



CVE-2011-1910

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2011-1910
State	PUBLISHED
Assigner	certcc
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-05-31 20:55:02 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Off-by-one error in named in ISC BIND 9.x before 9.7.3-P1, 9.8.x before 9.8.0-P2, 9.4-ESV before 9.4-ESV-R4-P1, and 9.6

Risk And Classification

Primary CVSS: v2.0 5 from nvd@nist.gov

AV:N/AC:L/Au:N/C:N/I:N/A:P

Problem Types: CWE-189 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:L/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	IsC	Bind	9.0	All	All	All

Application	lsc	Bind	9.0.0	rc1	All	All
Application	lsc	Bind	9.0.0	rc2	All	All
Application	lsc	Bind	9.0.0	rc3	All	All
Application	lsc	Bind	9.0.0	rc4	All	All
Application	lsc	Bind	9.0.0	rc5	All	All
Application	lsc	Bind	9.0.0	rc6	All	All
Application	lsc	Bind	9.0.1	All	All	All
Application	lsc	Bind	9.0.1	rc1	All	All
Application	lsc	Bind	9.0.1	rc2	All	All
Application	lsc	Bind	9.1	All	All	All
Application	lsc	Bind	9.1.0	rc1	All	All
Application	lsc	Bind	9.1.1	All	All	All
Application	lsc	Bind	9.1.1	rc1	All	All
Application	lsc	Bind	9.1.1	rc2	All	All
Application	lsc	Bind	9.1.1	rc3	All	All
Application	lsc	Bind	9.1.1	rc4	All	All
Application	lsc	Bind	9.1.1	rc5	All	All
Application	lsc	Bind	9.1.1	rc6	All	All
Application	lsc	Bind	9.1.1	rc7	All	All
Application	lsc	Bind	9.1.2	All	All	All
Application	lsc	Bind	9.1.2	rc1	All	All
Application	lsc	Bind	9.1.3	All	All	All
Application	lsc	Bind	9.1.3	rc1	All	All
Application	lsc	Bind	9.1.3	rc2	All	All
Application	lsc	Bind	9.1.3	rc3	All	All
Application	lsc	Bind	9.2	All	All	All
Application	lsc	Bind	9.2.0	All	All	All
Application	lsc	Bind	9.2.0	a1	All	All
Application	lsc	Bind	9.2.0	a2	All	All
Application	lsc	Bind	9.2.0	a3	All	All
Application	lsc	Bind	9.2.0	b1	All	All
Application	lsc	Bind	9.2.0	b2	All	All
Application	lsc	Bind	9.2.0	rc1	All	All
Application	lsc	Bind	9.2.0	rc10	All	All
Application	lsc	Bind	9.2.0	rc2	All	All
Application	lsc	Bind	9.2.0	rc3	All	All

Application	lsc	Bind	9.2.0	rc4	All	All
Application	lsc	Bind	9.2.0	rc5	All	All
Application	lsc	Bind	9.2.0	rc6	All	All
Application	lsc	Bind	9.2.0	rc7	All	All
Application	lsc	Bind	9.2.0	rc8	All	All
Application	lsc	Bind	9.2.0	rc9	All	All
Application	lsc	Bind	9.2.1	All	All	All
Application	lsc	Bind	9.2.1	rc1	All	All
Application	lsc	Bind	9.2.1	rc2	All	All
Application	lsc	Bind	9.2.2	All	All	All
Application	lsc	Bind	9.2.2	p2	All	All
Application	lsc	Bind	9.2.2	p3	All	All
Application	lsc	Bind	9.2.2	rc1	All	All
Application	lsc	Bind	9.2.3	All	All	All
Application	lsc	Bind	9.2.3	rc1	All	All
Application	lsc	Bind	9.2.3	rc2	All	All
Application	lsc	Bind	9.2.3	rc3	All	All
Application	lsc	Bind	9.2.3	rc4	All	All
Application	lsc	Bind	9.2.4	All	All	All
Application	lsc	Bind	9.2.4	rc2	All	All
Application	lsc	Bind	9.2.4	rc3	All	All
Application	lsc	Bind	9.2.4	rc4	All	All
Application	lsc	Bind	9.2.4	rc5	All	All
Application	lsc	Bind	9.2.4	rc6	All	All
Application	lsc	Bind	9.2.4	rc7	All	All
Application	lsc	Bind	9.2.4	rc8	All	All
Application	lsc	Bind	9.2.5	All	All	All
Application	lsc	Bind	9.2.5	b2	All	All
Application	lsc	Bind	9.2.5	rc1	All	All
Application	lsc	Bind	9.2.6	All	All	All
Application	lsc	Bind	9.2.6	rc1	All	All
Application	lsc	Bind	9.2.7	All	All	All
Application	lsc	Bind	9.2.7	rc1	All	All
Application	lsc	Bind	9.2.7	rc2	All	All
Application	lsc	Bind	9.2.7	rc3	All	All

