



# CVE-2022-30698

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-30698
<b>State</b>	PUBLIC
<b>Assigner</b>	sep@nlnetlabs.nl
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-01 15:15:00 UTC
<b>Updated</b>	2023-11-07 03:47:00 UTC
<b>Description</b>	NLnet Labs Unbound, up to and including version 1.16.1 is vulnerable to a novel type of the "ghost domain names" attack.

## Risk And Classification

**Problem Types:** CWE-613

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Application	<a href="#">Nlnetlabs</a>	<a href="#">Unbound</a>	All	All	All	All

## References

Reference	Source	Link	Ta
Unbound: Multiple Vulnerabilities (GLSA 202212-02) — Gentoo security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	
[SECURITY] Fedora 36 Update: unbound-1.16.2-3.fc36 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
<a href="https://www.nlnetlabs.nl/downloads/unbound/CVE-2022-30698_CVE-2022-30699.txt">www.nlnetlabs.nl/downloads/unbound/CVE-2022-30698_CVE-2022-30699.txt</a>	CONFIRM	<a href="https://www.nlnetlabs.nl">www.nlnetlabs.nl</a>	
[SECURITY] Fedora 35 Update: unbound-1.16.2-3.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] Fedora 36 Update: unbound-1.16.2-3.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
[SECURITY] [DLA 3371-1] unbound security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
[SECURITY] Fedora 35 Update: unbound-1.16.2-3.fc35 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	ca

## Vendor Comments And Credit

## Discovery Credit

**LEGACY:** We would like to thank Xiang Li from the Network and Information Security Lab of Tsinghua University for discovering and disclosing the vulnerability.

### Legacy QID Mappings

[160242](#) Oracle Enterprise Linux Security Update for unbound (ELSA-2022-7622)

[160302](#) Oracle Enterprise Linux Security Update for unbound (ELSA-2022-8062)

[181641](#) Debian Security Update for unbound (DLA 3371-1)

[183505](#) Debian Security Update for unbound (CVE-2022-30698)

[198902](#) Ubuntu Security Notification for Unbound Vulnerabilities (USN-5569-1)

[240819](#) Red Hat Update for unbound security (RHSA-2022:7622)

[240879](#) Red Hat Update for unbound security (RHSA-2022:8062)

[283029](#) Fedora Security Update for unbound (FEDORA-2022-f89beb0640)

[283065](#) Fedora Security Update for unbound (FEDORA-2022-0a914d5c6b)

[354699](#) Amazon Linux Security Advisory for unbound : ALAS2022-2023-265

[355270](#) Amazon Linux Security Advisory for unbound : ALAS2023-2023-078

[357091](#) Amazon Linux Security Advisory for unbound : ALAS2-2024-2452

[357232](#) Amazon Linux Security Advisory for unbound : ALAS2-2024-2468

[502797](#) Alpine Linux Security Update for unbound

[672189](#) EulerOS Security Update for unbound (EulerOS-SA-2022-2482)

[672292](#) EulerOS Security Update for unbound (EulerOS-SA-2022-2702)

[672305](#) EulerOS Security Update for unbound (EulerOS-SA-2022-2670)

[672378](#) EulerOS Security Update for unbound (EulerOS-SA-2022-2746)

[672384](#) EulerOS Security Update for unbound (EulerOS-SA-2022-2781)

[690910](#) Free Berkeley Software Distribution (FreeBSD) Security Update for unbound (bc43a578-14ec-11ed-856e-d4c9ef517024)

[710690](#) Gentoo Linux Unbound Multiple Vulnerabilities (GLSA 202212-02)

[902659](#) Common Base Linux Mariner (CBL-Mariner) Security Update for unbound (10458)

[902663](#) Common Base Linux Mariner (CBL-Mariner) Security Update for unbound (10452)

[903797](#) Common Base Linux Mariner (CBL-Mariner) Security Update for unbound (10452-1)

[940758](#) AlmaLinux Security Update for unbound (ALSA-2022:7622)

[940824](#) AlmaLinux Security Update for unbound (ALSA-2022:8062)

[960177](#) Rocky Linux Security Update for unbound (RLSA-2022:7622)

[960579](#) Rocky Linux Security Update for unbound (RLSA-2022:8062)

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