CVE-2012-1876

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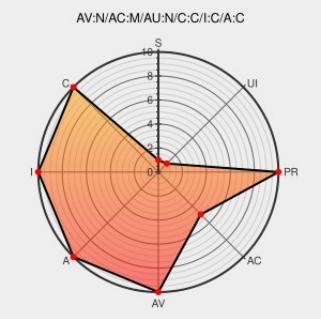
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Ie from Microsoft contain the following vulnerability:

Microsoft Internet Explorer 6 through 9, and 10 Consumer Preview, does not properly handle objects in memory, which allows remote attackers to execute arbitrary code by attempting to access a nonexistent object, leading to a heap-based buffer overflow, aka "Col Element Remote Code Execution Vulnerability," as demonstrated by VUPEN during a Pwn2Own competition at CanSecWest 2012.

CVE-2012-1876 has been assigned by secure@microsoft.com to track the vulnerability

CVSS2 Score: 9.3 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Pwn2Own 2012: IE 9 hacked with two 0day vulnerabilities | ZDNet	www.zdnet.com text/html	MISC www.zdnet.com/blog/security/pwn2own-2012-ie-9-hacked-with-two-0day-vulnerabilities/10621
JavaScript is not available.	nitter.domain.glass text/html	MISC twitter.com/vupen/statuses/177895844828291073
Microsoft Security Bulletin MS12-037 - Critical | Microsoft Docs	docs.microsoft.com text/html	MS MS12-037
US-CERT Alert TA12-164A -- Microsoft Updates for Multiple Vulnerabilities	US Government Resource www.us-cert.gov text/html	CERT TA12-164A
Pwn2Own 2012	pwn2own.zerodayinitiative.com text/html	MISC pwn2own.zerodayinitiative.com/status.html

IE 9, on most secure Windows yet, next browser to fall at hacker contest | Ars Technica	arstechnica.com text/html	MISC arstechnica.com/business/news/2012/03/ie-9-on-latest-windows-gets-stomped-at-hacker-contest.ars
Repository / Oval Repository	oval.cisecurity.org text/html	OVAL oval:org.mitre.oval:def:15539

There are currently no QIDs associated with this CVE

Exploit/POC from Github

CVE-2012-1876 simple calc exploitation

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Microsoft	Ie	6	All	All	All
Application	Microsoft	Ie	7	All	All	All
Application	Microsoft	Ie	8	All	All	All
Application	Microsoft	Ie	9	All	All	All
Application	Microsoft	Ie	6	All	All	All
Application	Microsoft	Ie	7	All	All	All
Application	Microsoft	Ie	8	All	All	All
Application	Microsoft	Ie	9	All	All	All
Application	Microsoft	Internet Explorer	6	All	All	All
Application	Microsoft	Internet Explorer	7	All	All	All
Application	Microsoft	Internet Explorer	8	All	All	All
Application	Microsoft	Internet Explorer	9	All	All	All
Operating System	Microsoft	Windows 2003 Server	All	sp2	All	All
Operating System	Microsoft	Windows 2003 Server	All	sp2	itanium	All
Operating System	Microsoft	Windows 2003 Server	All	sp2	All	All
Operating System	Microsoft	Windows 2003 Server	All	sp2	itanium	All
Operating System	Microsoft	Windows 7	All	All	x64	All
Operating System	Microsoft	Windows 7	All	All	x86	All

System						
Operating System	Microsoft	Windows 7	All	sp1	x86	All
Operating System	Microsoft	Windows 7	-	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	x86	All
Operating System	Microsoft	Windows 7	All	All	x64	All
Operating System	Microsoft	Windows 7	All	All	x86	All
Operating System	Microsoft	Windows 7	All	sp1	x86	All
Operating System	Microsoft	Windows 7	-	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	x86	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	All	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x86	All
Operating System	Microsoft	Windows Server 2008	-	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	r2	All	itanium	All
Operating System	Microsoft	Windows Server 2008	r2	All	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x86	All
Operating System	Microsoft	Windows Server 2008	-	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	r2	All	itanium	All
Operating System	Microsoft	Windows Server 2008	r2	All	x64	All
Operating	Microsoft	Windows Vista	All	sp2	All	All

System						
Operating System	Microsoft	Windows Vista	All	sp2	x64	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All
Operating System	Microsoft	Windows Vista	All	sp2	x64	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:a:microsoft:ie:6:*:*:*:*:*:*:*:

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cpe:2.3:a:microsoft:ie:8:*:*:*:*:*:*:*:

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No vendor comments have been submitted for this CVE

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