



CVE-2018-19490

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

Summary

CVE	CVE-2018-19490
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-11-23 17:29:00 UTC
Updated	2020-09-28 20:15:00 UTC
Description	An issue was discovered in datafile.c in Gnuplot 5.2.5. This issue allows an attacker to conduct a heap-based buffer overflow

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Gnuplot	Gnuplot	5.2.5	All	All	All
Application	Gnuplot	Gnuplot	5.2.5	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All

References

Reference	Source	Link	Tags
gnuplot / gnuplot-main / Commit [d50207]	MISC	sourceforge.net	Patch, Third Party Advisory
gnuplot / Bugs / #2093 Buffer overflow in plot range option	MISC	sourceforge.net	Exploit, Third Party Advisory
[security-announce] openSUSE-SU-2019:1216-1: moderate: Security update for	SUSE	lists.opensuse.org	Mailing List, Third Party Advisory
[SECURITY] [DLA 1597-1] gnuplot security update	MLIST	lists.debian.org	Mailing List, Third Party Advisory
[SECURITY] [DLA 1595-1] gnuplot5 security update	MLIST	lists.debian.org	Mailing List, Third Party Advisory
USN-4541-1: Gnuplot vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[296065](#) Oracle Solaris 11.4 Support Repository Update (SRU) 39.107.1 Missing (CPUOCT2021)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)