



CVE-2018-8945

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2018-8945
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-03-22 21:29:00 UTC
Updated	2019-10-31 01:15:00 UTC
Description	The bfd_section_from_shdr function in elf.c in the Binary File Descriptor (BFD) library (aka libbfd), as distributed in GNU Binutils, contains a buffer overflow vulnerability. A remote attacker can exploit this vulnerability to crash the target system or, depending on the configuration, execute arbitrary code with root privileges. CVE-2018-8945

Risk And Classification

Problem Types: CWE-20

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Binutils	2.30	All	All	All
Application	Gnu	Binutils	2.30	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link	Tags
Binutils: Multiple vulnerabilities (GLSA 201811-17) — Gentoo security	GENTOO	security.gentoo.org	Third Party Advisory
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advisory
USN-4336-1: GNU binutils vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	
[security-announce] openSUSE-SU-2019:2415-1: moderate: Security update for binutils	SUSE	lists.opensuse.org	
[security-announce] openSUSE-SU-2019:2432-1: moderate: Security update for binutils	SUSE	lists.opensuse.org	
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advisory

22809 – Segmentation fault in bfd_section_from_shdr	MISC	sourceware.org	Exploit, Issue Tracking, PoC
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

[710297](#) Gentoo Linux Binutils Multiple Vulnerabilities (GLSA 201811-17)

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