



# CVE-2023-21556

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                               |
|------------------------|-------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2023-21556                                                                |
| <b>State</b>           | PUBLIC                                                                        |
| <b>Assigner</b>        | secure@microsoft.com                                                          |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                  |
| <b>Published</b>       | 2023-01-10 22:15:00 UTC                                                       |
| <b>Updated</b>         | 2023-04-27 19:15:00 UTC                                                       |
| <b>Description</b>     | Windows Layer 2 Tunneling Protocol (L2TP) Remote Code Execution Vulnerability |

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                    | Product                         | Version | Update | Edition | Language |
|------------------|---------------------------|---------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 1607</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 1607</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 1809</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 1809</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 1809</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 20h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 20h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 20h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 21h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 21h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 21h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 22h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 22h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10 22h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 11 21h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 11 21h2</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 11 22h2</a> | -       | All    | All     | All      |

|                  |           |                     |    |     |     |     |
|------------------|-----------|---------------------|----|-----|-----|-----|
| Operating System | Microsoft | Windows 11 22h2     | -  | All | All | All |
| Operating System | Microsoft | Windows 7           | -  | sp1 | All | All |
| Operating System | Microsoft | Windows 7           | -  | sp1 | All | All |
| Operating System | Microsoft | Windows 8.1         | -  | All | All | All |
| Operating System | Microsoft | Windows 8.1         | -  | All | All | All |
| Operating System | Microsoft | Windows Rt 8.1      | -  | All | All | All |
| Operating System | Microsoft | Windows Server 2008 | -  | sp2 | All | All |
| Operating System | Microsoft | Windows Server 2008 | -  | sp2 | All | All |
| Operating System | Microsoft | Windows Server 2008 | r2 | sp1 | All | All |
| Operating System | Microsoft | Windows Server 2012 | -  | All | All | All |
| Operating System | Microsoft | Windows Server 2012 | r2 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | -  | All | All | All |
| Operating System | Microsoft | Windows Server 2019 | -  | All | All | All |
| Operating System | Microsoft | Windows Server 2022 | -  | All | All | All |

| References                                                 |         |                                                                           |                     |
|------------------------------------------------------------|---------|---------------------------------------------------------------------------|---------------------|
| Reference                                                  | Source  | Link                                                                      | Tags                |
| Security Update Guide - Microsoft Security Response Center | MISC    | <a href="https://portal.msrc.microsoft.com">portal.msrc.microsoft.com</a> |                     |
| Security Update Guide - Microsoft Security Response Center | MISC    | <a href="https://msrc.microsoft.com">msrc.microsoft.com</a>               |                     |
| CVE Program record                                         | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                             | canonical           |
| NVD vulnerability detail                                   | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                           | canonical, analysis |

No vendor comments have been submitted for this CVE.

| Legacy QID Mappings                                                               |
|-----------------------------------------------------------------------------------|
| <a href="#">91969</a> Microsoft Windows Security Update for January 2023          |
| <a href="#">91971</a> Microsoft Azure Stack Hub Security Updates for January 2023 |