



CVE-2017-7226

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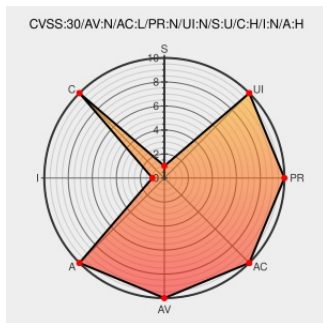
CVE-2017-7226

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Binutils](#) from [Gnu](#) contain the following vulnerability:

The `pe_ILF_object_p` function in the Binary File Descriptor (BFD) library (aka `libbfd`), as distributed in GNU Binutils 2.28, is vulnerable to a heap-based buffer over-read of size 4049 because it uses the `strlen` function instead of `strlen`, leading to program crashes in several utilities such as `addr2line`, `size`, and `strings`. It could lead to information disclosure as well.

CVE-2017-7226 has been assigned by [M](#) [cve@mitre.org](#) to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.1 - CRITICAL**

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

CVSS2 Score: **6.4 - MEDIUM**

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

CVE References

Description	Tags	Link
20905 – Heap buffer overflow in bfd/peicode.h	Issue Tracking Patch sourceware.org	CONFIRM sourceware.org/bugzilla/show_bug.cgi?id=20905

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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	Gnu	Binutils	2.28	All	All	All
Application	Gnu	Binutils	2.28	All	All	All
cpe:2.3:a:gnu:binutils:2.28:*:*:*:*:*:						
cpe:2.3:a:gnu:binutils:2.28:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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