



CVE-2019-7664

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Summary

CVE	CVE-2019-7664
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-02-09 16:29:00 UTC
Updated	2023-02-28 20:45:00 UTC
Description	In elfutils 0.175, a negative-sized memcpy is attempted in elf_cvt_note in libelf/note_xlate.h because of an incorrect overflow

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Elfutils Project	Elfutils	0.175	All	All	All
Application	Elfutils Project	Elfutils	0.175	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References				
Reference	Source	Link	Tags	
Red Hat Customer Portal	REDHAT	access.redhat.com		
24084 – Negative-size-param when when calling memcpy function in elf_cvt_note function in libelf	MISC	sourceware.org	Exploi	
Red Hat Customer Portal	REDHAT	access.redhat.com		
CVE Program record	CVE.ORG	www.cve.org	canon	
NVD vulnerability detail	NVD	nvd.nist.gov	canon	
No vendor comments have been submitted for this CVE.				
Legacy QID Mappings				
377416 Alibaba Cloud Linux Security Update for elfutils (ALINUX3-SA-2022:0041)				
377460 Alibaba Cloud Linux Security Update for elfutils (ALINUX2-SA-2019:0059)				
500175 Alpine Linux Security Update for elfutils				
503910 Alpine Linux Security Update for elfutils				
752414 SUSE Enterprise Linux Security Update for dwarves and elfutils (SUSE-SU-2022:2614-1)				