Application	lsc	Bind	9.2.8	All	All	All
Application	lsc	Bind	9.2.9	All	All	All
Application	lsc	Bind	9.2.9	rc1	All	All
Application	lsc	Bind	9.3	All	All	All
Application	lsc	Bind	9.3.0	All	All	All
Application	lsc	Bind	9.3.0	b2	All	All
Application	lsc	Bind	9.3.0	b3	All	All
Application	lsc	Bind	9.3.0	b4	All	All
Application	lsc	Bind	9.3.0	rc1	All	All
Application	lsc	Bind	9.3.0	rc2	All	All
Application	lsc	Bind	9.3.0	rc3	All	All
Application	lsc	Bind	9.3.0	rc4	All	All
Application	lsc	Bind	9.3.1	All	All	All
Application	lsc	Bind	9.3.1	b2	All	All
Application	lsc	Bind	9.3.1	rc1	All	All
Application	lsc	Bind	9.3.2	All	All	All
Application	lsc	Bind	9.3.2	rc1	All	All
Application	lsc	Bind	9.3.3	All	All	All
Application	lsc	Bind	9.3.3	rc1	All	All
Application	lsc	Bind	9.3.3	rc2	All	All
Application	lsc	Bind	9.3.3	rc3	All	All
Application	lsc	Bind	9.3.4	All	All	All
Application	lsc	Bind	9.3.5	All	All	All
Application	lsc	Bind	9.3.5	p2_w1	All	All
Application	lsc	Bind	9.3.5	rc1	All	All
Application	lsc	Bind	9.3.5	rc2	All	All
Application	lsc	Bind	9.3.6	All	All	All
Application	lsc	Bind	9.3.6	rc1	All	All
Application	lsc	Bind	9.4	All	All	All
Application	lsc	Bind	9.4	All	All	All
Application	lsc	Bind	9.4	b1	All	All
Application	lsc	Bind	9.4	r1	All	All
Application	lsc	Bind	9.4	r2	All	All
Application	lsc	Bind	9.4	r3	All	All
Application	lsc	Bind	9.4	r4	All	All
Application	lsc	Bind	9.4	r4	All	All

Application	lsc	Bind	9.4	r4-p1	All	All
Application	lsc	Bind	9.4	r5	All	All
Application	lsc	Bind	9.4	r5-b1	All	All
Application	lsc	Bind	9.4	r5-p1	All	All
Application	lsc	Bind	9.4	r5-rc1	All	All
Application	lsc	Bind	9.4.0	All	All	All
Application	lsc	Bind	9.4.0	a1	All	All
Application	lsc	Bind	9.4.0	a2	All	All
Application	lsc	Bind	9.4.0	a3	All	All
Application	lsc	Bind	9.4.0	a4	All	All
Application	lsc	Bind	9.4.0	a5	All	All
Application	lsc	Bind	9.4.0	a6	All	All
Application	lsc	Bind	9.4.0	b1	All	All
Application	lsc	Bind	9.4.0	b2	All	All
Application	lsc	Bind	9.4.0	b3	All	All
Application	lsc	Bind	9.4.0	b4	All	All
Application	lsc	Bind	9.4.0	rc1	All	All
Application	lsc	Bind	9.4.0	rc2	All	All
Application	lsc	Bind	9.4.1	All	All	All
Application	lsc	Bind	9.4.2	All	All	All
Application	lsc	Bind	9.4.2	p2_w1	All	All
Application	lsc	Bind	9.4.2	rc1	All	All
Application	lsc	Bind	9.4.2	rc2	All	All
Application	lsc	Bind	9.4.3	All	All	All
Application	lsc	Bind	9.4.3	b1	All	All
Application	lsc	Bind	9.4.3	b2	All	All
Application	lsc	Bind	9.4.3	b3	All	All
Application	lsc	Bind	9.4.3	p1	All	All
Application	lsc	Bind	9.4.3	p2	All	All
Application	lsc	Bind	9.4.3	p3	All	All
Application	lsc	Bind	9.4.3	p4	All	All
Application	lsc	Bind	9.4.3	p5	All	All
Application	lsc	Bind	9.4.3	rc1	All	All
Application	lsc	Bind	9.5	All	All	All
Application	lsc	Bind	9.5.0	All	All	All
Application	lsc	Bind	9.5.0	a1	All	All

