



CVE-2020-27790

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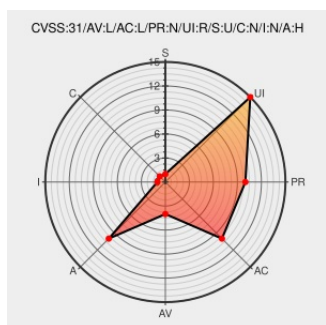
CVE-2020-27790

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

A floating point exception issue was discovered in UPX in PackLinuxElf64::invert_pt_dynamic() function of p_lx_elf.cpp file. An attacker with a crafted input file could trigger this issue that could cause a crash leading to a denial of service. The highest impact is to Availability.

CVE-2020-27790 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
SIGFPE divide by zero in PackLinuxElf64::invert_pt_dynamic at p_lx_elf.cpp:5108 · Issue #331 · upx/upx · GitHub	github.com text/html	MISC github.com/upx/upx/issues/331
Detect bogus DT_SYMENT. · upx/upx@eb90eab · GitHub	github.com text/html	MISC github.com/upx/upx/commit/eb90eab6325d009004ffb155e3e33f22d4d3ca26

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Upx Project	Upx	All	All	All	All
cpe:2.3:a:upx_project:upx:*****::						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2020-27790 : A floating point exception issue was discovered in UPX in PackLinuxElf64::invert_pt_dynamic func... twitter.com/i/web/status/1...	2022-08-18 19:06:32
 /r/netcve	CVE-2020-27790	2022-08-18 20:38:19

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