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ISC

Open Source For an Open Internet
ISC Subscriber News

2024 Q3

Important updates for ISC's BIND 9, Kea DHCP, and ISC DHCP support subscribers.

US Government subscribers: if you require a [Secure Software Development Attestation](#) from ISC, please ask your sales representative or email us at info@isc.org. Both the BIND and Kea projects follow generally accepted best practices for security, including CVE reporting, continuous integration testing, coding standards, mandatory peer code reviews, and code signing.

BIND 9 DNS News

A new BIND 9.20 stable branch

BIND 9.20 was posted in July, after a particularly busy first half of the year spent working on remediations for multiple DNS CVEs. Going forward, we plan/hope to publish our new stable versions in the second quarter each year, and we have updated the [ISC Software Support Policy](#) to reflect that.

We released the first version of our **[9.21 development branch](#)** in August. This will eventually become the 9.22 stable branch; we encourage intrepid users to try it out in their testbeds and give us their feedback. As usual we are primarily focused on stability and maintenance, but we are also working on adding support for the new QUIC transport.

Further reading:

- [Blog from Ondřej Surý about BIND 9.20](#), including performance comparisons with earlier branches
- We have updated the knowledge base article on the [Umbrella Feature](#)
- An article on [Exempting broken domains in recursion](#) has been significantly updated

Kea/DHCP News

We released a maintenance update on our stable Kea branch, [Kea 2.6.1](#), in July, with a handful of bug fixes. We would love to hear feedback from any of you using the new ping check hook, or the new [hub-and-spoke](#) High Availability (HA) feature of Kea 2.6.

The Kea team is already working on the next stable version, which will be [Kea 3.0](#). We

We have already posted an announcement ticket for our Kea support customers about the proposed changes to client classification. Another major change to the Kea infrastructure is the planned removal of the Kea Control Agent. The control agent is sort of a proxy interface that provides a single point of contact for the Kea DHCPv4, DHCPv6, and DDNS daemons running on a machine. Following the removal of the control agent, the daemons will listen on (separate) IP addresses and ports for incoming connections, like most applications do. This move is intended to simplify communications. Both of these changes have been contemplated for some time but we have been postponing them because, even though we think they are warranted, the changes will be somewhat disruptive to our users. Kea 3.0 is planned for the second quarter of 2025.

Further reading:

- Changes to be aware of when migrating to Kea 2.6.0
- We have updated the KB article on Logging for ISC DHCP users.
- Those of you who use the Calix OSS may be interested in a technical paper they published on integrating with Kea (it is on their website, sorry it requires a login)

Stork News

Stork is still officially an experimental development project, but we are planning to release a stable version and begin offering professional support for Stork towards the end of this year. For current Kea Support Customers interested in adding Stork Support, please contact your Sales Representative for more information.
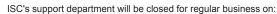
Further reading:

- We have a KB on Importing External Certificates to Stork
- We have recently updated the Stork Quickstart Guide
- For the curious, we have information on how to quickly install a Stork demo locally in the Stork ARM.

Support Ticketing System Updates

Did you know that you can now see the other members of your organization who have access to open and read your support tickets with ISC? If you login to https://support.isc.org, you will find it under the **Customer Info** menu at the top. This is also where you will find your Cloudsmith repo access token(s) and your current contract expiration date.

Upcoming Holiday Schedule for ISC Support

ISC's support department will be closed for regular business on:

- Monday, October 14
- Thursday and Friday, November 28 & 29
- December 25

Normal-priority tickets opened on those days will be responded to on the first business day following our return.

Critical-priority tickets will, as always, be responded to based on your organization's critical-ticket SLA. Please check our

Hope to see you soon!

ISC staff would love to meet you at any of these upcoming events:
[Calix ConneXions](#) - Las Vegas, Nevada: October 12-15, 2024
[NANOG 92](#) - Toronto, Canada: October 21-23, 2024
[DNS-OARC 43](#) - Prague, Czechia: October 26-27, 2024
[RIPE 89](#) - Prague, Czechia: October 28 - November 1, 2024
[IETF 121](#) - Dublin, Ireland: November 2 - 8, 2024

ISC staff members often give presentations at industry meetings and conferences. Presentation slides and recording links (when available) are posted at https://www.isc.org/presentations/.

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