

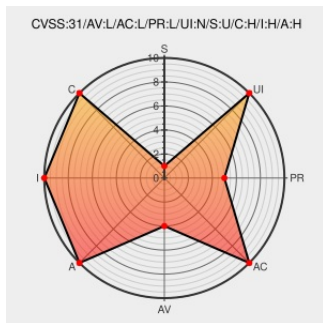


# CVE-2019-1392

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## CVE-2019-1392

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Windows 10](#) from [Microsoft](#) contain the following vulnerability:

An elevation of privilege vulnerability exists when the Windows kernel fails to properly handle objects in memory, aka 'Windows Kernel Elevation of Privilege Vulnerability'.

CVE-2019-1392 has been assigned by [secure@microsoft.com](mailto:secure@microsoft.com) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.2 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description                                                | Tags                                                                                                                               | Link                                                                                          |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Security Update Guide - Microsoft Security Response Center | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">portal.msrc.microsoft.com</a><br><a href="#">text/html</a> | <a href="#">MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1392</a> |

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There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type                                                  | Vendor    | Product             | Version | Update | Edition | Language |
|-------------------------------------------------------|-----------|---------------------|---------|--------|---------|----------|
| Operating System                                      | Microsoft | Windows 10          | -       | All    | All     | All      |
| Operating System                                      | Microsoft | Windows 10          | -       | All    | 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                                      | Microsoft | Windows Rt 8.1      | -       | All    | All     | All      |
| Operating System                                      | Microsoft | Windows Server 2012 | -       | All    | All     | All      |
| Operating System                                      | Microsoft | Windows Server 2012 | r2      | All    | All     | All      |
| Operating System                                      | Microsoft | Windows Server 2012 | -       | All    | All     | All      |
| Operating System                                      | Microsoft | Windows Server 2012 | r2      | All    | All     | All      |
| cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:           |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:           |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:          |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:          |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_rt_8.1:-:*:*:*:*:*:       |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_rt_8.1:-:*:*:*:*:*:       |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:  |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2012:r2:*:*:*:*:*: |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:  |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2012:r2:*:*:*:*:*: |           |                     |         |        |         |          |

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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