

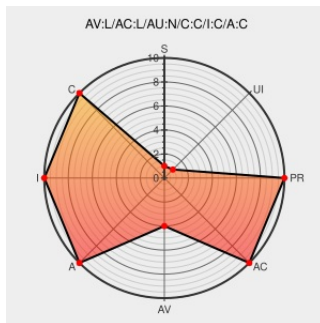


CVE-2010-3943

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CVE-2010-3943

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

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

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 does not properly link driver objects, which allows local users to gain privileges via a crafted application that triggers linked-list corruption, aka "Win32k

Cursor Linking Vulnerability."

CVE-2010-3943 has been assigned by  secure@microsoft.com to track the vulnerability

CVSS2 Score: **7.2 - HIGH**

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

CVE References

Description	Tags	Link
Windows Kernel Buffer Overflows and Memory Corruption Errors Let Local Users Gain Elevated Privileges - SecurityTracker	www.securitytracker.com text/html	 SECTrack 1024880
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
Repository / Oval Repository	oval.cisecurity.org text/html	 OVAL oval.org.mitre.oval:def:12317

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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	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:*:r2:Itanium:*****						

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:*.:
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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:*: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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