



CVE-2020-18900

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

CVSS:31/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:L



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

**** DISPUTED **** A heap-based buffer overflow in the `libexe_io_handle_read_coff_optional_header` function of `libyal/libexe` before 20181128. NOTE: the vendor has disputed this as described in [libyal/libexe issue 1](#) on GitHub.

CVE-2020-18900 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **LOW** severity.

CVSS3 Score: **3.3 - LOW**

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

CVSS2 Score: **1.9 - LOW**

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

CVE References

Description	Tags	Link
Multiple heap-buffer-overflow errors inside function <code>libexe_io_handle_read_coff_optional_header</code> in <code>libexe_io_handle.c</code> · Issue #1 · libyal/libexe · GitHub	github.com text/html	MISC github.com/libyal/libexe/issues/1

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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	Libexex Project	Libexex	All	All	All	All
cpe:2.3:a:libexex_project:libexex:*****::						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-18900 : A heap-based buffer overflow in the libexex_io_handle_read_coff_optional_header function of libyal... twitter.com/i/web/status/1...	2021-08-19 22:03:13
 @WesUncensored	New vulnerability on the NVD: CVE-2020-18900 ift.tt/3y6NT8m	2021-08-20 00:33:28
 @workentin	New vulnerability on the NVD: CVE-2020-18900 ift.tt/3y6NT8m	2021-08-20 00:40:42
 @xanadulinux	CVE-2020-18900 ift.tt/3y6NT8m	2021-08-20 00:52:26
 @0_exploit	CVE-2020-18900 dlvr.it/S5zrF7	2021-08-20 06:27:32

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