



# CVE-2021-29511

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2021-29511
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-05-12 18:15:00 UTC
<b>Updated</b>	2022-10-25 19:13:00 UTC
<b>Description</b>	evm is a pure Rust implementation of Ethereum Virtual Machine. Prior to the patch, when executing specific EVM opcodes

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Evm Project</a>	<a href="#">Evm</a>	0.22.0	All	All	All
Application	<a href="#">Evm Project</a>	<a href="#">Evm</a>	0.23.0	All	All	All
Application	<a href="#">Evm Project</a>	<a href="#">Evm</a>	0.24.0	All	All	All
Application	<a href="#">Evm Project</a>	<a href="#">Evm</a>	0.25.0	All	All	All
Application	<a href="#">Evm Project</a>	<a href="#">Evm</a>	0.26.0	All	All	All
Application	<a href="#">Evm Project</a>	<a href="#">Evm</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Skip setting memory value if the value vec is empty · rust-blockchain/evm@19ade85 · GitHub	MISC	<a href="#">github.com</a>	
Memory over-allocation in evm crate · Advisory · rust-blockchain/evm · GitHub	CONFIRM	<a href="#">github.com</a>	
<a href="#">crates.io/crates/evm</a>	MISC	<a href="#">crates.io</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

997013 Rust (Rust) Security Update for evm (GHSA-4jwq-572w-4388)

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