

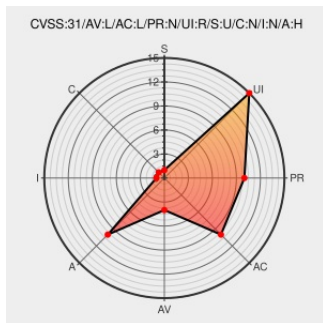


CVE-2020-27802

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CVE-2020-27802

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Upx](#) from [Upx Project](#) contain the following vulnerability:

An floating point exception was discovered in the elf_lookup function in p_lx_elf.cpp in UPX 4.0.0 via a crafted Mach-O file.

CVE-2020-27802 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

Attack
Vector

LOCAL

Attack
Complexity

LOW

Privileges
Required

NONE

User
Interaction

REQUIRED

Scope

UNCHANGED

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

HIGH

CVE References

Description

Tags

Link

Floating point exception in PackLinuxElf32::elf_lookup · Issue #393 · upx/upx · GitHub

[github.com](#)
[text/html](#)

MISC
github.com/upx/upx/issues/393

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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-2020-27802 : An floating point exception was discovered in the elf_lookup function in p_lx_elf.cpp in UPX 4.0.0... twitter.com/i/web/status/1...					2022-08-25 20:06:41
 @workentin	New vulnerability on the NVD: CVE-2020-27802 ift.tt/bjA1QJg					2022-08-25 22:15:00
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2020-27802 ift.tt/wO97W3n					2022-08-25 22:16:12
 @xanadulinux	CVE-2020-27802 ift.tt/V0hwHx5					2022-08-25 22:27:53
 @doogsineerg	New vulnerability on the NVD: CVE-2020-27802 ift.tt/V6Gp8ix					2022-08-25 23:15:41
 @Har_sia	CVE-2020-27802 har-sia.info/CVE-2020-27802... #HarsialInfo					2022-08-26 18:32:05
 /r/netcve	CVE-2020-27802					2022-08-25 21:10:00
← Previous ID Next ID →						