CVE-2020-8623

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Summary

CVE	CVE-2020-8623
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	2023-11-07 03:26:00 UTC
Description	In BIND 9.10.0 -> 9.11.21, 9.12.0 -> 9.16.5, 9.17.0 -> 9.17.3, also affects 9.10.5-S1 -> 9.11.21-S1 of the BIND 9 Supported

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	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Application	Isc	Bind	9.10.5	s1	All	All
Application	Isc	Bind	9.11.21	s1	All	All
Application	Isc	Bind	9.10.5	s1	All	All
Application	Isc	Bind	9.11.21	s1	All	All
Application	Isc	Bind	All	All	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
Application	Synology	Dns Server	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	UBUNTU
BIND: Multiple vulnerabilities (GLSA 202008-19) — Gentoo security	GENTO
[SECURITY] [DLA 2355-1] bind9 security update	MLIST
[SECURITY] Fedora 31 Update: bind-dyndb-ldap-11.2-4.fc31 - package-announce - Fedora Mailing-Lists	FEDOR
Debian -- Security Information -- DSA-4752-1 bind9	DEBIAN
[security-announce] openSUSE-SU-2020:1701-1: moderate: Security update f	SUSE
[SECURITY] Fedora 32 Update: bind-9.11.22-1.fc32 - package-announce - Fedora Mailing-Lists	
August 2020 ISC BIND Vulnerabilities in NetApp Products | NetApp Product Security	CONFIR
[SECURITY] Fedora 32 Update: bind-9.11.22-1.fc32 - package-announce - Fedora Mailing-Lists	FEDOR
Synology Inc.	CONFIR
CVE-2020-8623: A flaw in native PKCS#11 code can lead to a remotely triggerable assertion failure in pk11.c - Security Advisories	CONFIR
[SECURITY] Fedora 31 Update: bind-dyndb-ldap-11.2-4.fc31 - package-announce - Fedora Mailing-Lists	
CVE Program record	CVE.OR
NVD vulnerability detail	NVD

Vendor Comments And Credit

Discovery Credit

LEGACY: ISC would like to thank Lyu Chiy for bringing this vulnerability to our attention.

Legacy QID Mappings

- 377151 Alibaba Cloud Linux Security Update for bind (ALINUX3-SA-2021:0025)
- 377309 Alibaba Cloud Linux Security Update for bind (ALINUX2-SA-2020:0181)
- 378294 Virtuozzo Linux Security Update for bind-pkcs11-libs (VZLSA-2020:5011)
- 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
- 903040 Common Base Linux Mariner (CBL-Mariner) Security Update for bind (1990)