



# CVE-2021-43240

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2021-43240   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | secure@microsoft.com                                     |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback             |
| <b>Published</b>       | 2021-12-15 15:15:00 UTC                                  |
| <b>Updated</b>         | 2022-07-12 17:42:00 UTC                                  |
| <b>Description</b>     | NTFS Set Short Name Elevation of Privilege 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</a> | 1909    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1909    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1909    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 2004    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 2004    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 2004    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 20h2    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 20h2    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 20h2    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 21h1    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 21h1    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 21h1    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 21h2    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 21h2    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 21h2    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 21h2    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 11</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 11</a> | -       | All    | All     | All      |

|                  |           |                     |      |     |     |     |
|------------------|-----------|---------------------|------|-----|-----|-----|
| Operating System | Microsoft | Windows Server      | 2004 | All | All | All |
| Operating System | Microsoft | Windows Server      | 2022 | All | All | All |
| Operating System | Microsoft | Windows Server      | 20h2 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 2004 | 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> |                     |
| 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

91846 Microsoft Windows Security Update for December 2021

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