



# CVE-2013-3172

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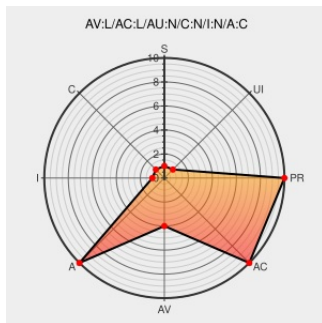
## CVE-2013-3172

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

Buffer overflow in win32k.sys in the kernel-mode drivers in Microsoft Windows XP SP2 and SP3, Windows Server 2003 SP2, Windows Vista SP2, Windows Server 2008 SP2 and R2 SP1, and Windows 7 SP1 allows local users to cause a denial of service (system hang) via a crafted application that leverages improper handling of objects in memory, aka "Win32k Buffer Overflow Vulnerability."

CVE-2013-3172 has been assigned by [secure@microsoft.com](mailto:secure@microsoft.com) to track the vulnerability

CVSS2 Score: **4.9 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>COMPLETE</b>     |

## CVE References

| Description                                                      | Tags                                                             | Link                                               |
|------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------|
| Repository / Oval Repository                                     | <a href="#">oval.cisecurity.org</a><br><a href="#">text/html</a> | <a href="#">OVAL oval.org.mitre.oval:def:17188</a> |
| Microsoft Security Bulletin MS13-053 - Critical   Microsoft Docs | <a href="#">docs.microsoft.com</a><br><a href="#">text/html</a>  | <a href="#">MS MS13-053</a>                        |

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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     | sp1    | x64     | All      |
| Operating System                               | Microsoft | Windows 7           | All     | sp1    | x86     | All      |
| Operating System                               | Microsoft | Windows 7           | All     | sp1    | x64     | All      |
| Operating System                               | Microsoft | Windows 7           | All     | 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     | sp2    | itanium | All      |
| Operating System                               | Microsoft | Windows Server 2008 | All     | sp2    | x64     | All      |
| Operating System                               | Microsoft | Windows Server 2008 | All     | sp2    | x86     | All      |
| Operating System                               | Microsoft | Windows Server 2008 | All     | sp2    | itanium | All      |
| Operating System                               | Microsoft | Windows Server 2008 | All     | sp2    | x64     | All      |
| Operating System                               | Microsoft | Windows Server 2008 | All     | sp2    | x86     | All      |
| Operating System                               | Microsoft | Windows Vista       | All     | sp2    | All     | All      |
| Operating System                               | Microsoft | Windows Vista       | All     | sp2    | x64     | All      |
| Operating System                               | Microsoft | Windows Vista       | All     | sp2    | All     | All      |
| Operating System                               | Microsoft | Windows Vista       | All     | sp2    | x64     | 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_7:*:sp1:x64:*****: |           |                     |         |        |         |          |

|                                                               |
|---------------------------------------------------------------|
| cpe:2.3:o:microsoft:windows_7:*:sp1:x86:~::~~::               |
| 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:*: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:*: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_vista:*:sp2:~::~~::               |
| 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:~::~~::           |
| 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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