Application	lsc	Bind	9.5.0	a2	All	All
Application	lsc	Bind	9.5.0	a3	All	All
Application	lsc	Bind	9.5.0	a4	All	All
Application	lsc	Bind	9.5.0	a5	All	All
Application	lsc	Bind	9.5.0	a6	All	All
Application	lsc	Bind	9.5.0	a7	All	All
Application	lsc	Bind	9.5.0	b1	All	All
Application	lsc	Bind	9.5.0	b2	All	All
Application	lsc	Bind	9.5.0	b3	All	All
Application	lsc	Bind	9.5.0	p1	All	All
Application	lsc	Bind	9.5.0	p2	All	All
Application	lsc	Bind	9.5.0	p2_w1	All	All
Application	lsc	Bind	9.5.0	p2_w2	All	All
Application	lsc	Bind	9.5.0	rc1	All	All
Application	lsc	Bind	9.5.1	All	All	All
Application	lsc	Bind	9.5.1	b1	All	All
Application	lsc	Bind	9.5.1	b2	All	All
Application	lsc	Bind	9.5.1	b3	All	All
Application	lsc	Bind	9.5.1	rc1	All	All
Application	lsc	Bind	9.5.1	rc2	All	All
Application	lsc	Bind	9.5.2	All	All	All
Application	lsc	Bind	9.5.2	b1	All	All
Application	lsc	Bind	9.5.2	p1	All	All
Application	lsc	Bind	9.5.2	p2	All	All
Application	lsc	Bind	9.5.2	p3	All	All
Application	lsc	Bind	9.5.2	p4	All	All
Application	lsc	Bind	9.5.2	rc1	All	All
Application	lsc	Bind	9.5.3	b1	All	All
Application	lsc	Bind	9.5.3	rc1	All	All
Application	lsc	Bind	9.6	All	All	All
Application	lsc	Bind	9.6	r1	All	All
Application	lsc	Bind	9.6	r2	All	All
Application	lsc	Bind	9.6	r3	All	All
Application	lsc	Bind	9.6	r4	All	All
Application	lsc	Bind	9.6	r4_p1	All	All

Application	lsc	Bind	9.6	r5	All	All
Application	lsc	Bind	9.6	r5_b1	All	All
Application	lsc	Bind	9.6	r5_p1	All	All
Application	lsc	Bind	9.6	r6	All	All
Application	lsc	Bind	9.6	r6_b1	All	All
Application	lsc	Bind	9.6	r6_rc1	All	All
Application	lsc	Bind	9.6	r6_rc2	All	All
Application	lsc	Bind	9.6	r7	All	All
Application	lsc	Bind	9.6	r7_p1	All	All
Application	lsc	Bind	9.6	r7_p2	All	All
Application	lsc	Bind	9.6	r9	All	All
Application	lsc	Bind	9.6	r9_p1	All	All
Application	lsc	Bind	9.6.0	All	All	All
Application	lsc	Bind	9.6.0	a1	All	All
Application	lsc	Bind	9.6.0	b1	All	All
Application	lsc	Bind	9.6.0	p1	All	All
Application	lsc	Bind	9.6.0	rc1	All	All
Application	lsc	Bind	9.6.0	rc2	All	All
Application	lsc	Bind	9.6.1	All	All	All
Application	lsc	Bind	9.6.1	b1	All	All
Application	lsc	Bind	9.6.1	p1	All	All
Application	lsc	Bind	9.6.1	p2	All	All
Application	lsc	Bind	9.6.1	p3	All	All
Application	lsc	Bind	9.6.1	rc1	All	All
Application	lsc	Bind	9.6.2	All	All	All
Application	lsc	Bind	9.6.2	b1	All	All
Application	lsc	Bind	9.6.2	p1	All	All
Application	lsc	Bind	9.6.2	p2	All	All
Application	lsc	Bind	9.6.2	p3	All	All
Application	lsc	Bind	9.6.2	rc1	All	All
Application	lsc	Bind	9.6.3	All	All	All
Application	lsc	Bind	9.6.3	b1	All	All
Application	lsc	Bind	9.6.3	rc1	All	All
Application	lsc	Bind	9.7.0	All	All	All
Application	lsc	Bind	9.7.0	a1	All	All
Application	lsc	Bind	9.7.0	a2	All	All

