



# CVE-2010-2568

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2010-2568
<b>State</b>	PUBLISHED
<b>Assigner</b>	microsoft
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2010-07-22 05:43:49 UTC
<b>Updated</b>	2026-04-22 10:35:13 UTC
<b>Description</b>	Windows Shell in Microsoft Windows XP SP3, Server 2003 SP2, Vista SP1 and SP2, Server 2008 SP2 and R2, and Windo

## Risk And Classification

**Primary CVSS:** v3.1 7.8 HIGH from ADP

**CVSS:**3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

**EPSS:** 0.921340000 probability, percentile 0.997140000 (date 2026-04-21)

**CISA KEV:** Listed on 2022-09-15; due 2022-10-06; ransomware use Unknown

**Problem Types:** NVD-CWE-noinfo | n/a | CWE-noinfo Not enough information

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	9.3		AV:N/AC:MAu:N/C:C/I:C/A:C

## CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:M/Au:N/C:C/I:C/A:C

### CISA Known Exploited Vulnerability

<b>Vendor</b>	Microsoft
<b>Product</b>	Windows
<b>Name</b>	Microsoft Windows Remote Code Execution Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://docs.microsoft.com/en-us/security-updates/securitybulletins/2010/ms10-046">https://docs.microsoft.com/en-us/security-updates/securitybulletins/2010/ms10-046</a> ; <a href="https://nvd.nist.gov/vuln/detail/CVE-2010-2568">https://nvd.nist.gov/vuln/detail/CVE-2010-2568</a>

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 7	-	All	All	All
Operating System	Microsoft	Windows Server 2003	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	-	-	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	All	All	All
Operating System	Microsoft	Windows Server 2008	r2	All	All	All
Operating System	Microsoft	Windows Vista	-	sp1	All	All

Operating System	<a href="#">MICROSOFT</a>	<a href="#">WINDOWS VISTA</a>	-	sp1	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows Vista</a>	-	sp2	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows Xp</a>	-	sp2	All	All
Operating System	<a href="#">Microsoft</a>	<a href="#">Windows Xp</a>	-	sp3	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

### References

Reference	Source
US-CERT Vulnerability Note VU#940193	af854a3a-2127
US-CERT Technical Cyber Security Alert TA10-222A -- Microsoft Updates for Multiple Vulnerabilities	af854a3a-2127
About Secunia Research   Flexera	af854a3a-2127
Espionage Attack Uses LNK Shortcut Files - F-Secure Weblog : News from the Lab	af854a3a-2127
Vulnerability in Windows "LNK" files?	af854a3a-2127
Microsoft Windows Shortcut 'LNK/PIF' Files Automatic File Execution Vulnerability	af854a3a-2127
Experts Warn of New Windows Shortcut Flaw — Krebs on Security	af854a3a-2127
Your request has been blocked. This could be due to several reasons.	af854a3a-2127
<a href="http://www.f-secure.com/weblog/archives/new_rootkit_en.pdf">www.f-secure.com/weblog/archives/new_rootkit_en.pdf</a>	af854a3a-2127
<a href="http://www.cisa.gov/known-exploited-vulnerabilities-catalog">www.cisa.gov/known-exploited-vulnerabilities-catalog</a>	134c704f-9b21
SecurityTracker.com Archives - Microsoft Windows Shell LNK Shortcut Processing Flaw Lets Users Execute Arbitrary Code	af854a3a-2127
The CPL Icon Loading Vulnerability	af854a3a-2127
Repository / Oval Repository	af854a3a-2127
Microsoft Security Bulletin MS10-046 - Critical   Microsoft Docs	af854a3a-2127
Preempting a Major Issue Due to the LNK Vulnerability - Raising Infocon to Yellow	af854a3a-2127
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
CISA Known Exploited Vulnerabilities catalog	CISA

No vendor comments have been submitted for this CVE.

### Additional Advisory Data

Source	Time	Event
ADP	2022-09-15T00:00:00.000Z	CVE-2010-2568 added to CISA KEV

There are currently no legacy QID mappings associated with this CVE.

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