



CVE-2010-2551

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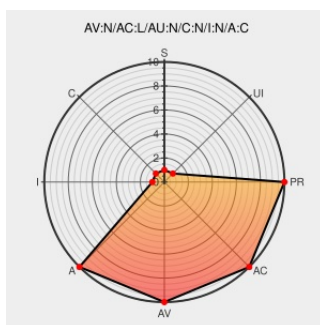
CVE-2010-2551

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Windows 7](#) from [Microsoft](#) contain the following vulnerability:

The SMB Server in Microsoft Windows Vista SP1 and SP2, Windows Server 2008 Gold, SP2, and R2, and Windows 7 does not properly validate an internal variable in an SMB packet, which allows remote attackers to cause a denial of service (system hang) via a crafted (1) SMBv1 or (2) SMBv2 packet, aka "SMB Variable Validation

Vulnerability."

CVE-2010-2551 has been assigned by secure@microsoft.com to track the vulnerability

CVSS2 Score: **7.8 - HIGH**

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

CVE References

Description	Tags	Link
Repository / Oval Repository	oval.cisecurity.org text/html	OVAL oval.org.mitre.oval:def:12015
Microsoft Security Bulletin MS10-054 - Critical Microsoft Docs	docs.microsoft.com text/html	MS MS10-054
US-CERT Technical Cyber Security Alert TA10-222A -- Microsoft Updates for Multiple Vulnerabilities	US Government Resource www.us-cert.gov text/xml	CERT TA10-222A

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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	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 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	All	sp2	itanium	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
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_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:*: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:*:*:*:*:

No vendor comments have been submitted for this CVE