



CVE-2019-8319

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

Certain versions of [Dir-878](#) from [Dlink](#) contain the following vulnerability:

An issue was discovered on D-Link DIR-878 devices with firmware 1.12A1. This issue is a Command Injection allowing a remote attacker to execute arbitrary code, and get a root shell. A command Injection vulnerability allows attackers to execute arbitrary OS commands via a crafted /HNAP1 POST request. This occurs when any HNAP API

function triggers a call to the system function with untrusted input from the request body for the SetStaticRouteIPv4Settings API function, as demonstrated by shell metacharacters in the Gateway field.

CVE-2019-8319 has been assigned by [M](#) 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
NETWORK	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
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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 	Dlink	Dir-878	-	All	All	All
Hardware 	Dlink	Dir-878	-	All	All	All
Operating System	Dlink	Dir-878 Firmware	1.12a1	All	All	All
Operating System	Dlink	Dir-878 Firmware	1.12a1	All	All	All
cpe:2.3:h:dlink:dir-878:-:*:*:*:*:*:						
cpe:2.3:h:dlink:dir-878:-:*:*:*:*:*:						
cpe:2.3:o:dlink:dir-878_firmware:1.12a1:*:*:*:*:*:						
cpe:2.3:o:dlink:dir-878_firmware:1.12a1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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