



# CVE-2017-8577

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

## Summary

|                        |                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-8577                                                                                                   |
| <b>State</b>           | PUBLIC                                                                                                          |
| <b>Assigner</b>        | secure@microsoft.com                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                    |
| <b>Published</b>       | 2017-07-11 21:29:00 UTC                                                                                         |
| <b>Updated</b>         | 2019-10-03 00:03:00 UTC                                                                                         |
| <b>Description</b>     | Win32k in Microsoft Windows Server 2008 SP2 and R2 SP1, Windows 7 SP1, Windows 8.1, Windows Server 2012 Gold ar |

## Risk And Classification

### Problem Types: CWE-281

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor    | Product             | Version | Update | Edition | Language |
|------------------|-----------|---------------------|---------|--------|---------|----------|
| Operating System | Microsoft | Windows 10          | 1511    | All    | All     | All      |
| Operating System | Microsoft | Windows 10          | 1607    | All    | All     | All      |
| Operating System | Microsoft | Windows 10          | 1703    | All    | All     | All      |
| Operating System | Microsoft | Windows 10          | 1511    | All    | All     | All      |
| Operating System | Microsoft | Windows 10          | 1607    | All    | All     | All      |
| Operating System | Microsoft | Windows 10          | 1703    | All    | All     | All      |
| Operating System | Microsoft | Windows 10          | -       | All    | All     | All      |
| Operating System | Microsoft | Windows 10          | -       | All    | All     | All      |
| Operating System | Microsoft | Windows 7           | All     | sp1    | All     | All      |
| Operating System | Microsoft | Windows 7           | All     | sp1    | All     | All      |
| Operating System | Microsoft | Windows 8.1         | All     | All    | All     | All      |
| Operating System | Microsoft | Windows 8.1         | All     | All    | All     | All      |
| Operating System | Microsoft | Windows Rt 8.1      | All     | All    | All     | All      |
| Operating System | Microsoft | Windows Rt 8.1      | All     | All    | All     | All      |
| Operating System | Microsoft | Windows Server 2008 | All     | sp2    | All     | All      |
| Operating System | Microsoft | Windows Server 2008 | r2      | sp1    | All     | All      |
| Operating System | Microsoft | Windows Server 2008 | All     | sp2    | All     | All      |

|                  |                           |                                     |     |     |     |     |
|------------------|---------------------------|-------------------------------------|-----|-----|-----|-----|
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | r2  | sp1 | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2012</a> | -   | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2012</a> | r2  | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2012</a> | -   | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2012</a> | r2  | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | All | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | All | All | All | All |

References

|                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference                                                                                                                                                               |
| <a href="https://portal.msrc.microsoft.com/en-us/security-guidance/advisory/CVE-2017-8577">portal.msrc.microsoft.com/en-us/security-guidance/advisory/CVE-2017-8577</a> |
| Microsoft Windows Kernel 'Win32k.sys' CVE-2017-8577 Local Privilege Escalation Vulnerability                                                                            |
| Windows Kernel Component Object Memory Handling and Memory Address Handling Errors Let Local Users Obtain Potentially Sensitive Info                                    |
| CVE Program record                                                                                                                                                      |
| NVD vulnerability detail                                                                                                                                                |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.