

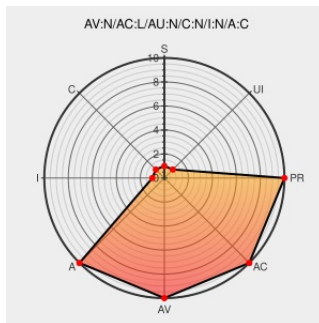


# CVE-2009-1928

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## CVE-2009-1928

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

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

Stack consumption vulnerability in the LDAP service in Active Directory on Microsoft Windows 2000 SP4, Server 2003 SP2, and Server 2008 Gold and SP2; Active Directory Application Mode (ADAM) on Windows XP SP2 and SP3 and Server 2003 SP2; and Active Directory Lightweight Directory Service (AD LDS) on Windows Server 2008 Gold

and SP2 allows remote attackers to cause a denial of service (system hang) via a malformed (1) LDAP or (2) LDAPS request, aka "LSASS Recursive Stack Overflow Vulnerability."

CVE-2009-1928 has been assigned by [secure@microsoft.com](mailto:secure@microsoft.com) to track the vulnerability

CVSS2 Score: **7.8 - HIGH**

Access  
Vector

Access  
Complexity

Authentication

**NETWORK**

**LOW**

**NONE**

Confidentiality  
Impact

Integrity  
Impact

Availability  
Impact

**NONE**

**NONE**

**COMPLETE**

## CVE References

Description

Tags

Link

US-CERT Technical Cyber Security Alert TA09-314A -- Microsoft Updates for Multiple Vulnerabilities

[US Government Resource](#)

[www.us-cert.gov](http://www.us-cert.gov)

[text/xml](#)

[CERT TA09-314A](#)

Microsoft Security Bulletin MS09-066 - Important | Microsoft Docs

[docs.microsoft.com](https://docs.microsoft.com)

[text/html](#)

[MS MS09-066](#)

Repository / Oval Repository

[oval.cisecurity.org](https://oval.cisecurity.org)

[text/html](#)

[OVAL](#)

[oval.org.mitre.oval:def:5890](https://oval.org.mitre.oval:def:5890)

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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 | <a href="#">Microsoft</a> | <a href="#">Windows 2000</a>        | All     | sp4    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 2000</a>        | All     | sp4    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 2003 Server</a> | All     | sp2    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 2003 Server</a> | All     | sp2    | itanium | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 2003 Server</a> | All     | sp2    | x64     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 2003 Server</a> | All     | sp2    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 2003 Server</a> | All     | sp2    | itanium | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 2003 Server</a> | All     | sp2    | x64     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | All    | x32     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | All    | x64     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | sp2    | x32     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | sp2    | x64     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | -       | gold   | itanium | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | -       | sp2    | itanium | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | All    | x32     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | All    | x64     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | sp2    | x32     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | All     | sp2    | x64     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | -       | gold   | itanium | All      |

|                                                                |           |                     |     |     |         |     |
|----------------------------------------------------------------|-----------|---------------------|-----|-----|---------|-----|
| Operating System                                               | Microsoft | Windows Server 2008 | -   | sp2 | itanium | 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 | 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       | All | All | All     | All |
| Operating System                                               | Microsoft | Windows Vista       | All | All | x64     | 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 Xp          | All | sp2 | 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 | sp2 | All     | All |
| Operating System                                               | Microsoft | Windows Xp          | All | sp3 | All     | All |
| Operating System                                               | Microsoft | Windows Xp          | -   | sp2 | x64     | All |
| cpe:2.3:o:microsoft:windows_2000:*:sp4:*:*:*:*:                |           |                     |     |     |         |     |
| cpe:2.3:o:microsoft:windows_2000:*:sp4:*:*:*:*:                |           |                     |     |     |         |     |
| 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:x64:*:*:*:*:     |           |                     |     |     |         |     |

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```
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:x64:*:*:*:*:
```

```
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:x32:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:-:gold:itanium:*.:.:.:
```

```
cpe:2.3:o:microsoft:windows_server_2008:-sp2: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:x32:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:*:sp2:x64:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_server_2008:-:gold:itanium:*.*:*.*:.*
```

```
cpe:2.3:o:microsoft:windows_server_2008:-sp2:itanium:*.:*:*.*:
```

```
cpe:2.3:o:microsoft:windows_vista:*:*:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_vista:*:*:x64:*:*:*:*:*
```

```
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:*:*:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_vista:*:*:x64:*:*:*:*:*
```

```
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_xp:*:sp2:*:*:*:*:*:
```

|                                                     |                          |
|-----------------------------------------------------|--------------------------|
| cpe:2.3:o:microsoft:windows_xp:*:sp3:*:*:*:*:       |                          |
| cpe:2.3:o:microsoft:windows_xp:-:sp2:x64:*:*:*:*:   |                          |
| cpe:2.3:o:microsoft:windows_xp:*:sp2:*:*:*:*:       |                          |
| 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 |                          |
| <a href="#">← Previous ID</a>                       | <a href="#">Next ID→</a> |