-memory	All	All	All	All
Application	Vm-memory Project	Vm-memory	All	All	All	All

cpe:2.3:a:vm-memory_project:vm-memory:*****:*

cpe:2.3:a:vm-memory_project:vm-memory:*****:*

No vendor comments have been submitted for this CVE

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