



CVE-2019-3979

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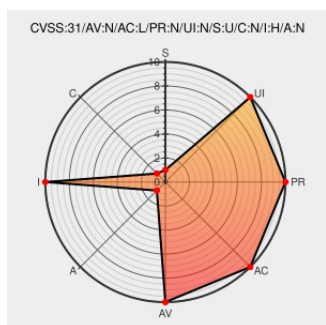
CVE-2019-3979

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Routers](#) from [Mikrotik](#) contain the following vulnerability:

RouterOS versions 6.45.6 Stable, 6.44.5 Long-term, and below are vulnerable to a DNS unrelated data attack. The router adds all A records to its DNS cache even when the records are unrelated to the domain that was queried. Therefore, a remote attacker controlled DNS server can poison the router's DNS cache via malicious responses with additional and untrue records.

CVE-2019-3979 has been assigned by vulnreport@tenable.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	HIGH	NONE

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
MikroTik RouterOS Multiple Vulnerabilities - Research Advisory Tenable®	Third Party Advisory www.tenable.com	www.tenable.com/security/research/tra-2019-46

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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
Operating System	Mikrotik	Routeros	All	All	All	All
Operating System	Mikrotik	Routeros	All	All	All	All
cpe:2.3:o:mikrotik:routeros:*:*:*:*:ltr:*:*:						
cpe:2.3:o:mikrotik:routeros:*:*:*:*:-:*:*:						

No vendor comments have been submitted for this CVE

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