VDB-308051 · CVE-2025-4443 · GCVE-100-308051

D-LINK DIR-605L 2.13B01 SUB_454F2C SYSCMD COMMAND INJECTION

A vulnerability was found in D-Link DIR-605L 2.13B01. It has been rated as critical. This issue affects the function `sub_454F2C`. The manipulation of the argument `sysCmd` with an unknown input leads to a command injection vulnerability. Using CWE to declare the problem leads to CWE-77. The product constructs all or part of a command using externally-influenced input from an upstream component, but it does not neutralize or incorrectly neutralizes special elements that could modify the intended command when it is sent to a downstream component. Impacted is confidentiality, integrity, and availability.

It is possible to read the advisory at github.com. The identification of this vulnerability is CVE-2025-4443. The exploitation is known to be easy. The attack may be initiated remotely. Technical details of the vulnerability are known, but there is no available exploit. The pricing for an exploit might be around USD $5k-$25k at the moment (estimation calculated on 05/09/2025). The attack technique deployed by this issue is T1202 according to MITRE ATT&CK.

The vendor was contacted early about this disclosure.

There is no information about possible countermeasures known. It may be suggested to replace the affected object with an alternative product.

Entries connected to this vulnerability are available at VDB-127792, VDB-128807, VDB-149413 and VDB-221708.

Product

Type

- Router Operating System

Vendor

- D-Link

Name

- DIR-605L

Version

- 2.13B01

License

- commercial

Support

- end of life

CPE 2.3

- 🔒

CPE 2.2

- 🔒

CVSSv4

VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA CVSS-B Score: 🔒
CNA CVSS-BT Score: 🔒
CNA Vector: 🔒

CVSSv3

VulDB Meta Base Score: 6.3
VulDB Meta Temp Score: 6.2

VulDB Base Score: 6.3
VulDB Temp Score: 6.1
VulDB Vector: 🔒
VulDB Reliability: 🔍

CNA Base Score: 6.3
CNA Vector: 🔒

CVSSv2

VulDB Base Score: 🔒

VulDB Temp Score: 🔒
VulDB Reliability: 🔍

Exploiting

Class: Command injection
CWE: CWE-77 / CWE-74 / CWE-707
CAPEC: 🔒
ATT&CK: 🔒

Local: No
Remote: Yes

Availability: 🔒
Status: Not defined

EPSS Score: 🔒
EPSS Percentile: 🔒

Price Prediction: 🔍
Current Price Estimation: 🔒

Threat Intelligence

Interest: 🔍
Active Actors: 🔍
Active APT Groups: 🔍

Countermeasures

Recommended: no mitigation known
Status: 🔍

0-Day Time: 🔒

Timeline

05/08/2025		Advisory disclosed
05/08/2025	+0 days	VulDB entry created
05/09/2025	+1 days	VulDB entry last update

Sources

Vendor: dlink.com

Advisory: github.com
Status: Not defined

CVE: CVE-2025-4443 (🔒)
GCVE (CVE): GCVE-0-2025-4443
GCVE (VulDB): GCVE-100-308051
See also: 🔒

Entry

Created: 05/08/2025 07:07 PM
Updated: 05/09/2025 12:45 PM
Changes: 05/08/2025 07:07 PM (55), 05/09/2025 12:45 PM (43)
Complete: 🔍
Submitter: jylsec
Cache ID: 5:DB4:101

Submit

Accepted

- Submit #558355: D-Link DIR-605L 2.13B01 Command Injection (by jylsec)

Discussion

No comments yet. Languages: en.

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