CVE-2020-8958

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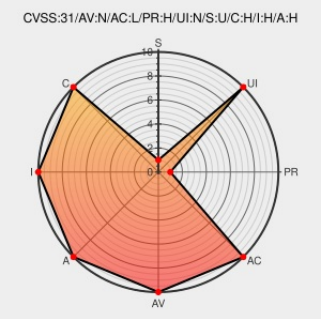
CVE-2020-8958

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



Certain versions of 1ge 3fe Wifi Onu V2804rgw from Gpononu contain the following vulnerability:

Guangzhou 1GE ONU V2801RW 1.9.1-181203 through 2.9.0-181024 and V2804RGW 1.9.1-181203 through 2.9.0-181024 devices allow remote attackers to execute arbitrary OS commands via shell metacharacters in the boaform/admin/formPing Dest IP Address field.

CVE-2020-8958 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.2 - HIGH

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

CVSS2 Score: 9 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
GitHub - qurbat/gpon: A proof of concept for CVE-2020-8958 written in Python.	Exploit, Third Party Advisory, github.com, text/html	MISC github.com/qurbat/gpon

V-SOL V2804EW 4GE GEPON WIFI ONU	Product www.gpononu.com text/html	MISC www.gpononu.com/gpon-ont/4ge-epon-onu-v2804ew.html
1GE Router WiFi ONU(dual mode) | EPON/GPON ONU	Product www.gpononu.com text/html	MISC www.gpononu.com/dual-mode-onu/1GE-Router-WiFi-ONU.html
Arbitrary OS command injection on V-SOL home routers – Karan Saini	Exploit Third Party Advisory www.karansaini.com text/html	MISC www.karansaini.com/os-command-injection-v-sol/

There are currently no QIDs associated with this CVE

Exploit/POC from Github

CVE-2020-8958: Authenticated RCE exploit for NetLink HG323

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Gpononu	1ge 3fe Wifi Onu V2804rgw	-	All	All	All
Hardware	Gpononu	1ge 3fe Wifi Onu V2804rgw	-	All	All	All
Operating System	Gpononu	1ge 3fe Wifi Onu V2804rgw Firmware	All	All	All	All
Hardware	Gpononu	1ge Router Wifi Onu V2801rw	-	All	All	All
Hardware	Gpononu	1ge Router Wifi Onu V2801rw	-	All	All	All
Operating System	Gpononu	1ge Router Wifi Onu V2801rw Firmware	All	All	All	All

cpe:2.3:h:gpononu:1ge\+3fe\+wifi_onu_v2804rgw:-:*:*:*:*:*:*:*:

cpe:2.3:h:gpononu:1ge\+3fe\+wifi_onu_v2804rgw:-:*:*:*:*:*:*:*:

cpe:2.3:o:gpononu:1ge\+3fe\+wifi_onu_v2804rgw_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:h:gpononu:1ge_router_wifi_onu_v2801rw:-:*:*:*:*:*:*:*:

cpe:2.3:h:gpononu:1ge_router_wifi_onu_v2801rw:-:*:*:*:*:*:*:*:

cpe:2.3:o:gpononu:1ge_router_wifi_onu_v2801rw_firmware:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@ipssignatures	It's new to me that proofpoint has a protection/signature/rule for the vulnerability CVE-2020-8958.… twitter.com/i/web/status/1…	2021-11-18 02:02:01
@ipssignatures	It is the first time for me to know a protection/signature/rule for the vulnerability CVE-2020-8958. #Se7ssrwq6kcgna	2021-11-18 02:02:01
@sylvaincortes	? Le malware BotenaGo infecte les routeurs et les objets connectés. ▶ Exploitation notamment de la CVE-2020-8958 ▶… twitter.com/i/web/status/1…	2021-12-06 09:45:57
@F5Labs	In August CVE-2020-8958 continued its run as the most frequently targeted vulnerability in our sensor logs, along w… twitter.com/i/web/status/1…	2022-09-22 17:55:39
@F5Labs	In August CVE-2020-8958 continued its run as the most frequently targeted vulnerability in our sensor logs, along w… twitter.com/i/web/status/1…	2022-09-27 08:29:16
@F5Labs	In August CVE-2020-8958 continued its run as the most frequently targeted vulnerability in our sensor logs, along w… twitter.com/i/web/status/1…	2022-10-01 16:30:59
@F5Labs	CVE-2020-8958 was the top targeted vulnerability in our logs in November 2022. Learn which other vulnerabilities ar… twitter.com/i/web/status/1…	2022-12-23 18:30:58
@JaclsyLee	CVE-2020-8958 was the top targeted vulnerability in our logs in November 2022. Learn which other vulnerabilities ar… twitter.com/i/web/status/1…	2022-12-27 09:09:35
@grabera7	CVE-2020-8958 was the top targeted vulnerability in our logs in November 2022. Learn which other vulnerabilities ar… twitter.com/i/web/status/1…	2022-12-27 19:49:39
@CujoaiLabs	@malwrhunterteam Botnet moves first to 45.12.253.12, then 45.9.74.88. Adds exploits for: CVE-2020-8958 CVE-2022-229… twitter.com/i/web/status/1…	2023-02-08 15:33:28

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