



CVE-2005-3945

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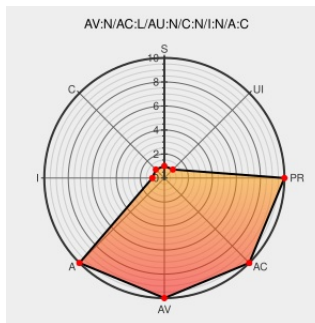
CVE-2005-3945

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Windows 2000](#) from [Microsoft](#) contain the following vulnerability:

The SynAttackProtect protection in Microsoft Windows 2003 before SP1 and Windows 2000 before SP4 with Update Roll-up uses a hash of predictable data, which allows remote attackers to cause a denial of service (CPU consumption) via a flood of SYN packets that produce identical hash values, which slows down the hash table lookups.

CVE-2005-3945 has been assigned by [M](#) cve@mitre.org 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

Microsoft Windows SynAttackProtect Predictable Hash Remote Denial of Service Vulnerability

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[🌐](#) [BID 15613](#)

SecurityFocus

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[🌐](#) [BUGTRAQ 20051128 Flaw in Syn Attack Protection on non-updated Microsoft OSes can lead to DoS](#)

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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 2000	All	All	All	All
Operating System	Microsoft	Windows 2000	All	sp1	All	All
Operating System	Microsoft	Windows 2000	All	sp2	All	All
Operating System	Microsoft	Windows 2000	All	sp3	All	All
Operating System	Microsoft	Windows 2000	All	sp4	All	All
Operating System	Microsoft	Windows 2000	All	All	All	All
Operating System	Microsoft	Windows 2000	All	sp1	All	All
Operating System	Microsoft	Windows 2000	All	sp2	All	All
Operating System	Microsoft	Windows 2000	All	sp3	All	All
Operating System	Microsoft	Windows 2000	All	sp4	All	All
Operating System	Microsoft	Windows 2003 Server	enterprise	All	64-bit	All
Operating System	Microsoft	Windows 2003 Server	r2	All	64-bit	All
Operating System	Microsoft	Windows 2003 Server	standard	All	64-bit	All
Operating System	Microsoft	Windows 2003 Server	web	All	All	All
Operating System	Microsoft	Windows 2003 Server	enterprise	All	64-bit	All
Operating System	Microsoft	Windows 2003 Server	r2	All	64-bit	All
Operating System	Microsoft	Windows 2003 Server	standard	All	64-bit	All
Operating System	Microsoft	Windows 2003 Server	web	All	All	All
cpe:2.3:o:microsoft:windows_2000:*****.*.*:						
cpe:2.3:o:microsoft:windows_2000:*:sp1:*****.*.*:						
cpe:2.3:o:microsoft:windows_2000:*:sp2:*****.*.*:						
cpe:2.3:o:microsoft:windows_2000:*:sp3:*****.*.*:						

cpe:2.3:o:microsoft:windows_2000:*:sp4:*:*:*:*:
cpe:2.3:o:microsoft:windows_2000:*:*:*:*:*:
cpe:2.3:o:microsoft:windows_2000:*:sp1:*:*:*:*:
cpe:2.3:o:microsoft:windows_2000:*:sp2:*:*:*:*:
cpe:2.3:o:microsoft:windows_2000:*:sp3:*:*:*:*:
cpe:2.3:o:microsoft:windows_2000:*:sp4:*:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:enterprise:*:64-bit:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:r2:*:64-bit:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:standard:*:64-bit:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:web:*:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:enterprise:*:64-bit:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:r2:*:64-bit:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:standard:*:64-bit:*:*:*:
cpe:2.3:o:microsoft:windows_2003_server:web:*:*:*:*:

No vendor comments have been submitted for this CVE

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