

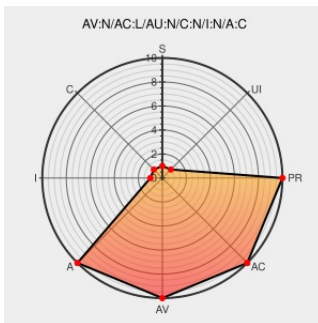


CVE-2011-3414

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CVE-2011-3414

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

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

NETWORK

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

NONE

Availability
Impact

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.nrns.com](#)
[application/pdf](#)

[MISC](#)
[www.nrns.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
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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
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:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2008:*:r2:x64:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:itanium:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:x64:*:*:*:*:						
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:x86:*:*:*:*:						
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:itanium:*.***.*:
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:x64:*.***.*:
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:x86:*.***.*:
cpe:2.3:o:microsoft:windows_server_2008:r2:*:itanium:*.***.*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*.***.*:
cpe:2.3:o:microsoft:windows_vista:-:sp2:*.***.*:
cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*.***.*:
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cpe:2.3:o:microsoft:windows_xp:sp3:unknown:english:*.***.*:
cpe:2.3:o:microsoft:windows_xp:*:sp2:professional_x64:*.***.*:
cpe:2.3:o:microsoft:windows_xp:sp3:unknown:english:*.***.*:

No vendor comments have been submitted for this CVE

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