

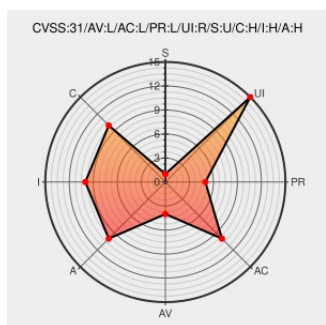


CVE-2021-44466

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CVE-2021-44466

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

Certain versions of [Bitmask Riseup Vpn](#) from [Leap](#) contain the following vulnerability:

Bitmask Riseup VPN 0.21.6 contains a local privilege escalation flaw due to improper access controls. When the software is installed with a non-default installation directory off of the system root, the installer fails to properly set ACLs. This allows lower privileged users to replace the VPN executable with a malicious one. When a higher privileged user such as an Administrator launches that executable, it is possible for the lower privileged user to escalate to Administrator privileges.

CVE-2021-44466 has been assigned by [vulnreport@tenable.com](#) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.3 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	HIGH	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Bitmask Riseup Local Privilege Escalation - Research Advisory		MISC www.tenable.com/security/research/tra

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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	Leap	Bitmask Riseup Vpn	0.21.6	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
cpe:2.3:a:leap:bitmask_riseup_vpn:0.21.6:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-44466 : Bitmask Riseup VPN 0.21.6 contains a local privilege escalation flaw due to improper access contro... twitter.com/i/web/status/1...	2021-12-30 22:20:56

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