

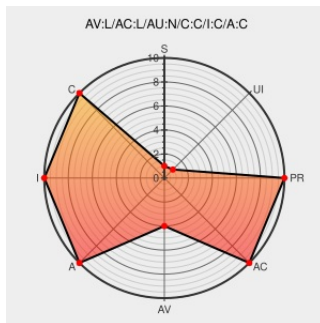


# CVE-2010-1897

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## CVE-2010-1897

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

Certain versions of [Windows 2003 Server](#) from [Microsoft](#) contain the following vulnerability:

The Windows kernel-mode drivers in win32k.sys in Microsoft Windows XP SP2 and SP3, Windows Server 2003 SP2, Windows Vista SP1 and SP2, Windows Server 2008 Gold, SP2, and R2, and Windows 7 do not properly validate pseudo-handle values in callback parameters during window creation, which allows local users to gain privileges via a crafted application, aka "Win32k Window Creation Vulnerability."

CVE-2010-1897 has been assigned by [secure@microsoft.com](mailto:secure@microsoft.com) to track the vulnerability

CVSS2 Score: **7.2 - HIGH**

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

## CVE References

| Description                                                                                        | Tags                                                                                                                       | Link                                                                  |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| US-CERT Technical Cyber Security Alert TA10-222A -- Microsoft Updates for Multiple Vulnerabilities | <a href="#">US Government Resource</a><br><a href="http://www.us-cert.gov">www.us-cert.gov</a><br><a href="#">text/xml</a> | <a href="#">CERT TA10-222A</a>                                        |
| Repository / Oval Repository                                                                       | <a href="#">oval.cisecurity.org</a><br><a href="#">text/html</a>                                                           | <a href="#">OVAL</a><br><a href="#">oval:org.mitre.oval:def:11663</a> |
| Microsoft Security Bulletin MS10-048 - Important   Microsoft Docs                                  | <a href="#">docs.microsoft.com</a><br><a href="#">text/html</a>                                                            | <a href="#">MS MS10-048</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 2003 Server | All     | sp2    | All     | All      |
| Operating System                         | Microsoft | Windows 2003 Server | All     | sp2    | itanium | All      |
| Operating System                         | Microsoft | Windows 2003 Server | All     | sp2    | All     | All      |
| Operating System                         | Microsoft | Windows 2003 Server | All     | sp2    | itanium | All      |
| 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 2003 | All     | sp2    | All     | All      |
| Operating System                         | Microsoft | Windows Server 2003 | All     | sp2    | 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 | 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 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 |
| 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_2003_server:*:sp2:*****:         |           |                     |     |     |         |     |
| cpe:2.3:o:microsoft:windows_2003_server:*:sp2:itanium:*****: |           |                     |     |     |         |     |
| cpe:2.3:o:microsoft:windows_2003_server:*:sp2:*****:         |           |                     |     |     |         |     |

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| cpe:2.3:o:microsoft:windows_2003_server:*:sp2:itanium:*:*:*:*: |
|                                                                |
| cpe:2.3:o:microsoft:windows_7:*:*:*:*:*:*:                     |
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| cpe:2.3:o:microsoft:windows_7:-:*:*:*:*:*:                     |
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| cpe:2.3:o:microsoft:windows_7:*:*:*:*:*:*:                     |
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| cpe:2.3:o:microsoft:windows_7:-:*:*:*:*:*:                     |
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| cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:         |
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| cpe:2.3:o:microsoft:windows_server_2003:*:sp2:*:*:*:*:         |
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| cpe:2.3:o:microsoft:windows_server_2008:*:itanium:*:*:*:*:     |
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| cpe:2.3:o:microsoft:windows_server_2008:*:x32:*:*:*:*:         |
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| cpe:2.3:o:microsoft:windows_server_2008:*:x64:*:*:*:*:         |
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| cpe:2.3:o:microsoft:windows_server_2008:*:r2:itanium:*:*:*:*:  |
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| cpe:2.3:o:microsoft:windows_server_2008:*:r2:x64:*:*:*:*:      |
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| cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x32:*:*:*:*:     |
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| cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x64:*:*:*:*:     |
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| cpe:2.3:o:microsoft:windows_server_2008:*:itanium:*:*:*:*:     |
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| cpe:2.3:o:microsoft:windows_server_2008:*:x32:*:*:*:*:         |
|                                                                |
| cpe:2.3:o:microsoft:windows_server_2008:*:x64:*:*:*:*:         |
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| cpe:2.3:o:microsoft:windows_server_2008:*:r2:itanium:*:*:*:*:  |
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| cpe:2.3:o:microsoft:windows_server_2008:*:r2:x64:*:*:*:*:      |
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| 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:*:*:*:*:               |
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|------------------------------------------------------|
| cpe:2.3:o:microsoft:windows_vista:*:*:*:*:*:         |
| cpe:2.3:o:microsoft:windows_vista:*:sp1:x64:*:*:*:*: |
| cpe:2.3:o:microsoft:windows_vista:*:*:*:*:*:         |
| cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*:*:*:*: |
| cpe:2.3:o:microsoft:windows_vista:-:sp1:*:*:*:*:*:   |
| 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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