



CVE-2020-10927

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

CVSS:30/AV:A/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H



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. Authentication is not required to exploit this vulnerability. The specific flaw exists within the encryption of firmware update images.

The issue results from the use of an inappropriate encryption algorithm. An attacker can leverage this in conjunction with other vulnerabilities to execute code in the context of root. Was ZDI-CAN-9649.

CVE-2020-10927 has been assigned by zdi-disclosures@trendmicro.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **NETGEAR - R6700** version **V1.0.4.84_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

ZDI-20-707 | Zero Day Initiative

Tags

Third Party Advisory

VDB Entry

www.zerodayinitiative.com

text/html

Link

 MISC www.zerodayinitiative.com/advisories/ZDI-20-707/

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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	-	All	All	All
Hardware 	Netgear	R6700	-	All	All	All
Operating System	Netgear	R6700 Firmware	1.0.4.84_10.0.58	All	All	All
Operating System	Netgear	R6700 Firmware	1.0.4.84_10.0.58	All	All	All
cpe:2.3:h:netgear:r6700:-:*:*:*:*:*:						
cpe:2.3:h:netgear:r6700:-:*:*:*:*:*:						
cpe:2.3:o:netgear:r6700_firmware:1.0.4.84_10.0.58:*:*:*:*:*:						
cpe:2.3:o:netgear:r6700_firmware:1.0.4.84_10.0.58:*:*:*:*:*:						

Discovery Credit

Pedro Ribeiro and Radek Domanski of Team Flashback

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