



# CVE-2022-22031

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

## Summary

<b>CVE</b>	CVE-2022-22031
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@microsoft.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-07-12 23:15:00 UTC
<b>Updated</b>	2023-08-08 14:21:00 UTC
<b>Description</b>	Windows Credential Guard Domain-joined Public Key Elevation of Privilege Vulnerability

## Risk And Classification

**Problem Types:** CWE-312

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	-	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	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	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 Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2016	20h2	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2022	-	All	All	All

## References

Reference	Source	Link
Security Update Guide - Microsoft Security Response Center	MISC	<a href="https://portal.msrc.microsoft.com">portal.msrc.microsoft.com</a>
Security Update Guide - Microsoft Security Response Center	MISC	<a href="https://msrc.microsoft.com">msrc.microsoft.com</a>
Windows Credential Guard Domain-Joined Device Public Key Privilege Escalation ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[91922](#) Microsoft Windows Security Update for July 2022

[91927](#) Microsoft Azure Stack Hub Security Updates for July 2022

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