



# CVE-2020-8621

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2020-8621
<b>State</b>	PUBLIC
<b>Assigner</b>	security-officer@isc.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-08-21 21:15:00 UTC
<b>Updated</b>	2022-04-28 18:27:00 UTC
<b>Description</b>	In BIND 9.14.0 -> 9.16.5, 9.17.0 -> 9.17.3, If a server is configured with both QNAME minimization and 'forward first' then a

## Risk And Classification

**Problem Types:** CWE-617

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Application	<a href="#">Isc</a>	<a href="#">Bind</a>	All	All	All	All
Application	<a href="#">Isc</a>	<a href="#">Bind</a>	All	All	All	All
Application	<a href="#">Netapp</a>	<a href="#">Steelstore Cloud Integrated Storage</a>	-	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.2	All	All	All
Application	<a href="#">Synology</a>	<a href="#">Dns Server</a>	All	All	All	All

## References

Reference	Source
[security-announce] openSUSE-SU-2020:1699-1: moderate: Security update f	SUSE
USN-4468-1: Bind vulnerabilities   Ubuntu security notices   Ubuntu	UBUN
BIND: Multiple vulnerabilities (GLSA 202008-19) — Gentoo security	GENT
CVE-2020-8621: Attempting QNAME minimization after forwarding can lead to an assertion failure in resolver.c - Security Advisories	CONF
[security-announce] openSUSE-SU-2020:1701-1: moderate: Security update f	SUSE

August 2020 ISC BIND Vulnerabilities in NetApp Products   NetApp Product Security	CONF
Synology Inc.	CONF
CVE Program record	CVE.C
NVD vulnerability detail	NVD

### Vendor Comments And Credit

Discovery Credit  
**LEGACY:** ISC would like to thank Joseph Gullo for bringing this vulnerability to our attention.

### Legacy QID Mappings

<a href="#">500064</a> Alpine Linux Security Update for bind
<a href="#">503743</a> Alpine Linux Security Update for bind
<a href="#">900157</a> CBL-Mariner Linux Security Update for bind 9.16.3
<a href="#">902920</a> Common Base Linux Mariner (CBL-Mariner) Security Update for bind (1991)

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