



# CVE-2017-0077

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

## Summary

|                        |                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-0077                                                                                                  |
| <b>State</b>           | PUBLIC                                                                                                         |
| <b>Assigner</b>        | secure@microsoft.com                                                                                           |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                   |
| <b>Published</b>       | 2017-05-12 14:29:00 UTC                                                                                        |
| <b>Updated</b>         | 2019-10-03 00:03:00 UTC                                                                                        |
| <b>Description</b>     | The kernel-mode drivers in Windows Server 2008 SP2 and R2 SP1, Windows 7 SP1, Windows 8.1, Windows Server 2012 |

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

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

| References                                                                                 |          |                                                                          |       |  |
|--------------------------------------------------------------------------------------------|----------|--------------------------------------------------------------------------|-------|--|
| Reference                                                                                  | Source   | Link                                                                     | Tags  |  |
| Microsoft DirectX Graphics Kernel CVE-2017-0077 Local Privilege Escalation Vulnerability   | BID      | <a href="http://www.securityfocus.com">www.securityfocus.com</a>         | Third |  |
| Microsoft DirectX 'Dxgkrnl.sys Lets Local Users Gain Elevated Privileges - SecurityTracker | SECTrack | <a href="http://www.securitytracker.com">www.securitytracker.com</a>     |       |  |
| {{windowTitle}}                                                                            | CONFIRM  | <a href="http://portal.msrc.microsoft.com">portal.msrc.microsoft.com</a> | Patch |  |
| CVE Program record                                                                         | CVE.ORG  | <a href="http://www.cve.org">www.cve.org</a>                             | cano  |  |
| NVD vulnerability detail                                                                   | NVD      | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                           | cano  |  |

No vendor comments have been submitted for this CVE.

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