

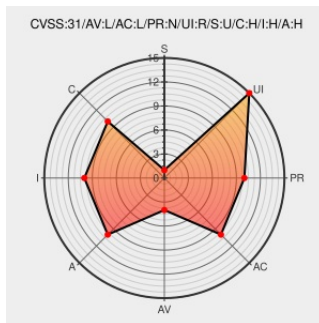


# CVE-2020-1531

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## CVE-2020-1531

[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 Accounts Control improperly handles memory. To exploit this vulnerability, an attacker would first have to gain execution on the victim system, aka 'Windows Accounts Control Elevation of Privilege Vulnerability'.

CVE-2020-1531 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                    | Tags                                                                                                  | Link                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No Description Provided</b> | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">portal.msrc.microsoft.com</a> | <a href="https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1531">MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1531</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 | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1607    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1607    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1709    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1803    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1809    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1903    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1909    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 2004    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1607    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1607    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1709    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1803    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1809    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a> | 1903    | All    | All     | All      |

|                  |           |                     |      |     |     |     |
|------------------|-----------|---------------------|------|-----|-----|-----|
| System           |           |                     |      |     |     |     |
| Operating System | Microsoft | Windows 10          | 1909 | All | All | All |
| Operating System | Microsoft | Windows 10          | 2004 | 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 | Microsoft | Windows Rt 8.1      | -    | All | All | All |
| Operating System | Microsoft | Windows Server 2008 | -    | sp2 | All | All |
| Operating System | Microsoft | Windows Server 2008 | -    | sp2 | 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 |
| Operating System | Microsoft | Windows Server 2016 | -    | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1903 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1909 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 2004 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | -    | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1903 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 1909 | All | All | All |
| Operating System | Microsoft | Windows Server 2016 | 2004 | All | All | All |
| Operating        | Microsoft | Windows Server 2019 | -    | All | All | All |



|                                                     |
|-----------------------------------------------------|
| cpe:2.3:0:microsoft:windows_server_2008:-:sp2:~::~: |
| cpe:2.3:0:microsoft:windows_server_2008:-:sp2:~::~: |
| cpe:2.3:0:microsoft:windows_server_2012:-:~::~:     |
| cpe:2.3:0:microsoft:windows_server_2012:r2:~::~:    |
| cpe:2.3:0:microsoft:windows_server_2012:-:~::~:     |
| cpe:2.3:0:microsoft:windows_server_2012:r2:~::~:    |
| cpe:2.3:0:microsoft:windows_server_2016:-:~::~:     |
| cpe:2.3:0:microsoft:windows_server_2016:1903:~::~:  |
| cpe:2.3:0:microsoft:windows_server_2016:1909:~::~:  |
| cpe:2.3:0:microsoft:windows_server_2016:2004:~::~:  |
| cpe:2.3:0:microsoft:windows_server_2016:-:~::~:     |
| cpe:2.3:0:microsoft:windows_server_2016:1903:~::~:  |
| cpe:2.3:0:microsoft:windows_server_2016:1909:~::~:  |
| cpe:2.3:0:microsoft:windows_server_2016:2004:~::~:  |
| cpe:2.3:0:microsoft:windows_server_2019:-:~::~:     |
| cpe:2.3:0:microsoft:windows_server_2019:-:~::~:     |

No vendor comments have been submitted for this CVE

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