



CVE-2010-3940

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CVE-2010-3940

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

Certain versions of [Windows 2003 Server](#) from [Microsoft](#) contain the following vulnerability:

Double free vulnerability in win32k.sys in the kernel-mode drivers in Microsoft Windows XP SP2 and SP3, Windows Server 2003 SP2, Windows Vista SP1 and SP2, Windows Server 2008 Gold, SP2, and R2, and Windows 7 allows local users to gain privileges via a crafted application, aka "Win32k PFE Pointer Double Free Vulnerability."

CVE-2010-3940 has been assigned by secure@microsoft.com to track the vulnerability

CVSS2 Score: **7.2 - HIGH**

Access Vector

LOCAL

Access Complexity

LOW

Authentication

NONE

Confidentiality Impact

COMPLETE

Integrity Impact

COMPLETE

Availability Impact

COMPLETE

CVE References

Description

Windows Kernel Buffer Overflows and Memory Corruption Errors Let Local Users Gain Elevated Privileges - SecurityTracker

Tags

www.securitytracker.com
text/html

Link

[SECTrack 1024880](#)

Repository / Oval Repository

oval.cisecurity.org
text/html

[OVAL](#)
oval.org/mitre/oval:def:12194

Microsoft Security Bulletin MS10-098 - Important | Microsoft Docs

docs.microsoft.com
text/html

[MS MS10-098](#)

US-CERT Technical Cyber Security Alert TA10-348A -- Microsoft Updates for Multiple Vulnerabilities

[US Government Resource](#)
www.us-cert.gov
text/xml

[CERT TA10-348A](#)

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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 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	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	-	sp2	itanium	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	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 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_2003_server:*:sp2:*****:						
cpe:2.3:o:microsoft:windows_2003_server:*:sp2:itanium:*****:						

cpe:2.3:o:microsoft:windows_2003_server:*:sp2:*:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:*:sp2:itanium:*:*:*:*:
cpe:2.3:o:microsoft:windows_7:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_7:-:*:*:*:*:
cpe:2.3:o:microsoft:windows_7:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_7:-:*:*:*:*:
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:*:*:itanium:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:*:x32:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:*:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:r2:itanium:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:r2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x32:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:itanium:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:*:itanium:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:*:x32:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:*:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:r2:itanium:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:r2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x32:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:itanium:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp1:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp1:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:-:sp1:*:*:*:*:

cpe:2.3:o:microsoft:windows_vista:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp1:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp1:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*:*:*:*:
cpe:2.3:o:microsoft:windows_vista:-:sp1:*:*:*:*:
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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