CVE-2020-27797

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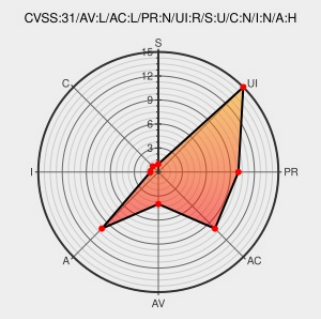
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Upx from Upx Project contain the following vulnerability:

An invalid memory address reference was discovered in the elf_lookup function in p_lx_elf.cpp in UPX 4.0.0 via a crafted Mach-O file.

CVE-2020-27797 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVE References

Description	Tags	Link
Segmentation fault in PackLinuxElf32::elf_lookup(char const*) of /src/p_lx_elf.cpp · Issue #390 · upx/upx · GitHub	github.com text/html	MISC github.com/upx/upx/issues/390

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Related QID Numbers

502959 Alpine Linux Security Update for upx

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Upx Project	Upx	4.0.0	All	All	All

cpe:2.3:a:upx_project:upx:4.0.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-27797 : An invalid memory address reference was discovered in the elf_lookup function in p_lx_elf.cpp in U… twitter.com/i/web/status/1…	2022-08-25 20:04:52
@workentin	New vulnerability on the NVD: CVE-2020-27797 ift.tt/ZthMjPW	2022-08-25 22:15:04
@JohnJasonFallow	New vulnerability on the NVD: CVE-2020-27797 ift.tt/sI4tKok	2022-08-25 22:16:18
@xanadulinux	CVE-2020-27797 ift.tt/4OZv25w	2022-08-25 22:27:56
@4ng3n01r3	#CyberSecurity #Security #CERT #CVE #Nist #breach #vulnerability : CVE-2020-27797	2022-08-25 22:55:14
@doogsineerg	New vulnerability on the NVD: CVE-2020-27797 ift.tt/SlDbLtl	2022-08-25 23:15:44
@Har_sia	CVE-2020-27797 har-sia.info/CVE-2020-27797… #HarsiaInfo	2022-08-26 18:28:03
@4ng3n01r3	#CyberSecurity #Security #CERT #CVE #Nist #breach #vulnerability : CVE-2020-27797 (upx)	2022-08-27 06:55:20
/r/netcve	CVE-2020-27797	2022-08-25 21:09:55

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