

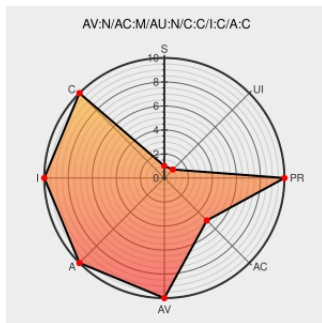


# CVE-2009-2512

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## CVE-2009-2512

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

Certain versions of [Windows Server 2008](#) from [Microsoft](#) contain the following vulnerability:

The Web Services on Devices API (WSDAPI) in Windows Vista Gold, SP1, and SP2 and Server 2008 Gold and SP2 does not properly process the headers of WSD messages, which allows remote attackers to execute arbitrary code via a crafted (1) message or (2) response, aka "Web Services on Devices API Memory Corruption Vulnerability."

CVE-2009-2512 has been assigned by [secure@microsoft.com](mailto:secure@microsoft.com) to track the vulnerability

CVSS2 Score: **9.3 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</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="https://oval.org/mitre/oval:def:6079">OVAL<br/>oval.org/mitre/oval:def:6079</a> |
| US-CERT Technical Cyber Security Alert TA09-314A -- Microsoft Updates for Multiple Vulnerabilities | <a href="#">US Government Resource</a><br><a href="#">www.us-cert.gov</a><br><a href="#">text/xml</a> | <a href="#">CERT TA09-314A</a>                                                           |
| Microsoft Security Bulletin MS09-063 - Critical   Microsoft Docs                                   | <a href="#">docs.microsoft.com</a><br><a href="#">text/html</a>                                       | <a href="#">MS MS09-063</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 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     | sp2    | itanium | 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 | 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     | sp2    | itanium | 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 Vista       | All     | All    | All     | All      |
| Operating System                                     | Microsoft | Windows Vista       | All     | All    | x64     | All      |
| Operating System                                     | Microsoft | Windows Vista       | All     | sp1    | x64     | All      |
| Operating System                                     | Microsoft | Windows Vista       | All     | sp2    | x64     | All      |
| Operating System                                     | Microsoft | Windows Vista       | -       | sp1    | All     | All      |
| Operating System                                     | Microsoft | Windows Vista       | -       | sp2    | All     | All      |
| Operating System                                     | Microsoft | Windows Vista       | All     | All    | All     | All      |
| Operating System                                     | Microsoft | Windows Vista       | All     | All    | x64     | All      |

|                                                                |           |               |     |     |     |     |
|----------------------------------------------------------------|-----------|---------------|-----|-----|-----|-----|
| Operating System                                               | Microsoft | Windows Vista | All | sp1 | x64 | All |
| Operating System                                               | Microsoft | Windows Vista | All | sp2 | x64 | All |
| Operating System                                               | Microsoft | Windows Vista | -   | sp1 | All | All |
| Operating System                                               | Microsoft | Windows Vista | -   | sp2 | All | All |
| cpe:2.3:o:microsoft:windows_server_2008:*:*:itanium:*:*:*:*:   |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_server_2008:*:*:x32:*:*:*:*:       |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_server_2008:*:*:x64:*:*:*:*:       |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_server_2008:*:sp2:itanium:*:*:*:*: |           |               |     |     |     |     |
| 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:*:*:itanium:*:*:*:*:   |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_server_2008:*:*:x32:*:*:*:*:       |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_server_2008:*:*:x64:*:*:*:*:       |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_server_2008:*:sp2:itanium:*:*:*:*: |           |               |     |     |     |     |
| 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_vista:*:*:*:*:*:*:                 |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:*:*:x64:*:*:*:*:             |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:*:sp1:x64:*:*:*:*:           |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*:*:*:*:           |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:-:sp1:*:*:*:*:*:             |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:-:sp2:*:*:*:*:*:             |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:*:*:*:*:*:*:                 |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:*:*:x64:*:*:*:*:             |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:*:sp1:x64:*:*:*:*:           |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:*:sp2:x64:*:*:*:*:           |           |               |     |     |     |     |
| cpe:2.3:o:microsoft:windows_vista:-:sp1:*:*:*:*:*:             |           |               |     |     |     |     |

cpe:2.3:o:microsoft:windows\_vista:-:sp2:\*\*\*\*\*:

No vendor comments have been submitted for this CVE

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