



CVE-2019-20398

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

Summary

CVE	CVE-2019-20398
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-01-22 22:15:00 UTC
Updated	2023-09-19 22:15:00 UTC
Description	A NULL pointer dereference is present in libyang before v1.0-r3 in the function lys_extension_instances_free() due to a cop

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cesnet	Libyang	0.11	r1	All	All
Application	Cesnet	Libyang	0.11	r2	All	All
Application	Cesnet	Libyang	0.12	r1	All	All
Application	Cesnet	Libyang	0.12	r2	All	All
Application	Cesnet	Libyang	0.13	r1	All	All
Application	Cesnet	Libyang	0.13	r2	All	All
Application	Cesnet	Libyang	0.14	r1	All	All
Application	Cesnet	Libyang	0.15	r1	All	All
Application	Cesnet	Libyang	0.16	r1	All	All
Application	Cesnet	Libyang	0.16	r2	All	All
Application	Cesnet	Libyang	0.16	r3	All	All
Application	Cesnet	Libyang	1.0	r1	All	All
Application	Cesnet	Libyang	1.0	r2	All	All
Application	Cesnet	Libyang	0.11	r1	All	All
Application	Cesnet	Libyang	0.11	r2	All	All
Application	Cesnet	Libyang	0.12	r1	All	All
Application	Cesnet	Libyang	0.12	r2	All	All

Application	Cesnet	Libyang	0.13	r1	All	All
Application	Cesnet	Libyang	0.13	r2	All	All
Application	Cesnet	Libyang	0.14	r1	All	All
Application	Cesnet	Libyang	0.15	r1	All	All
Application	Cesnet	Libyang	0.16	r1	All	All
Application	Cesnet	Libyang	0.16	r2	All	All
Application	Cesnet	Libyang	0.16	r3	All	All
Application	Cesnet	Libyang	1.0	r1	All	All
Application	Cesnet	Libyang	1.0	r2	All	All

References

Reference	Source
Segmentation fault in yanglint and yangfuzz due to unprintable characters · Issue #773 · CESNET/libyang · GitHub	MISC
schema tree BUGFIX do not copy unresolved exts in groupings restrictions · CESNET/libyang@7852b27 · GitHub	MISC
[SECURITY] [DLA 3572-1] libyang security update	MLIST
1793935 – (CVE-2019-20398) CVE-2019-20398 libyang: NULL pointer dereference in function lys_extension_instances_free()	MISC
Comparing v1.0-r2...v1.0-r3 · CESNET/libyang · GitHub	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[6000044](#) Debian Security Update for libyang (DLA 3572-1)

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