

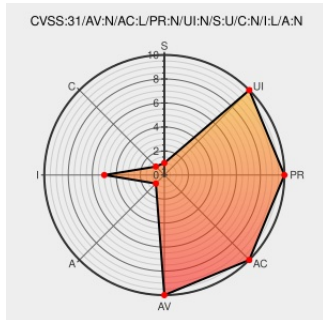


CVE-2022-33989

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CVE-2022-33989

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

Certain versions of [Dproxy-nexgen](#) from [Dproxy-nexgen Project](#) contain the following vulnerability:

dproxy-nexgen (aka dproxy nexgen) uses a static UDP source port (selected randomly only at boot time) in upstream queries sent to DNS resolvers. This allows DNS cache poisoning because there is not enough entropy to prevent traffic injection attacks.

CVE-2022-33989 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.3 - MEDIUM**

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

CVE References

Description	Tags	Link
dproxy - caching DNS proxy download SourceForge.net	sourceforge.net text/html	MISC sourceforge.net/projects/dproxy/
XDRI Attacks - and - How to Enhance Resilience of Residential Routers USENIX	www.usenix.org text/html	MISC www.usenix.org/conference/usenixsecurity22/presentation/jeitner
oss-security - Multiple DNS Cache poisoning vulnerabilities in dproxy and drproxy-nexgen (CVE-2022-33988, CVE-2022-33989, CVE-2022-33990, CVE-2022-33991)	www.openwall.com text/html	MISC www.openwall.com/lists/oss-security/2022/08/14/3

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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
Application	Dproxy-nexgen Project	Dproxy-nexgen	-	All	All	All
cpe:2.3:a:dproxy-nexgen_project:dproxy-nexgen:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-33989 : dproxy-nexgen aka dproxy nexgen uses a static UDP source port selected randomly only at boot ti... twitter.com/i/web/status/1...	2022-08-15 13:07:32
 /r/netcve	CVE-2022-33989	2022-08-15 14:38:12

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