



CVE-2018-16648

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Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Mupdf](#) from [Artifex](#) contain the following vulnerability:

In Artifex MuPDF 1.13.0, the `fz_append_byte` function in `fitz/buffer.c` allows remote attackers to cause a denial of service (segmentation fault) via a crafted pdf file. This is caused by a `pdf/pdf-device.c` `pdf_dev_alpha` array-index underflow.

CVE-2018-16648 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 4.3 - MEDIUM

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

CVE References

Description	Tags	Link
[SECURITY] [DLA 2289-1] mupdf security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20200725 [SECURITY] [DLA 2289-1] mupdf security update
Bug 699685 – MuPDF 1.13.0 array index underflow	Exploit Third Party Advisory	MISC bugs.ghostscript.com/show_bug.cgi?id=699685

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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	Artifex	Mupdf	1.13.0	All	All	All
Application	Artifex	Mupdf	1.13.0	All	All	All
cpe:2.3:a:artifex:mupdf:1.13.0:*****:						
cpe:2.3:a:artifex:mupdf:1.13.0:*****:						

No vendor comments have been submitted for this CVE

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