



CVE-2018-7484

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

Certain versions of [Purevpn](#) from [Purevpn](#) contain the following vulnerability:

An issue was discovered in PureVPN through 5.19.4.0 on Windows. The client installation grants the Everyone group Full Control permission to the installation directory. In addition, the PureVPNService.exe service, which runs under NT Authority\SYSTEM privileges, tries to load several dynamic-link libraries using relative

paths instead of the absolute path. When not using a fully qualified path, the application will first try to load the library from the directory from which the application is started. As the residing directory of PureVPNService.exe is writable to all users, this makes the application susceptible to privilege escalation through DLL hijacking.

CVE-2018-7484 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **9.3 - HIGH**

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

CVE References

Description	Tags	Link				
	Third Party Advisory www.defensecode.com application/pdf	MISC www.defensecode.com/advisories/DC-2018-02-001-PureVPN-Windows-Privilege-Escalation.pdf				
SecurityFocus	Third Party Advisory VDB Entry web.archive.org text/html Inactive Link Not Archived	MISC www.securityfocus.com/archive/1/541803				
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.						
There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Purevpn	Purevpn	5.19.4.0	All	All	All
Application	Purevpn	Purevpn	5.19.4.0	All	All	All
cpe:2.3:a:purevpn:purevpn:5.19.4.0:*:*:*:windows:*:*:						
cpe:2.3:a:purevpn:purevpn:5.19.4.0:*:*:*:windows:*:*:						
No vendor comments have been submitted for this CVE						
← Previous ID Next ID →						