CVE-2020-8616

MITRE | NVD | CVE.ORG | Print: PDF

Summary

CVE	CVE-2020-8616
State	PUBLIC
Assigner	security-officer@isc.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-05-19 14:15:00 UTC
Updated	2023-11-07 03:26:00 UTC
Description	A malicious actor who intentionally exploits this lack of effective limitation on the number of fetches performed when proces

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Isc	Bind	9.10.5	s1	All	All
Application	Isc	Bind	9.10.7	s1	All	All
Application	Isc	Bind	9.11.3	s1	All	All
Application	Isc	Bind	9.11.5	s3	All	All
Application	Isc	Bind	9.11.5	s5	All	All
Application	Isc	Bind	9.11.6	s1	All	All
Application	Isc	Bind	9.11.7	s1	All	All
Application	Isc	Bind	9.11.8	s1	All	All
Application	Isc	Bind	9.12.4	p1	All	All
Application	Isc	Bind	9.12.4	p2	All	All
Application	Isc	Bind	9.9.3	s1	All	All
Application	Isc	Bind	9.10.5	s1	All	All
Application	Isc	Bind	9.10.7	s1	All	All

Application	Isc	Bind	9.11.3	s1	All	All
Application	Isc	Bind	9.11.5	s3	All	All
Application	Isc	Bind	9.11.5	s5	All	All
Application	Isc	Bind	9.11.6	s1	All	All
Application	Isc	Bind	9.11.7	s1	All	All
Application	Isc	Bind	9.11.8	s1	All	All
Application	Isc	Bind	9.12.4	p1	All	All
Application	Isc	Bind	9.12.4	p2	All	All
Application	Isc	Bind	9.9.3	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	Isc	Bind	All	All	All	All
Application	Isc	Bind	All	All	All	All
Application	Isc	Bind	All	All	All	All
Application	Isc	Bind	All	All	All	All

References

Reference	Source
[security-announce] openSUSE-SU-2020:1699-1: moderate: Security update f	SUSE
CVE-2020-8616: BIND does not sufficiently limit the number of fetches performed when processing referrals - Security Advisories	CONFIRM
[SECURITY] Fedora 31 Update: bind-9.11.19-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] [DLA 2227-1] bind9 security update	MLIST
[SECURITY] Fedora 32 Update: bind-9.11.19-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA
Synology Inc.	CONFIRM
NXNSAttack	MISC
[SECURITY] Fedora 31 Update: bind-9.11.19-1.fc31 - package-announce - Fedora Mailing-Lists	
oss-security - Two vulnerabilities disclosed in BIND (CVE-2020-8616 and CVE-2020-8617)	MLIST
[security-announce] openSUSE-SU-2020:1701-1: moderate: Security update f	SUSE
[SECURITY] Fedora 32 Update: bind-9.11.19-1.fc32 - package-announce - Fedora Mailing-Lists	
May 2020 ISC BIND Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM
USN-4365-1: Bind vulnerabilities | Ubuntu security notices	UBUNTU
USN-4365-2: Bind vulnerabilities | Ubuntu security notices	UBUNTU
Debian -- Security Information -- DSA-4689-1 bind9	DEBIAN
CVE Program record	CVE.ORG

Vendor Comments And Credit

Discovery Credit

LEGACY: ISC would like to thank Lior Shafir and Yehuda Afek of Tel Aviv University and Anat Bremler-Barr of Interdisciplinary Center (IDC) Herzliya for discovering and reporting this issue.

Legacy QID Mappings

296074 Oracle Solaris 11.4 Support Repository Update (SRU) 22.69.4 Missing (CPUAPR2020)

377062 Alibaba Cloud Linux Security Update for bind (ALINUX2-SA-2020:0095)

390244 Oracle Managed Virtualization (VM) Server for x86 Security Update for bind (OVMSA-2020-0021)

500054 Alpine Linux Security Update for bind

503735 Alpine Linux Security Update for bind