



# CVE-2019-0715

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

## Summary

|                        |                                                                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-0715                                                                                                                                |
| <b>State</b>           | PUBLIC                                                                                                                                       |
| <b>Assigner</b>        | secure@microsoft.com                                                                                                                         |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                                 |
| <b>Published</b>       | 2019-08-14 21:15:00 UTC                                                                                                                      |
| <b>Updated</b>         | 2019-08-20 15:00:00 UTC                                                                                                                      |
| <b>Description</b>     | A denial of service vulnerability exists when Microsoft Hyper-V Network Switch on a host server fails to properly validate incoming packets. |

## Risk And Classification

### Problem Types: CWE-20

## 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  | 1703    | 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  | -       | 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  | 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 7   | -       | sp1    | All     | All      |
| Operating System | Microsoft | Windows 7   | -       | sp1    | All     | All      |
| Operating System | Microsoft | Windows 8.1 | -       | All    | All     | All      |

|                  |                           |                                     |      |     |     |     |
|------------------|---------------------------|-------------------------------------|------|-----|-----|-----|
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 8.1</a>         | -    | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2008</a> | -    | 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 2008</a> | -    | 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> | 1803 | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | 1903 | 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> | 1803 | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | 1903 | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2019</a> | -    | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2019</a> | -    | All | All | All |

## References

| Reference                                                  | Source  | Link                                                                      | Tags                   |
|------------------------------------------------------------|---------|---------------------------------------------------------------------------|------------------------|
| Security Update Guide - Microsoft Security Response Center | MISC    | <a href="https://portal.msrc.microsoft.com">portal.msrc.microsoft.com</a> | Patch, Vendor Advisory |
| CVE Program record                                         | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                             | canonical              |
| NVD vulnerability detail                                   | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                           | canonical, analysis    |

No vendor comments have been submitted for this CVE.

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

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