



CVE-2009-4117

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CVE-2009-4117

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

Certain versions of [Sumatrapdf](#) from [Sumatrapdfreader](#) contain the following vulnerability:

Multiple stack-based buffer overflows in pdf_shade4.c in MuPDF before commit 20091125231942, as used in SumatraPDF before 1.0.1, allow remote attackers to cause a denial of service and possibly execute arbitrary code via a /Decode array for certain types of shading that are not properly handled by the (1) pdf_loadtype4shade, (2)

pdf_loadtype5shade, (3) pdf_loadtype6shade, and (4) pdf_loadtype7shade functions. NOTE: some of these details are obtained from third party information.

CVE-2009-4117 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **9.3 - HIGH**

Access
Vector

NETWORK

Access
Complexity

MEDIUM

Authentication

NONE

Confidentiality
Impact

COMPLETE

Integrity
Impact

COMPLETE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

No Description Provided

Exploit

[archives.neohapsis.com](#)

[FULLDISC 20091128 MuPDF pdf_shade4.c multiple stack-based buffer overflows](#)

Inactive Link Not Archived

SumatraPDF Shading Pattern Processing Buffer Overflow Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com

Vendor Advisory

[web.archive.org](#)

[text/html](#)

[SECUNIA 37513](#)

MuPDF Shading Pattern Processing Buffer Overflow Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com

Vendor Advisory

[web.archive.org](#)

[text/html](#)

[SECUNIA 37494](#)

IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	 XF mupdf-pdfshade4c-bo(54441)
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	Vendor Advisory web.archive.org text/html Inactive Link Not Archived	 VUPEN ADV-2009-3355
No Description Provided	web.archive.org text/html Inactive Link Not Archived	 CONFIRM blog.kowalczyk.info/software/sumatrapdf/news.html
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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	Sumatrapdfreader	Sumatrapdf	0.1	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.2	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.3	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.4	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.5	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.6	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.7	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.8	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.8.1	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.1	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.2	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.3	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.4	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.1	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.2	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.3	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.4	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.5	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.6	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.7	All	All	All

Application	Sumatrapdfreader	Sumatrapdf	0.8	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.8.1	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.1	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.2	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.3	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	0.9.4	All	All	All
Application	Sumatrapdfreader	Sumatrapdf	All	All	All	All
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.1:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.2:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.3:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.4:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.5:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.6:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.7:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.8:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.8.1:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.1:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.2:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.3:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.4:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.1:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.2:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.3:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.4:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.5:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.6:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.7:*:*:*:*:*:						
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.8:*:*:*:*:*:						

cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.8.1:*****:
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9:*****:
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.1:*****:
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.2:*****:
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.3:*****:
cpe:2.3:a:sumatrapdfreader:sumatrapdf:0.9.4:*****:
cpe:2.3:a:sumatrapdfreader:sumatrapdf:*****:

No vendor comments have been submitted for this CVE

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