



CVE-2019-19333

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

Summary

CVE	CVE-2019-19333
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	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source
[SECURITY] Fedora 31 Update: libyang-1.0.101-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA
parser BUGFIX long identity name buffer overflow · CESNET/libyang@f6d684a · GitHub	CONFIRMED
[SECURITY] Fedora 31 Update: libyang-1.0.101-1.fc31 - package-announce - Fedora Mailing-Lists	
1779573 – (CVE-2019-19333) CVE-2019-19333 libyang: stack-based buffer overflow in make_canonical when bits leaf type is used	CONFIRMED
[SECURITY] Fedora 30 Update: libyang-1.0.101-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA
Red Hat Customer Portal	REDHAT
[SECURITY] Fedora 30 Update: libyang-1.0.101-1.fc30 - package-announce - Fedora Mailing-Lists	
CVE Program record	CVE.O
NVD vulnerability detail	NVD

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)

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