



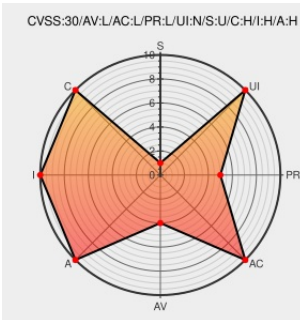
Last Modified on: 03/23/2021 11:27:48 PM UTC

# CVE-2019-1190

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 in the way that the Windows kernel image handles objects in memory. An attacker who successfully exploited the vulnerability could execute code with elevated permissions. To exploit the vulnerability, a locally authenticated attacker could run a specially crafted application. The CVE fixes the vulnerability by ensuring the Windows kernel image properly handles objects in memory., aka 'Windows Image Elevation of Privilege Vulnerability'.

CVE-2019-1190 has been assigned by  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    |
|---------------|------------------------|---------------------|---------------------|
| LOCAL         | LOW                    | LOW                 | NONE                |
| Scope         | Confidentiality Impact | Integrity Impact    | Availability Impact |
| UNCHANGED     | HIGH                   | HIGH                | HIGH                |

CVSS2 Score: 7.2 - HIGH

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| LOCAL                  | LOW               | NONE                |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| COMPLETE               | COMPLETE          | COMPLETE            |

## CVE References

| Description                                | Tags                                                                                | Link                                                                                                                                                                                       |
|--------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Security Update Guide - Microsoft Security |  |  <a href="https://msrc.microsoft.com/en-US/security">MSRC portal: msrc.microsoft.com/en-US/security</a> |

By selecting these links, you may be leaving CVEreport webpace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](mailto:comment@cve.report).

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          | 1809    | All    | All     | All      |
| Operating System                                    | Microsoft | Windows 10          | 1903    | 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 Server 2016 | 1903    | All    | All     | All      |
| Operating System                                    | Microsoft | Windows Server 2016 | 1903    | All    | All     | All      |
| Operating System                                    | Microsoft | Windows Server 2019 | -       | All    | All     | All      |
| Operating System                                    | Microsoft | Windows Server 2019 | -       | All    | All     | All      |
| cpe:2.3:o:microsoft:windows_10:1809:*****:          |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_10:1903:*****:          |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_10:1809:*****:          |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_10:1903:*****:          |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2016:1903:*****: |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2016:1903:*****: |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2019:-:*****:    |           |                     |         |        |         |          |
| cpe:2.3:o:microsoft:windows_server_2019:-:*****:    |           |                     |         |        |         |          |

No vendor comments have been submitted for this CVE

© CVE.report 2023   |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)