



CVE-2019-6706

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2019-6706
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-01-23 19:29:00 UTC
Updated	2023-06-23 01:15:00 UTC
Description	Lua 5.3.5 has a use-after-free in lua_upvaluejoin in lapi.c. For example, a crash outcome might be achieved by an attacker

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Application	Lua	Lua	5.3.5	All	All	All
Application	Lua	Lua	5.3.5	All	All	All

References

Reference	Source	Link
CVE-2019-6706 - Red Hat Customer Portal	MISC	acc
Lua-l - [Bug Report] Use after free in debug.upvaluejoin List View	MISC	lua.
Red Hat Customer Portal	REDHAT	acc
Lua 5.3.5 - 'debug.upvaluejoin' Use After Free - Multiple dos Exploit	EXPLOIT-DB	ww
USN-3941-1: Lua vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn
[Bug Report] Use after free in debug.upvaluejoin	MISC	lua-

[SECURITY] [DLA 3469-1] lua5.3 security update	MLIST	lists
Fixed bug in 'lua_upvaluejoin' · lua/lua@89aee84 · GitHub	MISC	gith
cve-analysis/CVE-2019-6706.pdf at a43c9ccd00274b31fa2f24c6c8f20ce36655682d · Lua-Project/cve-analysis · GitHub	MISC	gith
Lua 5.3.5 Use-After-Free ≈ Packet Storm	MISC	pac
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nvd

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

296071 Oracle Solaris 11.4 Support Repository Update (SRU) 27.82.1 Missing (CPUOCT2020)
500556 Alpine Linux Security Update for lua5.3
501751 Alpine Linux Security Update for lua5.4
504124 Alpine Linux Security Update for lua5.3
504125 Alpine Linux Security Update for lua5.4
6000153 Debian Security Update for lua5.3 (DLA 3469-1)
900048 CBL-Mariner Linux Security Update for lua 5.3.5
901011 Common Base Linux Mariner (CBL-Mariner) Security Update for lua (6669-1)
903062 Common Base Linux Mariner (CBL-Mariner) Security Update for lua (2654)
940062 AlmaLinux Security Update for lua (ALSA-2019:3706)
960769 Rocky Linux Security Update for lua (RLSA-2019:3706)

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