

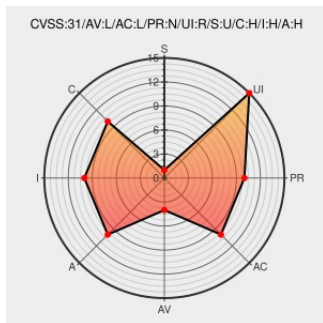


CVE-2020-27801

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CVE-2020-27801

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

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

A heap-based buffer over-read was discovered in the `get_le64` function in `bele.h` in `UPX 4.0.0` via a crafted Mach-O file.

CVE-2020-27801 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack
Vector

LOCAL

Attack
Complexity

LOW

Privileges
Required

NONE

User
Interaction

REQUIRED

Scope

UNCHANGED

Confidentiality
Impact

HIGH

Integrity
Impact

HIGH

Availability
Impact

HIGH

CVE References

Description

Tags

Link

Heap buffer overflow in `get_le64()` · Issue #394 · `upx/upx` · GitHub

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

MISC github.com/upx/upx/issues/394

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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-2020-27801 : A heap-based buffer over-read was discovered in the get_le64 function in bele.h in UPX 4.0.0 via a... twitter.com/i/web/status/1...					2022-08-25 20:06:23
 @workentin	New vulnerability on the NVD: CVE-2020-27801 ift.tt/1hcV7wD					2022-08-25 22:15:00
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2020-27801 ift.tt/xXKJ2hg					2022-08-25 22:16:13
 @xanadulinux	CVE-2020-27801 ift.tt/Z8nDFmP					2022-08-25 22:27:53
 @doogsineerg	New vulnerability on the NVD: CVE-2020-27801 ift.tt/58UZ9ml					2022-08-25 23:15:42
 @Har_sia	CVE-2020-27801 har-sia.info/CVE-2020-27801... #HarsialInfo					2022-08-26 18:29:04
 /r/netcve	CVE-2020-27801					2022-08-25 21:09:59
← Previous ID Next ID →						