

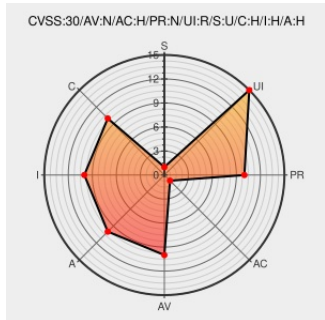


# CVE-2019-0784

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## CVE-2019-0784

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

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

A remote code execution vulnerability exists in the way that the ActiveX Data objects (ADO) handles objects in memory, aka 'Windows ActiveX Remote Code Execution Vulnerability'.

CVE-2019-0784 has been assigned by [secure@microsoft.com](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>HIGH</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: **7.6 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>HIGH</b>       | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</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="#">CONFIRM portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-0784</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>     | 1607    | All    | All     | All      |
| Operating System | <a href="#">Microsoft</a> | <a href="#">Windows 10</a>     | 1703    | 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>     | -       | 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>     | 1703    | 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 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                               | Microsoft | Windows Server 2008 | -    | sp2 | All | All |
| Operating System                               | Microsoft | Windows Server 2008 | r2   | sp1 | All | All |
| Operating System                               | Microsoft | Windows Server 2008 | 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 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 | 1709 | All | All | All |
| Operating System                               | Microsoft | Windows Server 2016 | 1803 | All | All | All |
| Operating System                               | Microsoft | Windows Server 2016 | -    | All | All | All |
| Operating System                               | Microsoft | Windows Server 2016 | 1709 | All | All | All |
| Operating System                               | Microsoft | Windows Server 2016 | 1803 | 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_10:1703:*:*:*:*:*: |           |                     |      |     |     |     |
| 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:-:*:*:*:*:*:                       |
| cpe:2.3:o:microsoft:windows_10:1607:*:*:*:*:*:                    |
| cpe:2.3:o:microsoft:windows_10:1703:*:*:*:*:*:                    |
| 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_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:*:*:*:*:itanium:*: |
| 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:*:*:*:*:itanium:*: |
| 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_2016:1709:*:*:*:*:*:           |
| cpe:2.3:o:microsoft:windows_server_2016:1803:*:*:*:*:*:           |
| cpe:2.3:o:microsoft:windows_server_2016:-:*:*:*:*:*:              |
| cpe:2.3:o:microsoft:windows_server_2016:1709:*:*:*:*:*:           |
| cpe:2.3:o:microsoft:windows_server_2016:1803:*:*:*:*:*:           |
| cpe:2.3:o:microsoft:windows_server_2019:-:*:*:*:*:*:              |

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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