



CVE-2019-20021

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2019-20021
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-12-27 02:15:00 UTC
Updated	2023-11-07 03:08:00 UTC
Description	A heap-based buffer over-read was discovered in canUnpack in p_mach.cpp in UPX 3.95 via a crafted Mach-O file.

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Upx Project	Upx	3.95	All	All	All
Application	Upx Project	Upx	3.95	All	All	All

References

Reference	Source	Link
There is a heap-buffer-overflow in the canUnpack function of p_mach.cpp:1539 · Issue #315 · upx/upx · GitHub	MISC	github.com
[SECURITY] Fedora 31 Update: upx-3.96-2.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
[security-announce] openSUSE-SU-2020:0180-1: moderate: Security update f	SUSE	lists.opensuse.
[SECURITY] Fedora 30 Update: upx-3.96-1.fc30 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
[SECURITY] Fedora 31 Update: upx-3.96-2.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproj
[SECURITY] Fedora 30 Update: upx-3.96-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproj
[security-announce] openSUSE-SU-2020:0163-1: moderate: Security update f	SUSE	lists.opensuse.
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

501262 Alpine Linux Security Update for upx

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