



# CVE-2020-16968

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

## Summary

|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2020-16968                                                                                                        |
| <b>State</b>           | PUBLIC                                                                                                                |
| <b>Assigner</b>        | secure@microsoft.com                                                                                                  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                          |
| <b>Published</b>       | 2020-10-16 23:15:00 UTC                                                                                               |
| <b>Updated</b>         | 2023-12-31 20:15:00 UTC                                                                                               |
| <b>Description</b>     | A remote code execution vulnerability exists when the Windows Camera Codec Pack improperly handles objects in memory. |

## Risk And Classification

**Problem Types:** CWE-20 | CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor    | Product    | Version | Update | Edition | Language |
|------------------|-----------|------------|---------|--------|---------|----------|
| Operating System | Microsoft | Windows 10 | -       | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1607    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1709    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1803    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1809    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1903    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1909    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 2004    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | -       | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1607    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1709    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1803    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1809    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1903    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 1909    | All    | All     | All      |
| Operating System | Microsoft | Windows 10 | 2004    | All    | All     | All      |

| References                                                                |         |                                                                                                                           |                     |
|---------------------------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------|---------------------|
| Reference                                                                 | Source  | Link                                                                                                                      | Tags                |
| portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-16968 | MISC    | <a href="https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-16968">portal.msrc.microsoft.com</a> | Patch, Vendor Adv   |
| ZDI-20-1258   Zero Day Initiative                                         | MISC    | <a href="https://www.zerodayinitiative.com/advisories/ZDI-20-1258">www.zerodayinitiative.com</a>                          | Third Party Adviso  |
| CVE Program record                                                        | CVE.ORG | <a href="https://www.cve.org/cve-id/CVE-2020-16968">www.cve.org</a>                                                       | canonical           |
| NVD vulnerability detail                                                  | NVD     | <a href="https://nvd.nist.gov/vuln/detail/CVE-2020-16968">nvd.nist.gov</a>                                                | canonical, analysis |
| <div><div></div></div>                                                    |         |                                                                                                                           |                     |
| No vendor comments have been submitted for this CVE.                      |         |                                                                                                                           |                     |
| There are currently no legacy QID mappings associated with this CVE.      |         |                                                                                                                           |                     |