



CVE-2020-1431

Published on: 07/14/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:46 PM UTC

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

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

An elevation of privilege vulnerability exists when the Windows AppX Deployment Extensions improperly performs privilege management, resulting in access to system files. To exploit this vulnerability, an authenticated attacker would need to run a specially crafted application to elevate privileges. The security update addresses the vulnerability by correcting how AppX Deployment Extensions manages privileges., aka 'Windows AppX Deployment Extensions Elevation of Privilege Vulnerability'.

CVE-2020-1431 has been assigned by [secure@microsoft.com](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
No Description Provided	CVE	MSRC portal: more microsoft.com/en-US/security/advisories/CVE-2020-1431

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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
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	2004	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	2004	All	All	All
Operating System	Microsoft	Windows Server 2016	1903	All	All	All
Operating System	Microsoft	Windows Server 2016	1909	All	All	All
Operating System	Microsoft	Windows Server 2016	2004	All	All	All
Operating System	Microsoft	Windows Server 2016	1903	All	All	All
Operating System	Microsoft	Windows Server 2016	1909	All	All	All
Operating System	Microsoft	Windows Server 2016	2004	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All

System						
Operating System	Microsoft	Windows Server 2019	-	All	All	All
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_10:1909:*****:						
cpe:2.3:o:microsoft:windows_10:2004:*****:						
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_10:1909:*****:						
cpe:2.3:o:microsoft:windows_10:2004:*****:						
cpe:2.3:o:microsoft:windows_server_2016:1903:*****:						
cpe:2.3:o:microsoft:windows_server_2016:1909:*****:						
cpe:2.3:o:microsoft:windows_server_2016:2004:*****:						
cpe:2.3:o:microsoft:windows_server_2016:1903:*****:						
cpe:2.3:o:microsoft:windows_server_2016:1909:*****:						
cpe:2.3:o:microsoft:windows_server_2016:2004:*****:						
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						
← Previous ID				Next ID →		