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1 Introduction

BIND 9.3-ESV-R4 is a maintenance release for BIND 9.4-ESV.

This document summarizes changes from BIND 9.4-ESV-R3 to BIND 9.4-ESV-R4. Please see the CHANGES file in the source code release for a complete list of all changes.

2 Download

The latest release of BIND 9 software can always be found on our web site at <http://www.isc.org/software/bind>. There you will find additional information about each release, source code, and some pre-compiled versions for certain operating systems.

3 Support

Product support information is available on <http://www.isc.org/services/support> for paid support options. Free support is provided by our user community via a mailing list. Information on all public email lists is available at <https://lists.isc.org/mailman/listinfo>.

4 New Features

4.1 9.4-ESV-R4

None.

5 Feature Changes

5.1 9.4-ESV-R4

None.

6 Security Fixes

6.1 9.4-ESV-R4

- Adding a NO DATA signed negative response to cache failed to clear any matching RRSIG records already in cache. A subsequent lookup of the cached NO DATA entry could crash named (INSIST) when the unexpected RRSIG was also returned with the NO DATA cache entry. [RT #22288] [CVE-2010-3613] [VU#706148]
- BIND, acting as a DNSSEC validator, was determining if the NS RRset is insecure based on a value that could mean either that the RRset is actually insecure or that there wasn't a matching key for the RRSIG in the DNSKEY RRset when resuming from validating the DNSKEY RRset. This can happen when in the middle of a DNSKEY algorithm rollover, when two different algorithms were used to sign a zone but only the new set of keys are in the zone DNSKEY RRset. [RT #22309] [CVE-2010-3614] [VU#837744]

7 Bug Fixes

7.1 9.4-ESV-R4

- `isc_print_vsnprintf()` failed to check if there was space available in the buffer when adding a left justified character with a non zero width, (e.g. "%-1c"). [RT #22270]
- win32: add more dependencies to BINDBuild.dsw. [RT #22062]

8 Thank You

Thank you to everyone who assisted us in making this release possible. If you would like to contribute to ISC to assist us in continuing to make quality open source software, please visit our donations page at <http://www.isc.org/supportisc>.