



# CVE-2020-1249

Published on: 07/14/2020 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

## CVE-2020-1249

[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 Runtime improperly handles objects in memory, aka 'Windows Runtime Elevation of Privilege Vulnerability'. This CVE ID is unique from CVE-2020-1353, CVE-2020-1370, CVE-2020-1399, CVE-2020-1404, CVE-2020-1413, CVE-2020-1414, CVE-2020-1415, CVE-2020-1422.

CVE-2020-1249 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: **4.6 - MEDIUM**

Access  
Vector

Access  
Complexity

Authentication

LOCAL

LOW

NONE

Confidentiality  
Impact

Integrity  
Impact

Availability  
Impact

PARTIAL

PARTIAL

PARTIAL

## CVE References

Description

Tags

Link

No Description Provided

Patch

Vendor Advisory

[portal.msrc.microsoft.com](https://portal.msrc.microsoft.com)

[MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1249](https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1249)

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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>  | 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>  | 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 8.1</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 8.1</a> | -       | All    | All     | All      |

|                                            |           |                     |      |     |     |     |
|--------------------------------------------|-----------|---------------------|------|-----|-----|-----|
| System                                     |           |                     |      |     |     |     |
| 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 |
| 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:-:*****:    |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1607:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:1709:*****: |           |                     |      |     |     |     |
| 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_10:1909:*****: |           |                     |      |     |     |     |
| cpe:2.3:o:microsoft:windows_10:2004:*****: |           |                     |      |     |     |     |

cpe:2.3:o:microsoft:windows\_10:-:\*:\*:\*:\*:\*:

cpe:2.3:o:microsoft:windows\_10:1607:\*:\*:\*:\*:\*:

cpe:2.3:o:microsoft:windows\_10:1709:\*:\*:\*:\*:\*:

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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\_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:\*:\*:\*:\*:\*:

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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