



# CVE-2021-45985

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## Summary

<b>CVE</b>	CVE-2021-45985
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-04-10 09:15:00 UTC
<b>Updated</b>	2023-04-14 03:51:00 UTC
<b>Description</b>	In Lua 5.4.3, an erroneous finalizer called during a tail call leads to a heap-based buffer over-read.

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Lua</a>	<a href="#">Lua</a>	5.4.3	All	All	All

## References

Reference	Source	Link	Tags
Lua: bugs	MISC	<a href="http://www.lua.org">www.lua.org</a>	Vendor Advisory
Crash Analysis : Erroneous finalizer called during tail call leads to heap buffer overflow	MISC	<a href="http://lua-users.org">lua-users.org</a>	Exploit, Mailing List, Ve
Bug: finalizers can be called with an invalid stack · lua/lua@cf613cd · GitHub	MISC	<a href="https://github.com">github.com</a>	Patch
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[182015](#) Debian Security Update for lua5.4 (CVE-2021-45985)

[357240](#) Amazon Linux Security Advisory for lua : ALAS2023-2024-533

[673856](#) EulerOS Security Update for lua (EulerOS-SA-2023-2697)

[674003](#) EulerOS Security Update for lua (EulerOS-SA-2023-2655)

906855 Common Base Linux Mariner (CBL-Mariner) Security Update for lua (26047-1)

906856 Common Base Linux Mariner (CBL-Mariner) Security Update for memcached (26155-1)

906859 Common Base Linux Mariner (CBL-Mariner) Security Update for ntopng (26158-1)

906876 Common Base Linux Mariner (CBL-Mariner) Security Update for lua (26047-1)

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