# CVE Detail – CVE-2020-1054

An elevation of privilege vulnerability exists in Windows when the Windows kernel-mode driver fails to properly handle objects in memory, aka 'Win32k Elevation of Privilege Vulnerability'. This CVE ID is unique from CVE-2020-1143.

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.98917

## CVSS Scoring

CVSS v3.1 Score: 7.8

Severity: HIGH

## CISA KEV

KEV is present

## Mapped CWE(s)

* CWE-787: Out-of-bounds Write

## Affected Products

* cpe:2.3:o:microsoft:windows\_10\_1507:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_10\_1507:-:\*:\*:\*:\*:\*:x86:\*
* cpe:2.3:o:microsoft:windows\_10\_1607:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_10\_1607:-:\*:\*:\*:\*:\*:x86:\*
* cpe:2.3:o:microsoft:windows\_10\_1709:-:\*:\*:\*:\*:\*:arm64:\*
* cpe:2.3:o:microsoft:windows\_10\_1709:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_10\_1709:-:\*:\*:\*:\*:\*:x86:\*
* cpe:2.3:o:microsoft:windows\_10\_1803:-:\*:\*:\*:\*:\*:arm64:\*
* cpe:2.3:o:microsoft:windows\_10\_1803:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_10\_1803:-:\*:\*:\*:\*:\*:x86:\*
* cpe:2.3:o:microsoft:windows\_10\_1809:-:\*:\*:\*:\*:\*:arm64:\*
* cpe:2.3:o:microsoft:windows\_10\_1809:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_10\_1809:-:\*:\*:\*:\*:\*:x86:\*
* cpe:2.3:o:microsoft:windows\_10\_1903:-:\*:\*:\*:\*:\*:arm64:\*
* cpe:2.3:o:microsoft:windows\_10\_1903:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_10\_1903:-:\*:\*:\*:\*:\*:x86:\*
* cpe:2.3:o:microsoft:windows\_10\_1909:-:\*:\*:\*:\*:\*:arm64:\*
* cpe:2.3:o:microsoft:windows\_10\_1909:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_10\_1909:-:\*:\*:\*:\*:\*:x86:\*
* cpe:2.3:o:microsoft:windows\_7:-:sp1:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:microsoft:windows\_8.1:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:microsoft:windows\_rt\_8.1:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:microsoft:windows\_server\_1803:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_server\_1903:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_server\_1909:-:\*:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_server\_2008:-:sp2:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:microsoft:windows\_server\_2008:r2:sp1:\*:\*:\*:\*:itanium:\*
* cpe:2.3:o:microsoft:windows\_server\_2008:r2:sp1:\*:\*:\*:\*:x64:\*
* cpe:2.3:o:microsoft:windows\_server\_2012:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:microsoft:windows\_server\_2012:r2:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:microsoft:windows\_server\_2016:-:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:microsoft:windows\_server\_2019:-:\*:\*:\*:\*:\*:\*:\*