CVE-2018-6460

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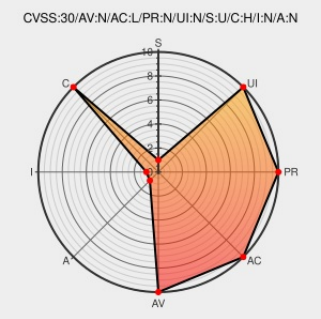

Certain versions of Hotspot Shield from Anchorfree contain the following vulnerability:

Hotspot Shield runs a webserver with a static IP address 127.0.0.1 and port 895. The web server uses JSONP and hosts sensitive information including configuration. User controlled input is not sufficiently filtered: an unauthenticated attacker can send a POST request to /status.js with the parameter func=$_APPLOG.Rfunc and extract sensitive information about the machine, including whether the user is connected to a VPN, to which VPN he/she is connected, and what is their real IP address.

CVE-2018-6460 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

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

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Hotspot Shield - Information Disclosure - Windows local	Exploit	EXPLOIT-DB 44042

Hotspot Shield - Information Disclosure - Windows local Exploit	Exploit Third Party Advisory VDB Entry www.exploit-db.com Proof of Concept text/html	EXPLOIT-DB 44042
401 Authorization Required	Exploit Third Party Advisory blogs.securiteam.com text/html Inactive Link Not Archived	MISC blogs.securiteam.com/index.php/archives/3604

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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	Anchorfree	Hotspot Shield	-	All	All	All
Application	Anchorfree	Hotspot Shield	-	All	All	All

cpe:2.3:a:anchorfree:hotspot_shield:-:*:*:*:*:*:*:*:

cpe:2.3:a:anchorfree:hotspot_shield:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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