CVE-2018-10190

Published on: 04/17/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:21 PM UTC

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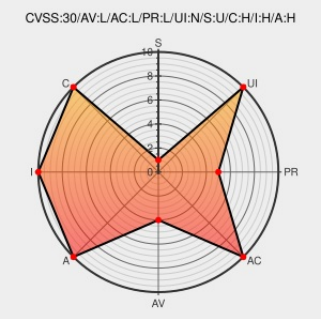

Certain versions of Private Internet Access from Londontrustmedia contain the following vulnerability:

A vulnerability in London Trust Media Private Internet Access (PIA) VPN Client v77 for Windows could allow an unauthenticated, local attacker to run executable files with elevated privileges. The vulnerability is due to insufficient implementation of access controls. The "Changelog" and "Help" options available from the system tray context menu spawn an elevated instance of the user's default web browser. An attacker could exploit this vulnerability by selecting "Run as Administrator" from the context menu of an executable file within the file browser of the spawned default web browser. This may allow the attacker to execute privileged commands on the targeted system.

CVE-2018-10190 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	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 7.2 - HIGH

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
research/VS-2018-019.md at master · VerSprite/research · GitHub	Third Party Advisory github.com text/html	MISC github.com/VerSprite/research/blob/master/advisories/VS-2018-019.md

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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
Application	Londontrustmedia	Private Internet Access	77	All	All	All
Application	Londontrustmedia	Private Internet Access	77	All	All	All

cpe:2.3:a:londontrustmedia:private_internet_access:77:*:*:*:*:windows:*:*:

cpe:2.3:a:londontrustmedia:private_internet_access:77:*:*:*:*:windows:*:*:

No vendor comments have been submitted for this CVE

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