CVE-2005-4470

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CVE-2005-4470

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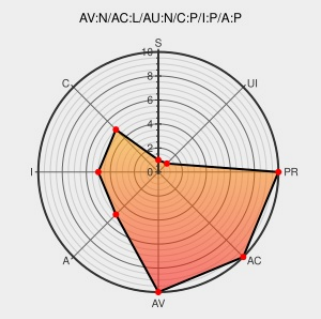

Certain versions of Blenloader from Blender contain the following vulnerability:

Heap-based buffer overflow in the get_bhead function in readfile.c in Blender BlenLoader 2.0 through 2.40pre allows remote attackers to cause a denial of service (application crash) and possibly execute arbitrary code via a .blend file with a negative bhead.len value, which causes less memory to be allocated than expected, possibly due to an integer overflow.

CVE-2005-4470 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
SecurityFocus	www.securityfocus.com text/html	BUGTRAQ 20051220 [Overflow.pl] Blender BlenLoader Integer Overflow
Secunia - Advisories - Blender "get_bhead()" Integer Overflow Vulnerability	Vendor Advisory web.archive.org text/html	SECUNIA 18176
USN-238-2: Blender vulnerability | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-238-2
Secunia - Advisories - Ubuntu update for blender	web.archive.org text/html	SECUNIA 18178
404 Not Found	Exploit	MISC www.overflow.pl/adv/blenderinteger.txt

	www.overflow.pl text/plain Inactive Link Not Archived	
Secunia - Advisories - Gentoo update for blender	web.archive.org text/html	SECUNIA 18452
Debian -- Security Information -- DSA-1039-1 blender	www.debian.org Depreciated Link text/html	DEBIAN DSA-1039
Blender BlenLoader File Processing Integer Overflow Vulnerability	Exploit cve.report (archive) text/html	BID 15981
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	www.vupen.com text/html	VUPEN ADV-2005-3032
Secunia - Advisories - Debian update for blender	web.archive.org text/html	SECUNIA 19754
Gentoo Linux Documentation -- Blender: Heap-based buffer overflow	www.gentoo.org text/html	GENTOO GLSA-200601-08

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Blender	Blenloader	2.0	All	All	All
Application	Blender	Blenloader	2.04	All	All	All
Application	Blender	Blenloader	2.25	All	All	All
Application	Blender	Blenloader	2.26	All	All	All
Application	Blender	Blenloader	2.27	All	All	All
Application	Blender	Blenloader	2.28	All	All	All
Application	Blender	Blenloader	2.28a	All	All	All
Application	Blender	Blenloader	2.28c	All	All	All
Application	Blender	Blenloader	2.30	All	All	All
Application	Blender	Blenloader	2.31a	All	All	All
Application	Blender	Blenloader	2.32	All	All	All
Application	Blender	Blenloader	2.33	All	All	All
Application	Blender	Blenloader	2.33a	All	All	All
Application	Blender	Blenloader	2.34	All	All	All
Application	Blender	Blenloader	2.35	All	All	All

Application	Blender	Blenloader	2.37	All	All	All
Application	Blender	Blenloader	2.37a	All	All	All
Application	Blender	Blenloader	2.39	All	All	All
Application	Blender	Blenloader	2.40_alpha	All	All	All
Application	Blender	Blenloader	2.0	All	All	All
Application	Blender	Blenloader	2.04	All	All	All
Application	Blender	Blenloader	2.25	All	All	All
Application	Blender	Blenloader	2.26	All	All	All
Application	Blender	Blenloader	2.27	All	All	All
Application	Blender	Blenloader	2.28	All	All	All
Application	Blender	Blenloader	2.28a	All	All	All
Application	Blender	Blenloader	2.28c	All	All	All
Application	Blender	Blenloader	2.30	All	All	All
Application	Blender	Blenloader	2.31a	All	All	All
Application	Blender	Blenloader	2.32	All	All	All
Application	Blender	Blenloader	2.33	All	All	All
Application	Blender	Blenloader	2.33a	All	All	All
Application	Blender	Blenloader	2.34	All	All	All
Application	Blender	Blenloader	2.35	All	All	All
Application	Blender	Blenloader	2.37	All	All	All
Application	Blender	Blenloader	2.37a	All	All	All
Application	Blender	Blenloader	2.39	All	All	All
Application	Blender	Blenloader	2.40_alpha	All	All	All
Application	Blender	Blenloader	All	All	All	All

cpe:2.3:a:blender:blenloader:2.0:*:*:*:*:*:*:*:

cpe:2.3:a:blender:blenloader:2.04:*:*:*:*:*:*:*:

cpe:2.3:a:blender:blenloader:2.25:*:*:*:*:*:*:*:

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cpe:2.3:a:blender:blenloader:2.28a:*:*:*:*:*:*:*:

cpe:2.3:a:blender:blenloader:2.28c:*:*:*:*:*:*:*:

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cpe:2.3:a:blender:blenloader:2.31a:*:*:*:*:*:*:*:

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cpe:2.3:a:blender:blenloader:2.37a:*:*:*:*:*:*:*:

cpe:2.3:a:blender:blenloader:2.39:*:*:*:*:*:*:*:

cpe:2.3:a:blender:blenloader:2.40_alpha:*:*:*:*:*:*:*:

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cpe:2.3:a:blender:blenloader:2.40_alpha:*:*:*:*:*:*:*:

cpe:2.3:a:blender:blenloader:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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