CVE-2019-20393

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Summary

CVE	CVE-2019-20393
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 double-free is present in libyang before v1.0-r1 in the function yyparse() when an empty description is used. Applications

Risk And Classification

Problem Types: CWE-415

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	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

References

Reference	Source	Linl
Comparing v0.16-r3...v1.0-r1 · CESNET/libyang · GitHub	MISC	gith
Heap corruption in yyparse · Issue #742 · CESNET/libyang · GitHub	MISC	gith
[SECURITY] [DLA 3572-1] libyang security update	MLIST	lists
1793930 – (CVE-2019-20393) CVE-2019-20393 libyang: double-free in function yyparse() when empty description is used	MISC	bug
yang parser BUGFIX double free · CESNET/libyang@d9feacc · GitHub	MISC	gith
CVE Program record	CVE.ORG	ww\
NVD vulnerability detail	NVD	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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