CVE-2019-19334

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Summary

CVE	CVE-2019-19334
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-12-06 16:15:00 UTC
Updated	2023-11-07 03:07:00 UTC
Description	In all versions of libyang before 1.0-r5, a stack-based buffer overflow was discovered in the way libyang parses YANG files

Risk And Classification

Problem Types: CWE-787

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	1.0	r3	All	All
Application	Cesnet	Libyang	1.0	r4	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
Application	Cesnet	Libyang	1.0	r3	All	All
Application	Cesnet	Libyang	1.0	r4	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	S
1779576 – (CVE-2019-19334) CVE-2019-19334 libyang: stack-based buffer overflow in make_canonical when identityref leaf type is used	C
[SECURITY] Fedora 31 Update: libyang-1.0.101-1.fc31 - package-announce - Fedora Mailing-Lists	F
parser BUGFIX long identityref default value buffer overflow · CESNET/libyang@6980afa · GitHub	C
[SECURITY] Fedora 31 Update: libyang-1.0.101-1.fc31 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 30 Update: libyang-1.0.101-1.fc30 - package-announce - Fedora Mailing-Lists	F
Red Hat Customer Portal	F
[SECURITY] Fedora 30 Update: libyang-1.0.101-1.fc30 - package-announce - Fedora Mailing-Lists	
CVE Program record	C
NVD vulnerability detail	N

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

377141 Alibaba Cloud Linux Security Update for libyang (ALINUX3-SA-2022:0076)

940066 AlmaLinux Security Update for libyang (ALSA-2019:4360)

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report