CVE-2020-15635

Published on: 08/19/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:41 PM UTC

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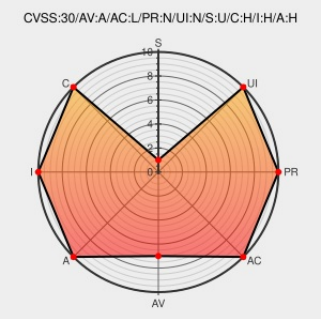

Certain versions of R6700 from Netgear contain the following vulnerability:

This vulnerability allows network-adjacent attackers to execute arbitrary code on affected installations of NETGEAR R6700 V1.0.4.84_10.0.58 routers with firmware 1.0.4.84_10.0.58. Authentication is not required to exploit this vulnerability. The specific flaw exists within the acsd service, which listens on TCP port 5916 by default. The issue results from the lack of proper validation of the length of user-supplied data prior to copying it to a fixed-length stack-based buffer. An attacker can leverage this vulnerability to execute code in the context of the admin user. Was ZDI-CAN-9853.

CVE-2020-15635 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **NETGEAR** - **R6700** version **1.0.4.84_10.0.58**

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 8.3 - HIGH

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Security Advisory for Pre-Authentication Buffer Overflow on R6700v3, PSV-2020-0202 | Answer | NETGEAR Support	Vendor Advisory kb.netgear.com text/html	MISC kb.netgear.com/000062127/Security-Advisory-for-Pre-Authentication-Buffer-Overflow-on-R6700v3-PSV-2020-0202
ZDI-20-936 | Zero Day Initiative	Third Party Advisory VDB Entry www.zerodayinitiative.com text/html	MISC www.zerodayinitiative.com/advisories/ZDI-20-936/

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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
Hardware	Netgear	R6700	v3	All	All	All
Hardware	Netgear	R6700	v3	All	All	All
Operating System	Netgear	R6700 Firmware	All	All	All	All
Operating System	Netgear	R6700 Firmware	All	All	All	All

cpe:2.3:h:netgear:r6700:v3:*:*:*:*:*:*:*:

cpe:2.3:h:netgear:r6700:v3:*:*:*:*:*:*:*:

cpe:2.3:o:netgear:r6700_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:o:netgear:r6700_firmware:*:*:*:*:*:*:*:*:

Discovery Credit

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