



CVE-2022-21843

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CVE-2022-21843

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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S:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H/E:U/RL:O/F



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

Windows IKE Extension Denial of Service Vulnerability. This CVE ID is unique from CVE-2022-21848, CVE-2022-21883, CVE-2022-21889, CVE-2022-21890.

CVE-2022-21843 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
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Security Update Guide - Microsoft Security Response Center	portal.msrc.microsoft.com text/html	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2022-21843

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Related QID Numbers

[376232](#) Microsoft Windows Internet Key Exchange (IKE) Extension Multiple Vulnerabilities for January 2022

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1909	All	All	All
Operating System	Microsoft	Windows 10	1909	All	All	All
Operating System	Microsoft	Windows 10	1909	All	All	All
Operating System	Microsoft	Windows 10	20h2	All	All	All
Operating System	Microsoft	Windows 10	20h2	All	All	All
Operating System	Microsoft	Windows 10	20h2	All	All	All
Operating System	Microsoft	Windows 10	21h1	All	All	All
Operating System	Microsoft	Windows 10	21h1	All	All	All
Operating System	Microsoft	Windows 10	21h1	All	All	All
Operating System	Microsoft	Windows 10	21h2	All	All	All
Operating System	Microsoft	Windows 10	21h2	All	All	All
Operating System	Microsoft	Windows 10	21h2	All	All	All
Operating System	Microsoft	Windows 11	-	All	All	All

Operating System	Microsoft	Windows 11	-	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 8.1	-	All	All	All
Operating System	Microsoft	Windows Server	2022	All	All	All
Operating System	Microsoft	Windows Server	20h2	All	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 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
cpe:2.3:o:microsoft:windows_10:1607:*:*:*:*:x64:*:						
cpe:2.3:o:microsoft:windows_10:1607:*:*:*:*:x86:*:						
cpe:2.3:o:microsoft:windows_10:1809:*:*:*:*:arm64:*:						
cpe:2.3:o:microsoft:windows_10:1809:*:*:*:*:x64:*:						
cpe:2.3:o:microsoft:windows_10:1809:*:*:*:*:x86:*:						
cpe:2.3:o:microsoft:windows_10:1909:*:*:*:*:arm64:*:						
cpe:2.3:o:microsoft:windows_10:1909:*:*:*:*:x64:*:						
cpe:2.3:o:microsoft:windows_10:1909:*:*:*:*:x86:*:						
cpe:2.3:o:microsoft:windows_10:20h2:*:*:*:*:arm64:*:						
cpe:2.3:o:microsoft:windows_10:20h2:*:*:*:*:x64:*:						
cpe:2.3:o:microsoft:windows_10:20h2:*:*:*:*:x86:*:						
cpe:2.3:o:microsoft:windows_10:21h1:*:*:*:*:arm64:*:						
cpe:2.3:o:microsoft:windows_10:21h1:*:*:*:*:x64:*:						

cpe:2.3:o:microsoft:windows_10:21h1:*:*:*:*:*:x86:*

cpe:2.3:o:microsoft:windows_10:21h1:*:*:*:*:*:x86:*

cpe:2.3:o:microsoft:windows_10:21h2:*:*:*:*:*:arm64:*

cpe:2.3:o:microsoft:windows_10:21h2:*:*:*:*:*:x64:*

cpe:2.3:o:microsoft:windows_10:21h2:*:*:*:*:*:x86:*

cpe:2.3:o:microsoft:windows_11:*:*:*:*:*:arm64:*

cpe:2.3:o:microsoft:windows_11:*:*:*:*:*:x64:*

cpe:2.3:o:microsoft:windows_7:-:sp1:*:*:*:*:*:x64:*

cpe:2.3:o:microsoft:windows_7:-:sp1:*:*:*:*:*:x86:*

cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:x64:*

cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:x86:*

cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:rt:*:*:

cpe:2.3:o:microsoft:windows_server:2022:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server:20h2:*:*:*:*:*:

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_2016:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2019:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@prophaze	Microsoft Windows IKE Extension denial of service [CVE-2022-21843] prophaze.com/cve/microsoft-... #Exploit:No #Local:No... twitter.com/i/web/status/1...	2022-01-11 22:11:06

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