BIND 9 Authoritative and Recursive DNS

Stable, Reliable Open Source DNS Software With Professional Support

BIND 9 is an open source, flexible, full-featured DNS system that supports both authoritative and recursive DNS operations. With BIND you can be sure you have a standards-compliant, interoperable DNS implementation.

ISC offers customers high-quality, professional support, including Advance Security Notifications. These alerts notify customers before vulnerabilities are announced to the public, allowing administrators to patch their systems before malicious actors can cause harm.

Users of Red Hat Enterprise Linux can download and install pre-compiled BIND packages that include all necessary dependencies, to simplify DNS management.

Executive summary

BIND 9 DNS software is used by technology companies, major financial institutions, manufacturers, retailers and other enterprises; universities, research labs and educational networks; Internet service providers and carriers; government agencies; and top-level domains around the world.

ISC’s professional support services and Advance Security Notifications help customers protect their critical infrastructure.

Product profile

As the first, oldest, and most commonly deployed DNS software, there are more network engineers who are already familiar with BIND 9 than with any other system. Our support team has years of experience assisting Red Hat administrators with their BIND instances.

BIND 9 is a native Linux application, certified for use with Red Hat Enterprise Linux.

Product benefits

BIND 9 offers users standards-compliant, universally interoperable, and professionally maintained software. All BIND 9 support customers receive the following benefits:

- **Advance Security Notifications (ASNs).** Administrators are notified up to five days before public announcements of vulnerabilities, allowing them to patch their servers and prevent malicious attacks.
- **3rd-level technical support.** Customers have access to ISC’s experienced engineers via email or phone; 7x24 service level agreements (SLAs) are available for customers with critical infrastructure needs.
- **Configuration reviews.** If desired, ISC engineers will perform BIND configuration audits and provide feedback and recommendations.
- **Access to private package repositories.** ISC offers customers pre-compiled RHEL packages with security patches before public announcements are made, to simplify installation and management.
- **Private on-site administrator training is available.**

In addition, the BIND 9 Subscription Edition includes non-standard features not available in the open source, including:

- **EDNS client-subnet identifier (ECS),** which can be used to provide customized answers for users from different subnets.
- **Cisco Umbrella integration,** a non-published API to send Umbrella a server identifier to enable custom filtering.

RHEL users can easily manage their network deployments of BIND with ISC’s pre-compiled packages.
“Organizations using BIND span the range from high-performance leading-edge technology and financial organizations to conservative, risk-averse banks, manufacturers, and retailers. We provide both stable and development BIND packages for RHEL users.”

Vicky Risk,  
Product Manager at ISC

Use cases

BIND 9 has evolved to be a very flexible, full-featured DNS system. Whatever the application, BIND 9 probably has the required features.

- Local, secure DNS Resolver for internal enterprise users to access the Internet safely.
- Public DNS Resolver for service provider subscribers.
- Domain name Authoritative server to publish internal and external domains and make them visible to either internal users or the open Internet.

Learn more

Company: Internet Systems Consortium, Inc.   Email: info@isc.org   www.isc.org

About ISC

Internet Systems Consortium, Inc. (ISC) is a non-profit organization dedicated to developing software and offering services in support of the Internet infrastructure. Founded in 1994, ISC develops and distributes three open source Internet networking software packages: BIND 9, ISC DHCP, and Kea DHCP. ISC also operates critical Internet infrastructure in the form of the F-Root server, one of the 13 Internet root name servers that power the global Internet.

About Red Hat

Red Hat is the world’s leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.