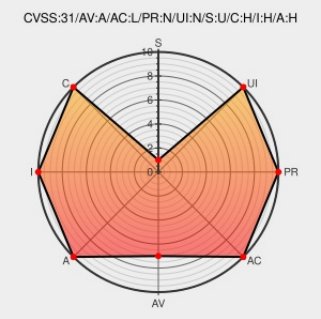
CVE-2019-13265

Published on: 08/27/2019 12:00:00 AM UTC

Last Modified on: 04/27/2023 02:30:00 PM UTC

CVE-2019-13265

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



Certain versions of Dir-825/ac G1 from D-link contain the following vulnerability:

D-link DIR-825AC G1 devices have Insufficient Compartmentalization between a host network and a guest network that are established by the same device. They forward ARP requests, which are sent as broadcast packets, between the host and the guest networks. To use this leakage as a direct covert channel, the sender can trivially issue an ARP request to an arbitrary computer on the network. (In general, some routers restrict ARP forwarding only to requests destined for the network's subnet mask, but these routers did not restrict this traffic in any way. Depending on this factor, one must use either the lower 8 bits of the IP address, or the entire 32 bits, as the data payload.)

CVE-2019-13265 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

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: 5.8 - MEDIUM

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

CVE References

Description	Tags	Link
	Third Party Advisory www.usenix.org application/pdf	MISC www.usenix.org/system/files/woot19-paper_ovadia.pdf
Redirecting…	Exploit Third Party Advisory orenlab.sise.bgu.ac.il text/html	MISC orenlab.sise.bgu.ac.il/publications/CrossRouter

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	D-link	Dir-825/ac G1	-	All	All	All
Operating System	D-link	Dir-825/ac G1 Firmware	-	All	All	All
Hardware	D-link	Dir-825/ac G1	-	All	All	All
Hardware	D-link	Dir-825/ac G1	-	All	All	All
Operating System	D-link	Dir-825/ac G1 Firmware	-	All	All	All
Operating System	D-link	Dir-825/ac G1 Firmware	-	All	All	All
Hardware	Dlink	Dir-825/ac G1	-	All	All	All
Operating System	Dlink	Dir-825/ac G1 Firmware	-	All	All	All

cpe:2.3:h:d-link:dir-825/ac_g1:-:*:*:*:*:*:*:*:

cpe:2.3:o:d-link:dir-825/ac_g1_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:d-link:dir-825\/ac_g1:-:*:*:*:*:*:*:*:

cpe:2.3:h:d-link:dir-825\/ac_g1:-:*:*:*:*:*:*:*:

cpe:2.3:o:d-link:dir-825\/ac_g1_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:o:d-link:dir-825\/ac_g1_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:dlink:dir-825\/ac_g1:-:*:*:*:*:*:*:*:

cpe:2.3:o:dlink:dir-825\/ac_g1_firmware:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→