

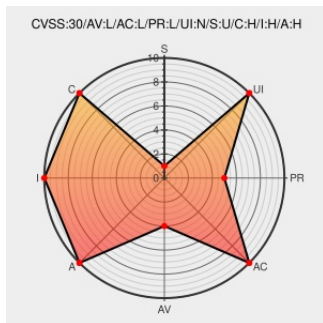


CVE-2019-12579

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CVE-2019-12579

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

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

A vulnerability in the London Trust Media Private Internet Access (PIA) VPN Client v82 for Linux and macOS could allow an authenticated, local attacker to run arbitrary code with elevated privileges. The PIA Linux/macOS binary openvpn_launcher.64 binary is setuid root. This binary accepts several parameters to update the system configuration.

These parameters are passed to operating system commands using a "here" document. The parameters are not sanitized, which allow for arbitrary commands to be injected using shell metacharacters. A local unprivileged user can pass special crafted parameters that will be interpolated by the operating system calls.

CVE-2019-12579 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	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

security-research/CVE-2019-12579.txt at master · mirchr/security-research · GitHub

Tags

Exploit

Third Party Advisory

github.com

text/html

Link

 MISC github.com/mirchr/security-research/blob/master/vulnerabilities/PIA/CVE-2019-12579.txt

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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	Apple	Macos	-	All	All	All
Operating System	Apple	Mac Os	-	All	All	All
Operating System	Apple	Mac Os	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Application	Londontrustmedia	Private Internet Access Vpn Client	82	All	All	All
Application	Londontrustmedia	Private Internet Access Vpn Client	82	All	All	All

cpe:2.3:o:apple:macos:-:*:*:*:*:*:

cpe:2.3:o:apple:mac_os:-:*:*:*:*:*:

cpe:2.3:o:apple:mac_os:-:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:-:*:*:*:*:*:

cpe:2.3:a:londontrustmedia:private_internet_access_vpn_client:82:*:*:*:*:*:

cpe:2.3:a:londontrustmedia:private_internet_access_vpn_client:82:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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