CVE-2020-24119

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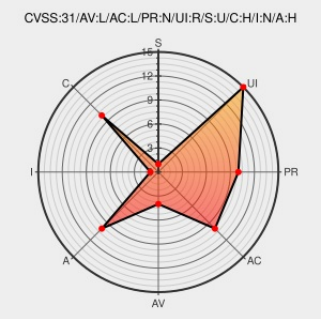
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Fedora from Fedoraproject contain the following vulnerability:

A heap buffer overflow read was discovered in upx 4.0.0, because the check in p_lx_elf.cpp is not perfect.

CVE-2020-24119 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.1 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	NONE	HIGH

CVSS2 Score: 5.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	PARTIAL

CVE References

Description	Tags	Link
[SECURITY] Fedora 34 Update: upx-3.96-9.fc34 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-737766a313
[SECURITY] Fedora 33 Update: upx-3.96-9.fc33 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-ceb9db8de0

CWE - CWE-126: Buffer Over-read (4.3)	cwe.mitre.org text/html	MISC cwe.mitre.org/data/definitions/126.html
Heap buffer overflow in get_le32() · Issue #388 · upx/upx · GitHub	github.com text/html	CONFIRM github.com/upx/upx/issues/388

Related QID Numbers

281129 Fedora Security Update for upx (FEDORA-2021-ceb9db8de0)

281130 Fedora Security Update for upx (FEDORA-2021-737766a313)

502959 Alpine Linux Security Update for upx

750184 OpenSUSE Security Update for upx (openSUSE-SU-2021:0813-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	Upx Project	Upx	4.0.0	All	All	All

cpe:2.3:o:fedoraproject:fedora:33:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:34:*:*:*:*:*:*:*:

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-2020-24119 : A heap buffer overflow read was discovered in upx 4.0.0, because the check in p_lx_elf.cpp is not… twitter.com/i/web/status/1…	2021-05-14 21:03:20
/r/netcve	CVE-2020-24119	2021-05-14 21:41:35

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CVE.report and Source URL Uptime Status status.cve.report