



CVE-2020-8620

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-8620
State	PUBLIC
Assigner	security-officer@isc.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-08-21 21:15:00 UTC
Updated	2022-06-02 20:34:00 UTC
Description	In BIND 9.15.6 -> 9.16.5, 9.17.0 -> 9.17.3, An attacker who can establish a TCP connection with the server and send data c

Risk And Classification

Problem Types: CWE-617

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Application	Isc	Bind	9.11.21	s1	All	All
Application	Isc	Bind	9.11.3	s1	All	All
Application	Isc	Bind	9.9.12	s1	All	All
Application	Isc	Bind	9.9.13	s1	All	All
Application	Isc	Bind	9.11.21	s1	All	All
Application	Isc	Bind	9.11.3	s1	All	All
Application	Isc	Bind	9.9.12	s1	All	All
Application	Isc	Bind	9.9.13	s1	All	All
Application	Isc	Bind	All	All	All	All
Application	Isc	Bind	All	All	All	All
Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All

References

Reference	Source	Link
[security-announce] openSUSE-SU-2020:1699-1: moderate: Security update f	SUSE	lists.op
USN-4468-1: Bind vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ub
BIND: Multiple vulnerabilities (GLSA 202008-19) — Gentoo security	GENTOO	securit
CVE-2020-8620: A specially crafted large TCP payload can trigger an assertion failure in tcpdns.c - Security Advisories	CONFIRM	kb.isc.
[security-announce] openSUSE-SU-2020:1701-1: moderate: Security update f	SUSE	lists.op
August 2020 ISC BIND Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	securit
Synology Inc.	CONFIRM	www.s
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.nis

Vendor Comments And Credit

Discovery Credit

LEGACY: ISC would like to thank Emanuel Almeida of Cisco Systems, Inc. for bringing this vulnerability to our attention.

Legacy QID Mappings

[500064](#) Alpine Linux Security Update for bind

[503743](#) Alpine Linux Security Update for bind

[900157](#) CBL-Mariner Linux Security Update for bind 9.16.3

[903009](#) Common Base Linux Mariner (CBL-Mariner) Security Update for bind (1989)

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