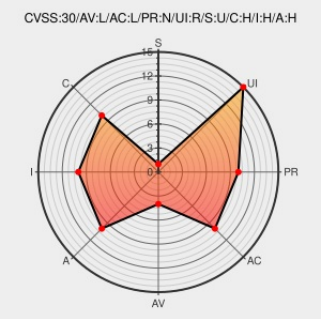
CVE-2019-12574

Published on: 07/11/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:41 PM UTC

CVE-2019-12574

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Private Internet Access Vpn Client from Londontrustmedia contain the following vulnerability:

A vulnerability in the London Trust Media Private Internet Access (PIA) VPN Client v1.0 for Windows could allow an authenticated, local attacker to run arbitrary code with elevated privileges. The PIA client is vulnerable to a DLL injection vulnerability during the software update process. The updater loads several libraries from a folder that authenticated users have write access to. A low privileged user can leverage this vulnerability to execute arbitrary code as SYSTEM.

CVE-2019-12574 has been assigned by 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
security-research/CVE-2019-12574.txt at master	Exploit	MISC github.com/mirabr/security

security-research/CVE-2019-12574.txt at master · mirchr/security-research · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/mirchr/security-research/blob/master/vulnerabilities/PIA/CVE-2019-12574.txt

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	Londontrustmedia	Private Internet Access Vpn Client	1.0	All	All	All
Application	Londontrustmedia	Private Internet Access Vpn Client	1.0	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All

cpe:2.3:a:londontrustmedia:private_internet_access_vpn_client:1.0:*:*:*:*:*:*:*:

cpe:2.3:a:londontrustmedia:private_internet_access_vpn_client:1.0:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→