



# CVE-2020-0674

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#) 

## Summary

<b>CVE</b>	CVE-2020-0674
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@microsoft.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-02-11 22:15:00 UTC
<b>Updated</b>	2022-01-01 19:51:00 UTC
<b>Description</b>	A remote code execution vulnerability exists in the way that the scripting engine handles objects in memory in Internet Explorer.

## Risk And Classification

**EPSS:** 0.936380000 probability, percentile 0.998390000 (date 2026-04-01)

**CISA KEV:** Listed on 2021-11-03; due 2022-05-03; ransomware use Unknown

**Problem Types:** CWE-416

## CISA Known Exploited Vulnerability

<b>Vendor</b>	Microsoft
<b>Product</b>	Internet Explorer
<b>Name</b>	Microsoft Internet Explorer Scripting Engine Memory Corruption Vulnerability
<b>Required Action</b>	Apply updates per vendor instructions.
<b>Notes</b>	<a href="https://nvd.nist.gov/vuln/detail/CVE-2020-0674">https://nvd.nist.gov/vuln/detail/CVE-2020-0674</a>

## NVD Known Affected Configurations (CPE 2.3)

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	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1903	All	All	All
Operating System	Microsoft	Windows 10	1909	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1903	All	All	All
Operating System	Microsoft	Windows 10	1909	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 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All

## References

### Reference

[portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0674](https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0674)

GitHub - maxpl0it/CVE-2020-0674-Exploit: This is an exploit for CVE-2020-0674 that runs on the x64 version of IE 8, 9, 10, and 11 on Window

Microsoft Internet Explorer 11 Use-After-Free ≈ Packet Storm

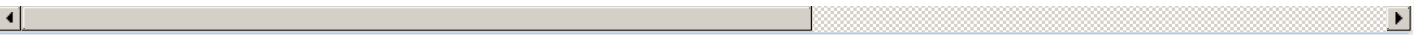
Microsoft Internet Explorer 11 Use-After-Free ≈ Packet Storm

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[CVE Program record](#)

[NVD vulnerability detail](#)

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No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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