# CVE-2014-0254

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2014-0254 |
| **State** | PUBLISHED |
| **Assigner** | microsoft |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2014-02-12 04:50:39 UTC |
| **Updated** | 2026-04-29 01:13:23 UTC |
| **Description** | The IPv6 implementation in Microsoft Windows 8, Windows Server 2012, and Windows RT does not properly validate pack |

## Risk And Classification

**Primary CVSS:** v2.0 7.8 from nvd@nist.gov

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

**EPSS:** 0.450370000 probability, percentile 0.976100000 (date 2026-05-04)

**Problem Types:** CWE-20 | n/a

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

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

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| Operating System | Microsoft | Windows 8 | - | - | x64 | All |
| Operating System | Microsoft | Windows 8 | - | - | x86 | All |
| Operating System | Microsoft | Windows Rt | - | All | All | All |
| Operating System | Microsoft | Windows Server 2012 | - | All | All | All |

## Vendor Declared Affected Products

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

## References

| Reference | So |
|---|---|
| Microsoft Windows IPv6 Stack Flaw Lets Remote Users Deny Service - SecurityTracker | af8 |
| Security Advisory SA56775 - Microsoft Windows IPv6 Router Advertisement Packets Handling Denial of Service Vulnerability - Secunia | af8 |
| Microsoft Windows TCP/IP IPv6 Router Advertisement Remote Denial of Service Vulnerability | af8 |
| IBM X-Force Exchange | af8 |
| osvdb.org/103159 | af8 |
| Microsoft Security Bulletin MS14-006 - Important \| Microsoft Docs | af8 |
| CVE Program record | CV |
| NVD vulnerability detail | NV |

No vendor comments have been submitted for this CVE.

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