CVE-2020-27787

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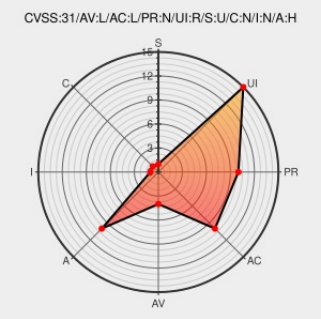
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

A Segmentaation fault was found in UPX in invert_pt_dynamic() function in p_lx_elf.cpp. An attacker with a crafted input file allows invalid memory address access that could lead to a denial of service.

CVE-2020-27787 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 PackLinuxElf64::invert_pt_dynamic at p_lx_elf.cpp:5173 · Issue #333 · upx/upx · GitHub	github.com text/html	MISC github.com/upx/upx/issues/333
Detect 0==DT_SYMTAB in invert_pt_dynamic() · upx/upx@e2f60ad · GitHub	github.com text/html	MISC github.com/upx/upx/commit/e2f60adc95334f47e286838dac33160819c5d74d

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-2020-27787 : A Segmentaation fault was found in UPX in invert_pt_dynamic function in p_lx_elf.cpp. An attacke… twitter.com/i/web/status/1…	2022-08-18 19:06:15
/r/netcve	CVE-2020-27787	2022-08-18 20:38:18

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