



CVE-2018-10196

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

Summary

CVE	CVE-2018-10196
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-05-30 21:29:00 UTC
Updated	2023-11-07 02:51:00 UTC
Description	NULL pointer dereference vulnerability in the rebuild_vlists function in lib/dotgen/conc.c in the dotgen library in Graphviz 2.4

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Fedoraproject	Fedora	27	All	All	All
Operating System	Fedoraproject	Fedora	28	All	All	All
Operating System	Fedoraproject	Fedora	27	All	All	All
Operating System	Fedoraproject	Fedora	28	All	All	All
Application	Graphviz	Graphviz	2.40.1	All	All	All
Application	Graphviz	Graphviz	2.40.1	All	All	All

References

Reference	Source	Link	T
1579254 – (CVE-2018-10196) CVE-2018-10196 graphviz: NULL pointer dereference in rebuild_vlis	CONFIRM	bugzilla.redhat.com	Is
null derefence in rebuild_vlist (#1367) · Issues · graphviz / graphviz · GitLab	MISC	gitlab.com	P

[SECURITY] Fedora 27 Update: graphviz-2.40.1-11.fc27 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
USN-3731-1: LFTP vulnerability Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	T
[SECURITY] Fedora 27 Update: graphviz-2.40.1-11.fc27 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	M
[SECURITY] Fedora 28 Update: graphviz-2.40.1-22.fc28 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	M
[SECURITY] [DLA 2659-1] graphviz security update	MLIST	lists.debian.org	
[SECURITY] Fedora 28 Update: graphviz-2.40.1-22.fc28 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [178596](#) Debian Security Update for graphviz (DLA 2659-1)
- [199473](#) Ubuntu Security Notification for Graphviz Vulnerabilities (USN-5971-1)
- [670283](#) EulerOS Security Update for graphviz (EulerOS-SA-2021-1793)
- [670914](#) EulerOS Security Update for graphviz (EulerOS-SA-2021-1303)

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