



CVE-2017-15056

Published on: 10/06/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:33 PM UTC

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

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

p_lx_elf.cpp in UPX 3.94 mishandles ELF headers, which allows remote attackers to cause a denial of service (application crash) or possibly have unspecified other impact via a crafted binary file, as demonstrated by an Invalid Pointer Read in PackLinuxElf64::unpack().

CVE-2017-15056 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
Invalid Pointer Read in PackLinuxElf64::unpack() · Issue #128 · upx/upx · GitHub	Issue Tracking Patch Third Party Advisory github.com text/html	MISC github.com/upx/upx/issues/128

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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	3.94	All	All	All
Application	Upx Project	Upx	3.94	All	All	All
cpe:2.3:a:upx_project:upx:3.94:*:*:*:*:*:						
cpe:2.3:a:upx_project:upx:3.94:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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