CVE-2017-3143

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2017-3143
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	2019-10-03 00:03:00 UTC
Description	An attacker who is able to send and receive messages to an authoritative DNS server and who has knowledge of a valid TS

Risk And Classification

Problem Types: NVD-CWE-noinfo

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	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Isc	Bind	9.10.5	p1	All	All
Application	Isc	Bind	9.10.5	s1	All	All
Application	Isc	Bind	9.10.5	s2	All	All
Application	Isc	Bind	9.11.1	p1	All	All
Application	Isc	Bind	9.9.0	p1	All	All
Application	Isc	Bind	9.9.10	s2	All	All
Application	Isc	Bind	9.9.3	s1	All	All
Application	Isc	Bind	9.10.5	p1	All	All
Application	Isc	Bind	9.10.5	s1	All	All
Application	Isc	Bind	9.10.5	s2	All	All
Application	Isc	Bind	9.11.1	p1	All	All
Application	Isc	Bind	9.9.0	p1	All	All
Application	Isc	Bind	9.9.10	s2	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
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	Source
Red Hat Customer Portal	REDHAT
July 2017 ISC BIND Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM
BIND TSIG Authentication Bugs Let Remote Users Bypass Authentication to Transfer or Modify Zone Conetnt - SecurityTracker	SECTRAC
ISC BIND CVE-2017-3143 Security Bypass Vulnerability	BID
Debian -- Security Information -- DSA-3904-1 bind9	DEBIAN
Red Hat Customer Portal	REDHAT
Document Display | HPE Support Center	CONFIRM
CVE-2017-3143: An error in TSIG authentication can permit unauthorized dynamic updates - Security Advisories	CONFIRM
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

Vendor Comments And Credit

Discovery Credit

LEGACY: ISC would like to thank Clément Berthaux from Synacktiv for reporting this issue.

Legacy QID Mappings

378178 Virtuozzo Linux Security Update for bind-sdb (VZLSA-2017:1679)

378227 Virtuozzo Linux Security Update for bind-pkcs11-devel (VZLSA-2017:1680)