



# CVE-2018-0886

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

## Summary

|                        |                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2018-0886                                                                                                       |
| <b>State</b>           | PUBLIC                                                                                                              |
| <b>Assigner</b>        | secure@microsoft.com                                                                                                |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                        |
| <b>Published</b>       | 2018-03-14 17:29:00 UTC                                                                                             |
| <b>Updated</b>         | 2019-03-13 13:45:00 UTC                                                                                             |
| <b>Description</b>     | The Credential Security Support Provider protocol (CredSSP) in Microsoft Windows Server 2008 SP2 and R2 SP1, Window |

## Risk And Classification

### Problem Types: CWE-287

## 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     | 1709    | All    | All     | All      |
| Operating System | Microsoft | Windows 10     | 1803    | 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 10     | 1709    | All    | All     | All      |
| Operating System | Microsoft | Windows 10     | 1803    | 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 | Microsoft | Windows 8.1    | -       | All    | All     | All      |
| Operating System | Microsoft | Windows Rt 8.1 | -       | All    | All     | All      |

|                  |                           |                                     |      |     |     |     |
|------------------|---------------------------|-------------------------------------|------|-----|-----|-----|
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Rt 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> | 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 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> | 1709 | 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> | -    | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | 1709 | All | All | All |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows Server 2016</a> | 1803 | All | All | All |

References

|                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|
| Reference                                                                                                                               |
| Microsoft Credential Security Support Provider - Remote Code Execution - Windows remote Exploit                                         |
| GitHub - preempt/credssp: A code demonstrating CVE-2018-0886                                                                            |
| Microsoft Credential Security Support Provider Protocol Request Validation Bug Lets Remote Users Execute Code on the Target System - Se |
| Microsoft Windows CVE-2018-0886 Remote Code Execution Vulnerability                                                                     |
| PEPPERL+FUCHS VisuNet RM, VisuNet PC, and Box Thin Client   ICS-CERT                                                                    |
| portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-0886                                                                |
| Security Advisory: Critical Vulnerability in CredSSP Allows Remote Code Execution on Servers Through MS-RDP (Video)                     |
| 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.

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