



# CVE-2021-44964

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2021-44964
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-03-14 15:15:00 UTC
<b>Updated</b>	2022-03-21 05:17:00 UTC
<b>Description</b>	Use after free in garbage collector and finalizer of lgc.c in Lua interpreter 5.4.0~5.4.3 allows attackers to perform Sandbox E

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Lua	Lua	All	All	All	All

## References

Reference	Source	Link	Tags
Re: Crash Analysis: Finalizer Logic in singlestep function can lead to Sandbox Escape Exploit	MISC	<a href="https://lua-users.org">lua-users.org</a>	
Re: Crash Analysis: Finalizer Logic in singlestep function can lead to Sandbox Escape Exploit	MISC	<a href="https://lua-users.org">lua-users.org</a>	
GitHub - Lua-Project/lua-5.4.4-sandbox-escape-with-new-vulnerability	MISC	<a href="https://github.com">github.com</a>	
Crash Analysis: Finalizer Logic in singlestep function can lead to Sandbox Escape Exploit	MISC	<a href="https://lua-users.org">lua-users.org</a>	
Re: Crash Analysis: Finalizer Logic in singlestep function can lead to Sandbox Escape Exploit	MISC	<a href="https://lua-users.org">lua-users.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analy

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160489](#) Oracle Enterprise Linux Security Update for lua (ELSA-2023-0957)

[184941](#) Debian Security Update for lua5.4 (CVE-2021-44964)

<a href="#">241222</a> Red Hat Update for lua (RHSA-2023:0957)
<a href="#">241261</a> Red Hat Update for lua (RHSA-2023:1211)
<a href="#">901037</a> Common Base Linux Mariner (CBL-Mariner) Security Update for lua (9048)
<a href="#">906948</a> Common Base Linux Mariner (CBL-Mariner) Security Update for lua (9048-1)
<a href="#">940945</a> AlmaLinux Security Update for lua (ALSA-2023:0957)
<a href="#">960895</a> Rocky Linux Security Update for lua (RLSA-2023:0957)

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