CVE-2017-3136

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Summary

CVE	CVE-2017-3136
State	PUBLIC
Assigner	security-officer@isc.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-01-16 20:29:00 UTC
Updated	2020-10-20 12:15:00 UTC
Description	A query with a specific set of characteristics could cause a server using DNS64 to encounter an assertion failure and termir

Risk And Classification

Problem Types: CWE-617

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Isc	Bind	9.10.4	p1	All	All
Application	Isc	Bind	9.10.4	p2	All	All
Application	Isc	Bind	9.10.4	p3	All	All
Application	Isc	Bind	9.10.4	p4	All	All
Application	Isc	Bind	9.10.4	p5	All	All
Application	Isc	Bind	9.10.4	p6	All	All
Application	Isc	Bind	9.10.5	b1	All	All
Application	Isc	Bind	9.10.5	rc1	All	All
Application	Isc	Bind	9.11.0	All	All	All
Application	Isc	Bind	9.11.0	p1	All	All
Application	Isc	Bind	9.11.0	p2	All	All
Application	Isc	Bind	9.11.0	p3	All	All
Application	Isc	Bind	9.11.1	beta1	All	All
Application	Isc	Bind	9.11.1	rc1	All	All
Application	Isc	Bind	9.8.0	p1	All	All

Application	Isc	Bind	9.9.0	p1	All	All
Application	Isc	Bind	9.9.0	p2	All	All
Application	Isc	Bind	9.9.0	p3	All	All
Application	Isc	Bind	9.9.0	p4	All	All
Application	Isc	Bind	9.9.0	p5	All	All
Application	Isc	Bind	9.9.0	p6	All	All
Application	Isc	Bind	9.9.10	beta1	All	All
Application	Isc	Bind	9.9.10	rc1	All	All
Application	Isc	Bind	9.9.3	All	All	All
Application	Isc	Bind	9.9.3	s1	All	All
Application	Isc	Bind	9.10.4	p1	All	All
Application	Isc	Bind	9.10.4	p2	All	All
Application	Isc	Bind	9.10.4	p3	All	All
Application	Isc	Bind	9.10.4	p4	All	All
Application	Isc	Bind	9.10.4	p5	All	All
Application	Isc	Bind	9.10.4	p6	All	All
Application	Isc	Bind	9.10.5	b1	All	All
Application	Isc	Bind	9.10.5	rc1	All	All
Application	Isc	Bind	9.11.0	All	All	All
Application	Isc	Bind	9.11.0	p1	All	All
Application	Isc	Bind	9.11.0	p2	All	All
Application	Isc	Bind	9.11.0	p3	All	All
Application	Isc	Bind	9.11.1	beta1	All	All
Application	Isc	Bind	9.11.1	rc1	All	All
Application	Isc	Bind	9.8.0	p1	All	All
Application	Isc	Bind	9.9.0	p1	All	All
Application	Isc	Bind	9.9.0	p2	All	All
Application	Isc	Bind	9.9.0	p3	All	All
Application	Isc	Bind	9.9.0	p4	All	All
Application	Isc	Bind	9.9.0	p5	All	All
Application	Isc	Bind	9.9.0	p6	All	All
Application	Isc	Bind	9.9.10	beta1	All	All
Application	Isc	Bind	9.9.10	rc1	All	All
Application	Isc	Bind	9.9.3	All	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	Netapp	Data Ontap Edge	-	All	All	All
Application	Netapp	Data Ontap Edge	-	All	All	All
Application	Netapp	Element Software	-	All	All	All
Application	Netapp	Element Software	-	All	All	All
Application	Netapp	Oncommand Balance	-	All	All	All
Application	Netapp	Oncommand Balance	-	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All

Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference
[security-announce] openSUSE-SU-2020:1699-1: moderate: Security update f
Debian -- Security Information -- DSA-3854-1 bind9
Red Hat Customer Portal
April 2017 ISC BIND Vulnerabilities in NetApp Products | NetApp Product Security
Document Display | HPE Support Center
CVE-2017-3136: An error handling synthesized records could cause an assertion failure when using DNS64 with "break-dnssec yes;" - Securi
BIND DNS64 State Error Lets Remote Users Cause the Target Service to Crash - SecurityTracker
[security-announce] openSUSE-SU-2020:1701-1: moderate: Security update f
Red Hat Customer Portal
BIND: Multiple vulnerabilities (GLSA 201708-01) — Gentoo Security
ISC BIND CVE-2017-3136 Remote Denial of Service Vulnerability
CVE Program record
NVD vulnerability detail

Vendor Comments And Credit

Discovery Credit

LEGACY: ISC would like to thank Oleg Gorokhov of Yandex for making us aware of this vulnerability.

Legacy QID Mappings

- 378290 Virtuozzo Linux Security Update for bind-pkcs11-libs (VZLSA-2017:1095)
- 378311 Virtuozzo Linux Security Update for bind-chroot (VZLSA-2017:1105)
- 500048 Alpine Linux Security Update for bind
- 503729 Alpine Linux Security Update for bind
- 710473 Gentoo Linux BIND Multiple Vulnerabilities (GLSA 201708-01)

CVE.report and Source URL Uptime Status status.cve.report