1 Release Notes for BIND Version 9.9.9-P5

1.1 Introduction

This document summarizes changes since BIND 9.9.9:

BIND 9.9.9-P5 addresses the security issues described in CVE-2016-9131, CVE-2016-9147 and CVE-2016-9444.

BIND 9.9.9-P4 addresses the security issue described in CVE-2016-8864.

BIND 9.9.9-P3 addresses the security issue described in CVE-2016-2776.

BIND 9.9.9-P2 addresses the security issue described in CVE-2016-2775.

BIND 9.9.9-P1 addresses Windows installation issues and a race condition in the rbt/rbtdb implementation resulting in named exiting due to assertion failures being detected.

1.2 Download

The latest versions of BIND 9 software can always be found at http://www.isc.org/downloads/. There you will find additional information about each release, source code, and pre-compiled versions for Microsoft Windows operating systems.

1.3 Security Fixes

- Named could mishandle authority sections that were missing RRSIGs triggering an assertion failure. This flaw is disclosed in CVE-2016-9444. [RT # 43632]

- Named mishandled some responses where covering RRSIG records are returned without the requested data resulting in a assertion failure. This flaw is disclosed in CVE-2016-9147. [RT #43548]

- Named incorrectly tried to cache TKEY records which could trigger a assertion failure when there was a class mismatch. This flaw is disclosed in CVE-2016-9131. [RT #43522]

- It was possible to trigger assertions when processing a response. This flaw is disclosed in CVE-2016-8864. [RT #43465]

- It was possible to trigger a assertion when rendering a message using a specially crafted request. This flaw is disclosed in CVE-2016-2776. [RT #43139]

- getrrsetbyname with a non absolute name could trigger an infinite recursion bug in lwresd and named with lwres configured if when combined with a search list entry the resulting name is too long. This flaw is disclosed in CVE-2016-2775. [RT #42694]

1.4 New Features

- None.

1.5 Feature Changes

- None.

1.6 Porting Changes

- None.

1.7 Bug Fixes

- Windows installs were failing due to triggering UAC without the installation binary being signed.

- A race condition in rbt/rbtdb was leading to INSISTs being triggered.

1.8 End of Life

BIND 9.9 (Extended Support Version) will be supported until December, 2017. https://www.isc.org/downloads/software-support-policy/

1.9 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/donate/.