



# CVE-2020-1475

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## CVE-2020-1475

[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 srmsvc.dll handles objects in memory, aka 'Windows Server Resource Management Service Elevation of Privilege Vulnerability'.

CVE-2020-1475 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>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: **4.6 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>LOW</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><br><a href="#">text/html</a> | <a href="#">portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1475</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>          | 1607    | 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>          | 1607    | 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 7</a>           | -       | sp1    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 7</a>           | -       | sp1    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 8.1</a>         | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 8.1</a>         | -       | 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 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                           | Microsoft | Windows Server 2008 | -    | sp2 | All | All |
| Operating System                           | Microsoft | Windows Server 2008 | r2   | sp1 | 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 System                           | Microsoft | Windows Server 2019 | -    | All | All | All |
| Operating System                           | Microsoft | Windows Server 2019 | -    | All | All | All |
| cpe:2.3:o:microsoft:windows_10:1607:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1809:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1903:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1909:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:2004:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1607:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1809:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1903:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1909:*****: |           |                     |      |     |     |     |

cpe:2.3:o:microsoft:windows\_10:2004:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_7:-:sp1:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_7:-:sp1:~::~~::~~::~~::~~::~~::~~:::

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\_2008:-:sp2:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2008:r2:sp1:~::~~::~~::~~::~~::~~::~~:::x64:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2008:-:sp2:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2008:r2:sp1:~::~~::~~::~~::~~::~~::~~:::x64:~::~~::~~::~~::~~::~~::~~:::

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:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:-:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:1903:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:1909:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:2004:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:-:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:1903:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:1909:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:microsoft:windows\_server\_2016:2004:~::~~::~~::~~::~~::~~::~~:::

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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