



CVE-2019-20396

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2019-20396
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 segmentation fault is present in yyparse in libyang before v1.0-r1 due to a malformed pattern statement value during lys_

Risk And Classification

Problem Types: CWE-119

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	Link
Segmentation fault in yyparse due to malformed pattern statement value · Issue #740 · CESNET/libyang · GitHub	MISC	github.com
Comparing v0.16-r3...v1.0-r1 · CESNET/libyang · GitHub	MISC	github.com
[SECURITY] [DLA 3572-1] libyang security update	MLIST	lists.debian.c
yang parser BUGFIX allocate more patterns than currently needed · CESNET/libyang@a1f1769 · GitHub	MISC	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

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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