



# CVE-2019-1055

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## CVE-2019-1055

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

CVSS:30/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 the scripting engine handles objects in memory in Microsoft browsers, aka 'Scripting Engine Memory Corruption Vulnerability'. This CVE ID is unique from CVE-2019-0920, CVE-2019-0988, CVE-2019-1005, CVE-2019-1080.

CVE-2019-1055 has been assigned by [secure@microsoft.com](mailto: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="https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1055">portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1055</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> | 10      | All    | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">Internet Explorer</a> | 11      | -      | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">Internet Explorer</a> | 9       | All    | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">Internet Explorer</a> | 10      | All    | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">Internet Explorer</a> | 11      | -      | All     | All      |
| Application      | <a href="#">Microsoft</a> | <a href="#">Internet Explorer</a> | 9       | 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 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                                  | 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 | 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 | -  | 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:10:*****:   |           |                     |    |     |     |     |
| cpe:2.3:a:microsoft:internet_explorer:11::-*****: |           |                     |    |     |     |     |
| cpe:2.3:a:microsoft:internet_explorer:9:*****:    |           |                     |    |     |     |     |
| cpe:2.3:a:microsoft:internet_explorer:10:*****:   |           |                     |    |     |     |     |
| cpe:2.3:a:microsoft:internet_explorer:11::-*****: |           |                     |    |     |     |     |
| cpe:2.3:a:microsoft:internet_explorer:9:*****:    |           |                     |    |     |     |     |
|                                                   |           |                     |    |     |     |     |

|                                                             |
|-------------------------------------------------------------|
| 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:-: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:-:\*:\*:\*:\*:\*:

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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