



CVE-2010-3962

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Summary

CVE	CVE-2010-3962
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-11-05 17:00:00 UTC
Updated	2022-02-28 19:15:00 UTC
Description	Use-after-free vulnerability in Microsoft Internet Explorer 6, 7, and 8 allows remote attackers to execute arbitrary code via v

Risk And Classification

EPSS: 0.899430000 probability, percentile 0.995780000 (date 2026-04-17)

CISA KEV: Listed on 2025-10-06; due 2025-10-27; ransomware use Unknown

Problem Types: CWE-416

CISA Known Exploited Vulnerability

Vendor	Microsoft
Product	Internet Explorer
Name	Microsoft Internet Explorer Uninitialized Memory Corruption Vulnerability
Required Action	Apply mitigations per vendor instructions, follow applicable BOD 22-01 guidance for cloud services, or discontinue use of the product if mitigations are unavailable.
Notes	https://learn.microsoft.com/en-us/security-updates/SecurityAdvisories/2010/2458511? redirectedfrom=MSDN ; https://nvd.nist.gov/vuln/detail/CVE-2010-3962

NVD Known Affected Configurations (CPE 2.3)

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	6	All	All	All
Application	Microsoft	Ie	7	All	All	All
Application	Microsoft	Ie	8	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
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	All	All
Operating System	Microsoft	Windows 7	-	All	All	All
Operating System	Microsoft	Windows 7	All	All	All	All
Operating System	Microsoft	Windows 7	-	All	All	All
Operating System	Microsoft	Windows Server 2003	All	sp2	All	All
Operating System	Microsoft	Windows Server 2003	-	sp2	All	All
Operating System	Microsoft	Windows Server 2003	All	sp2	All	All
Operating System	Microsoft	Windows Server 2008	All	All	itanium	All
Operating System	Microsoft	Windows Server 2008	All	All	x32	All
Operating System	Microsoft	Windows Server 2008	All	All	x64	All
Operating System	Microsoft	Windows Server 2008	All	r2	itanium	All
Operating System	Microsoft	Windows Server 2008	All	r2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x32	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x64	All
Operating System	Microsoft	Windows Server 2008	-	-	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	r2	All	All	All
Operating System	Microsoft	Windows Server 2008	All	All	itanium	All
Operating System	Microsoft	Windows Server 2008	All	All	x32	All
Operating System	Microsoft	Windows Server 2008	All	All	x64	All
Operating System	Microsoft	Windows Server 2008	All	r2	itanium	All
Operating System	Microsoft	Windows Server 2008	All	r2	x64	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x32	All
Operating System	Microsoft	Windows Server 2008	All	sp2	x64	All
Operating System	Microsoft	Windows Server 2008	-	sp2	itanium	All
Operating System	Microsoft	Windows Vista	All	sp1	All	All
Operating System	Microsoft	Windows Vista	All	sp1	x64	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All

Operating System	Microsoft	Windows Vista	All	sp2	x64	All
Operating System	Microsoft	Windows Vista	-	sp1	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All
Operating System	Microsoft	Windows Vista	All	sp1	All	All
Operating System	Microsoft	Windows Vista	All	sp1	x64	All
Operating System	Microsoft	Windows Vista	All	sp2	All	All
Operating System	Microsoft	Windows Vista	All	sp2	x64	All
Operating System	Microsoft	Windows Vista	-	sp1	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	All	All
Operating System	Microsoft	Windows Xp	-	sp2	All	All
Operating System	Microsoft	Windows Xp	-	sp2	x64	All
Operating System	Microsoft	Windows Xp	-	sp3	All	All
Operating System	Microsoft	Windows Xp	All	sp3	All	All
Operating System	Microsoft	Windows Xp	-	sp2	x64	All

References
Reference
New IE Zero-Day used in Targeted Attacks Symantec Connect
US-CERT Vulnerability Note VU#899748
Repository / Oval Repository
Microsoft Releases Security Advisory 2458511 - The Microsoft Security Response Center (MSRC) - Site Home - TechNet Blogs
Internet Explorer Multiple Vulnerabilities - Advisories - Community
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH
IBM X-Force Exchange
SecurityTracker.com Archives - Microsoft Internet Explorer Freed Object Invalid Flag Reference Access Lets Remote Users Execute Arbitrary
Internet Explorer Memory Corruption 0day Vulnerability
US-CERT Technical Cyber Security Alert TA10-348A -- Microsoft Updates for Multiple Vulnerabilities
Internet Explorer 6, 7, 8 Memory Corruption 0day Exploit
Microsoft Internet Explorer CSS Tags Uninitialized Memory Remote Code Execution Vulnerability
Microsoft Security Advisory (2458511): Vulnerability in Internet Explorer Could Allow Remote Code Execution
Microsoft Security Bulletin MS10-090 - Critical Microsoft Docs
CVE Program record
NVD vulnerability detail
CISA Known Exploited Vulnerabilities catalog

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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