



CVE-2016-6525

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2016-6525
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-09-22 15:59:04 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Heap-based buffer overflow in the pdf_load_mesh_params function in pdf/pdf-shade.c in MuPDF allows remote attackers to

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.053620000 probability, percentile 0.901300000 (date 2026-05-06)

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Artifex	Mupdf	All	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
Bug 696954 – A heap corruption vulnerability	af854a3a-2127-422b-91ae-364da2661108	bugs.ghostscript.com
MuPDF: Multiple vulnerabilities (GLSA 201702-12) — Gentoo Security	af854a3a-2127-422b-91ae-364da2661108	security.gentoo.org
oss-security - Re: CVE request:Heap overflow vulns in MuPDF	af854a3a-2127-422b-91ae-364da2661108	www.openwall.com
git.ghostscript.com Git - mupdf.git/commit	af854a3a-2127-422b-91ae-364da2661108	git.ghostscript.com
MuPDF CVE-2016-6525 Heap Corruption Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.securityfocus.cc
Debian -- Security Information -- DSA-3655-1 mupdf	af854a3a-2127-422b-91ae-364da2661108	www.debian.org
git.ghostscript.com Git - mupdf.git/commit	MITRE	git.ghostscript.com
CVE Program record	CVE.ORG	www.cve.org

CVE Program Records

CVE.org

www.cve.org

NVD vulnerability detail

NVD

nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

710497 Gentoo Linux MuPDF Multiple Vulnerabilities (GLSA 201702-12)

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