Application	lsc	Bind	9.7.0	a2	All	All
Application	lsc	Bind	9.7.0	a3	All	All
Application	lsc	Bind	9.7.0	b1	All	All
Application	lsc	Bind	9.7.0	b2	All	All
Application	lsc	Bind	9.7.0	b3	All	All
Application	lsc	Bind	9.7.0	p1	All	All
Application	lsc	Bind	9.7.0	p2	All	All
Application	lsc	Bind	9.7.0	rc1	All	All
Application	lsc	Bind	9.7.0	rc2	All	All
Application	lsc	Bind	9.7.1	All	All	All
Application	lsc	Bind	9.7.1	b1	All	All
Application	lsc	Bind	9.7.1	p1	All	All
Application	lsc	Bind	9.7.1	p2	All	All
Application	lsc	Bind	9.7.1	rc1	All	All
Application	lsc	Bind	9.7.2	All	All	All
Application	lsc	Bind	9.7.2	p1	All	All
Application	lsc	Bind	9.7.2	p2	All	All
Application	lsc	Bind	9.7.2	p3	All	All
Application	lsc	Bind	9.7.2	rc1	All	All
Application	lsc	Bind	9.7.3	All	All	All
Application	lsc	Bind	9.7.3	b1	All	All
Application	lsc	Bind	9.8.0	All	All	All
Application	lsc	Bind	9.8.0	a1	All	All
Application	lsc	Bind	9.8.0	b1	All	All
Application	lsc	Bind	9.8.0	p1	All	All

Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		

References						
Reference					Source	
The Slackware Linux Project: Slackware Security Advisories					af854a3a-2127-422	
Ubuntu update for bind9 - Secunia.com					af854a3a-2127-422	
[SECURITY] Fedora 15 Update: bind-9.8.0-5.P2.fc15					af854a3a-2127-422	
hermes.opensuse.org/messages/8699912					af854a3a-2127-422	
Fedora update for bind - Secunia.com					af854a3a-2127-422	

FreeBSD update for bind - Secunia.com	af854a3a-2127-422
ISC BIND 9 Large RRSIG RRsets Remote Denial of Service Vulnerability	af854a3a-2127-422
Large RRSIG RRsets and Negative Caching can crash named Internet Systems Consortium	af854a3a-2127-422
BIND RRSIG RRsets Negative Caching Off-by-one Bug Lets Remote Users Deny Service - SecurityTracker	af854a3a-2127-422
SUSE update for bind - Secunia.com	af854a3a-2127-422
[SECURITY] Fedora 14 Update: bind-9.7.4-0.2.b1.fc14	af854a3a-2127-422
708301 – (CVE-2011-1910) CVE-2011-1910 bind: Large RRSIG RRsets and Negative Caching can crash named	af854a3a-2127-422
Debian -- Security Information -- DSA-2244-1 bind9	af854a3a-2127-422
APPLE-SA-2011-10-12-3 OS X Lion v10.7.2 and Security Update 2011-006	af854a3a-2127-422
security.freebsd.org/advisories/FreeBSD-SA-11:02.bind.asc	af854a3a-2127-422
Support	af854a3a-2127-422
FreeBSD update for bind - Secunia.com	af854a3a-2127-422
[SECURITY] Fedora 13 Update: bind-9.7.3-2.P1.fc13	af854a3a-2127-422
About the security content of OS X Lion v10.7.2 and Security Update 2011-006	af854a3a-2127-422
'[security bulletin] HPSBUX03235 SSRT101750 rev.1 - HP-UX Running BIND, Remote Denial of Service (DoS) - MARC	af854a3a-2127-422
US-CERT Vulnerability Note VU#795694 - ISC BIND named negative caching vulnerability	af854a3a-2127-422
osvdb.org/72540	af854a3a-2127-422
Slackware update for bind - Secunia.com	af854a3a-2127-422
Debian update for bind9 - Secunia.com	af854a3a-2127-422
Support / Security / Advisories // MDVSA-2011:104 Mandriva	af854a3a-2127-422
Red Hat update for bind and bind97 - Secunia.com	af854a3a-2127-422
ISC BIND Negative Caching RRSIG RRsets Denial of Service Vulnerability - Secunia.com	af854a3a-2127-422
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD



No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

