

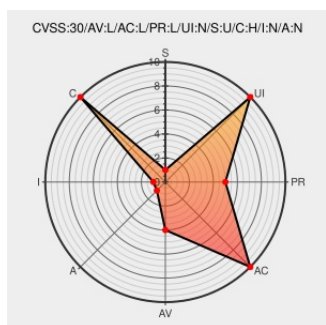


# CVE-2019-1227

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## CVE-2019-1227

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

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

An information disclosure vulnerability exists when the Windows kernel improperly handles objects in memory, aka 'Windows Kernel Information Disclosure Vulnerability'. This CVE ID is unique from CVE-2019-1228.

CVE-2019-1227 has been assigned by [secure@microsoft.com](mailto:secure@microsoft.com) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

| 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>NONE</b>         | <b>NONE</b>         |

CVSS2 Score: **2.1 - LOW**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>NONE</b>       | <b>NONE</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="https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1227">portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1227</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          | 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          | 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 Server 2016 | 1803    | All    | All     | All      |
| Operating System | Microsoft | Windows Server 2016 | 1903    | All    | All     | All      |
| Operating System | Microsoft | Windows Server 2016 | 1803    | 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_10:1803:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_10:1809:*:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_10:1903:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows_10:1803:*:*:*:*:*:
```

```
cpe:2.3:o:microsoft:windows 10:1809:~::~::~::
```

```
cpe:2.3:o:microsoft:windows_10:1903:::*:*:*.*.*
```

```
cpe:2.3:o:microsoft:windows_server_2016:1803:::*:*:*:*.*
```

```

msc:0 0:smicrosoft\windows - server 0010:1000:*.**.*.*.*.*

```

|                                                     |
|-----------------------------------------------------|
| cpe:2.3:o:microsoft:windows_server_2016:1903:*****: |
| cpe:2.3:o:microsoft:windows_server_2016:1803:*****: |
| 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

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