CVE-2019-16651

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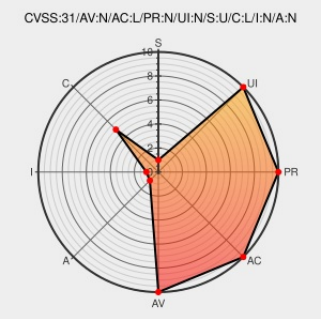
CVE-2019-16651

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



Certain versions of Super Hub 3 from Virginmedia contain the following vulnerability:

An issue was discovered on Virgin Media Super Hub 3 (based on ARRIS TG2492) devices. Because their SNMP commands have insufficient protection mechanisms, it is possible to use JavaScript and DNS rebinding to leak the WAN IP address of a user (if they are using certain VPN implementations, this would decloak them).

CVE-2019-16651 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.3 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	LOW	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
Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651) - Fidus Information Security	fidusinfosec.com text/html	MISC fidusinfosec.com/silently-unmasking-virgin-media-vpn-users-in-seconds-cve-2019-16651/
VPN users unmasked by zero-day vulnerability in Virgin	portswigger.net	MISC portswigger.net/daily-swig/vpn-users-

VPN users unmasked by zero day vulnerability in Virgin Media routers | The Daily Swig

portswigger.net

text/html

MISC portswigger.net/daily-swig/vpn-users-unmasked-by-zero-day-vulnerability-in-virgin-media-routers

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Virginmedia	Super Hub 3	-	All	All	All
Operating System	Virginmedia	Super Hub 3 Firmware	-	All	All	All

cpe:2.3:h:virginmedia:super_hub_3:-:*:*:*:*:*:*:*:

cpe:2.3:o:virginmedia:super_hub_3_firmware:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@_r_netsec	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651) fidusinfosec.com/silently-unmas…	2021-09-14 10:13:06
@CKsTechNews	#Unmasking Virgin Media #VPN Users in Seconds Hello friend..... fidusinfosec.com/silently-unmas… https://t.co/iKAdL1rs0m	2021-09-14 10:43:53
@CybrXx0	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651) via /r/netsec ift.tt/3Cd7t59 #cybersecurity #netsec #news	2021-09-14 10:59:34
@axcheron	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651) fidusinfosec.com/silently-unmas…	2021-09-14 11:11:00
@Myinfosecfeed	New post: "Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651)" ift.tt/3lrn4aR	2021-09-14 11:48:48
@netsecu	fidusinfosec.com/silently-unmas… Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651) - Fidus Information Security #cybersecurity	2021-09-14 12:52:08
@jonathandata1	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651) - Fidus Information Security, I warned of thi… twitter.com/i/web/status/1…	2021-09-14 14:50:43
@wayne386	@ispreview Are you aware of the VM superhub security issue, where vpn users can be unmasked? fidusinfosec.com/silently-unmas…	2021-09-14 19:19:00
@ellenke64965894	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651) fidusinfosec.com/silently-unmas… #cyber #cyberSecurity	2021-09-14 21:32:27
@WilfridBlanc	Silently Unmasking Virgin Media VPN Users in Seconds (#CVE-2019-16651) fidusinfosec.com/silently-unmas…	2021-09-14 22:00:03
@InfoSec_Pom	No login required! freethreatintel.com fidusinfosec.com/silently-unmas… Silently Unmasking Virgin	2021-09-15

	Media VPN Users in Se… twitter.com/i/web/status/1…	16:03:31
@310hkc41b	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651). Básicamente, como obtener la IP de los usua… twitter.com/i/web/status/1…	2021-09-17 07:56:13
@_hg8_	"Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651)" fidusinfosec.com/silently-unmas…	2021-09-17 13:37:53
@BendyCatus	Write up for those interested (CVE-2019-16651) fidusinfosec.com/silently-unmas… twitter.com/jamiebishop123…	2021-09-19 17:33:27
@BendyCatus	fidusinfosec.com/silently-unmas… and a working URL ?	2021-09-19 17:52:58
@BendyCatus	@chronic @jamiebishop123 My writeup is here fidusinfosec.com/silently-unmas… and I'm happy to answer any questions	2021-09-19 23:38:55
@CKsTechNews	#VPN users unmasked by zero-day #vulnerability in Virgin Media #routers Via: portswigger.net/daily-swig/vpn… Source: fidusinfosec.com/silently-unmas…	2021-09-20 12:40:23
@CVEreport	CVE-2019-16651 : An issue was discovered on Virgin Media Super Hub 3 based on ARRIS TG2492 devices. Because their… twitter.com/i/web/status/1…	2021-09-20 14:02:19
@megalokafes	@Senpaix00 "Liberty Global was first alerted to the vulnerability (CVE-2019-16651) on October 20, 2019." ?????	2021-09-20 14:40:10
/r/CKsTechNews	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651)	2021-09-14 10:44:33
/r/netsec	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651)	2021-09-14 10:01:15
/r/RedSec	Silently Unmasking Virgin Media VPN Users in Seconds (CVE-2019-16651)	2021-09-14 16:37:47

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