



CVE-2021-31188

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2021-31188 |
| State | PUBLIC |
| Assigner | secure@microsoft.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2021-05-11 19:15:00 UTC |
| Updated | 2023-08-02 00:15:00 UTC |
| Description | Windows Graphics Component Elevation of Privilege Vulnerability |

Risk And Classification

Problem Types: CWE-416

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 | 1803 | All | All | All |
| Operating System | Microsoft | Windows 10 | 1809 | 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 | 20h2 | All | All | All |
| Operating System | Microsoft | Windows 7 | - | sp1 | 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 | 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 2016 | 1909 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 2004 | All | All | All |

| | | | | | | |
|------------------|-----------|---------------------|------|-----|-----|-----|
| Operating System | Microsoft | Windows Server 2016 | 20h2 | All | All | All |
| Operating System | Microsoft | Windows Server 2019 | - | All | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|---|---------------------|
| Security Update Guide - Microsoft Security Response Center | N/A | portal.msrc.microsoft.com | |
| ZDI-21-577 Zero Day Initiative | MISC | www.zerodayinitiative.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[91762](#) Microsoft Windows Security Update for May 2021

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