CVE-2013-3661

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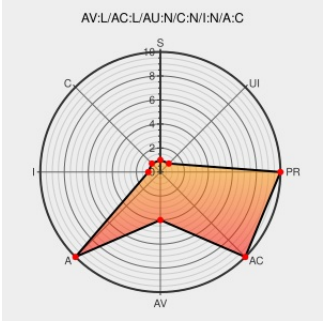

Certain versions of Windows 7 from Microsoft contain the following vulnerability:

The EPATHOBJ::bFlatten function in win32k.sys in Microsoft Windows XP SP2 and SP3, Windows Server 2003 SP2, Windows Vista SP2, Windows Server 2008 SP2 and R2 SP1, Windows 7 SP1, Windows 8, Windows Server 2012, and Windows RT does not check whether linked-list traversal is continually accessing the same list member, which allows local users to cause a denial of service (infinite traversal) via vectors that trigger a crafted PATHRECORD chain.

CVE-2013-3661 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 4.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link
win32k!EPATHOBJ::pprFlattenRec Uninitialized Next Pointer Testcase	www.exploit-db.com Proof of Concept text/html	EXPLOIT-DB 25611
Google engineer bashes Microsoft's handling of security researchers, discloses Windows zero-day | Computerworld	www.computerworld.com text/html	MISC www.computerworld.com/s/article/9239477
Google engineer publicizes Windows zero-day bug, claims Microsoft is 'difficult to work with' |	www.theverge.com text/html	MISC www.theverge.com/2013/5/23/4358400/google-engineer-bashes-n discloses-windows-flaw

The Verge		
Security Advisory SA53435 - Microsoft Windows Kernel Multiple Vulnerabilities - Secunia	Vendor Advisory web.archive.org text/html	SECUNIA 53435
No Description Provided	www.osvdb.org Inactive Link Not Archived	OSVDB 93539
Tavis Ormandy na Twitterze: "I just realised a really cute trick to exploit the EPATHOBJ bug, make the list cycle, then a thread can clean up the pool, and patch it!"	nitter.domain.glass text/html	MISC twitter.com/taviso/statuses/335557286657400832
NEOHAPSIS - Peace of Mind Through Integrity and Insight	web.archive.org text/html Inactive Link Not Archived	FULLDISC 20130603 Re: exploitation ideas under memory pressure
NEOHAPSIS - Peace of Mind Through Integrity and Insight	web.archive.org text/html Inactive Link Not Archived	FULLDISC 20130517 Re: exploitation ideas under memory pressure
0day: Windows Kernel EPATHOBJ Vulnerability : netsec	www.reddit.com text/html	MISC www.reddit.com/r/netsec/comments/1eqh66/0day_windows_kernel_epathob

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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
Operating System	Microsoft	Windows 7	-	sp1	x64	All
Operating System	Microsoft	Windows 7	-	sp1	x86	All
Operating System	Microsoft	Windows 7	-	sp1	x64	All
Operating System	Microsoft	Windows 7	-	sp1	x86	All
Operating System	Microsoft	Windows 8	-	-	x64	All
Operating System	Microsoft	Windows 8	-	-	x86	All
Operating System	Microsoft	Windows 8	-	-	x64	All
Operating System	Microsoft	Windows 8	-	-	x86	All
Operating System	Microsoft	Windows Rt	-	All	All	All

System						
Operating System	Microsoft	Windows Rt	-	All	All	All
Operating System	Microsoft	Windows Server 2003	All	sp2	All	All
Operating System	Microsoft	Windows Server 2003	All	sp2	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All
Operating System	Microsoft	Windows Xp	All	sp3	All	All
Operating System	Microsoft	Windows Xp	-	sp2	x64	All
Operating System	Microsoft	Windows Xp	All	sp3	All	All
Operating System	Microsoft	Windows Xp	-	sp2	x64	All

cpe:2.3:o:microsoft:windows_7:-:sp1:x64:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:sp1:x86:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:sp1:x64:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:sp1:x86:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_8:-:-:x64:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_8:-:-:x86:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_8:-:-:x64:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_8:-:-:x86:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_rt:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_rt:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_vista:-:sp2:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_vista:-:sp2:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_xp:*:sp3:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_xp:-:sp2:x64:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_xp:*:sp3:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_xp:-:sp2:x64:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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