



# CVE-2019-1221

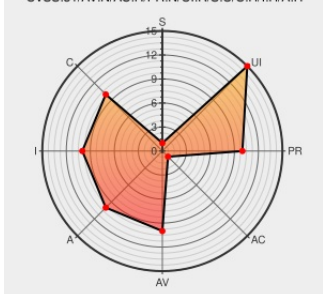
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## CVE-2019-1221

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

CVSS:31/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H



Certain versions of [Internet Explorer](#) from [Microsoft](#) contain the following vulnerability:

A remote code execution vulnerability exists in the way that the scripting engine handles objects in memory in Internet Explorer, aka 'Scripting Engine Memory Corruption Vulnerability'.

CVE-2019-1221 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="#">portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1221</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 |
|------------------|---------------------------|-----------------------------------|---------|--------|---------|----------|
| Application      | <a href="#">Microsoft</a> | <a href="#">Internet Explorer</a> | 11      | -      | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">Internet Explorer</a> | 11      | -      | 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 10</a>        | 1903    | 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 10</a>        | 1903    | 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                                      | 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 | 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 | -  | All | All | All |
| Operating System                                      | Microsoft | Windows Server 2019 | -  | All | All | All |
| Operating System                                      | Microsoft | Windows Server 2019 | -  | All | All | All |
| cpe:2.3:a:microsoft:internet_explorer:11:-:*:*:*:*:*: |           |                     |    |     |     |     |
| cpe:2.3:a:microsoft:internet_explorer:11:-:*:*:*:*:*: |           |                     |    |     |     |     |
| 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_10:1903:*:*:*:*:*:        |           |                     |    |     |     |     |
| 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_10:1903:~::~~::~~::~~::~~::~~:::                    |
| 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:r2:sp1:~::~~::~~::~~::~~::~~:::x64:~::: |
| 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:-:~::~~::~~::~~::~~::~~:::              |
| 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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