



CVE-2018-8410

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

Summary

CVE	CVE-2018-8410
State	PUBLIC
Assigner	secure@microsoft.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-09-13 00:29:00 UTC
Updated	2019-10-03 00:03:00 UTC
Description	An elevation of privilege vulnerability exists when the Windows Kernel API improperly handles registry objects in memory, a

Risk And Classification

Problem Types: CWE-404

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	1607	All	All	All
Operating System	Microsoft	Windows 10	1703	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	-	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1703	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 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	r2	sp1	All

Operating System	Microsoft	Windows Server	2008	sp2	All	All
Operating System	Microsoft	Windows Server	2012	All	All	All
Operating System	Microsoft	Windows Server	2012	r2	All	All
Operating System	Microsoft	Windows Server	2016	All	All	All
Operating System	Microsoft	Windows Server	2016	1709	All	All
Operating System	Microsoft	Windows Server	2016	1803	All	All
Operating System	Microsoft	Windows Server	2008	r2	sp1	All
Operating System	Microsoft	Windows Server	2008	sp2	All	All
Operating System	Microsoft	Windows Server	2012	All	All	All
Operating System	Microsoft	Windows Server	2012	r2	All	All
Operating System	Microsoft	Windows Server	2016	All	All	All
Operating System	Microsoft	Windows Server	2016	1709	All	All
Operating System	Microsoft	Windows Server	2016	1803	All	All

References

Reference

Microsoft Windows - Double Dereference in NtEnumerateKey Elevation of Privilege - Windows dos Exploit

Windows Kernel Multiple Flaws Let Local Users Deny Service, Obtain Potentially Sensitive Information, and Gain Elevated Privileges - Security

portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2018-8410

Microsoft Windows Registry CVE-2018-8410 Local Privilege Escalation Vulnerability

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free **CVE JSON API** [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)