CVE-2011-3414

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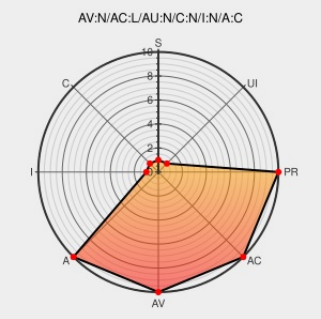

Certain versions of Windows 7 from Microsoft contain the following vulnerability:

The CaseInsensitiveHashProvider.getHashCode function in the HashTable implementation in the ASP.NET subsystem in Microsoft .NET Framework 1.1 SP1, 2.0 SP2, 3.5 SP1, 3.5.1, and 4.0 computes hash values for form parameters without restricting the ability to trigger hash collisions predictably, which allows remote attackers to cause a denial of service (CPU consumption) by sending many crafted parameters, aka "Collisions in HashTable May Cause DoS Vulnerability."

CVE-2011-3414 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
US-CERT Technical Cyber Security Alert TA11-347A -- Microsoft Updates for Multiple Vulnerabilities	US Government Resource www.us-cert.gov text/xml	CERT TA11-347A
Repository / Oval Repository	oval.cisecurity.org text/html	OVAL oval:org.mitre.oval:def:14588
Best 7 Best Internet Security Software in 2019	www.nruns.com application/pdf	MISC www.nruns.com/_downloads/advisory28122011.pdf
oCERT.org - oCERT Advisories	www.ocert.org text/xml	MISC www.ocert.org/advisories/ocert-2011-003.html

NEOHAPSIS - Peace of Mind Through Integrity and Insight	web.archive.org text/html Inactive Link Not Archived	BUGTRAQ 20111228 n.runs-SA-2011.004 - web programming languages and platforms - DoS through hash table
VU#903934 - Hash table implementations vulnerable to algorithmic complexity attacks	US Government Resource www.kb.cert.org text/html	CERT-VN VU#903934
Microsoft Security Bulletin MS11-100 - Critical | Microsoft Docs	docs.microsoft.com text/html	MS MS11-100

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

Operating System	Microsoft	Windows Server 2008	All	sp2	itanium	All
Operating System	Microsoft	Windows Server 2008	-	sp2	x64	All
Operating System	Microsoft	Windows Server 2008	-	sp2	x86	All
Operating System	Microsoft	Windows Server 2008	r2	All	itanium	All
Operating System	Microsoft	Windows Vista	All	sp2	x64	All
Operating System	Microsoft	Windows Vista	-	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	sp2	professional_x64	All
Operating System	Microsoft	Windows Xp	sp3	unknown	english	All
Operating System	Microsoft	Windows Xp	All	sp2	professional_x64	All
Operating System	Microsoft	Windows Xp	sp3	unknown	english	All

cpe:2.3:o:microsoft:windows_7:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:sp1:x64:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:sp1:x86:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:sp1:x64:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_7:-:sp1:x86:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:*:*:

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cpe:2.3:o:microsoft:windows_xp:sp3:unknown:english:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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