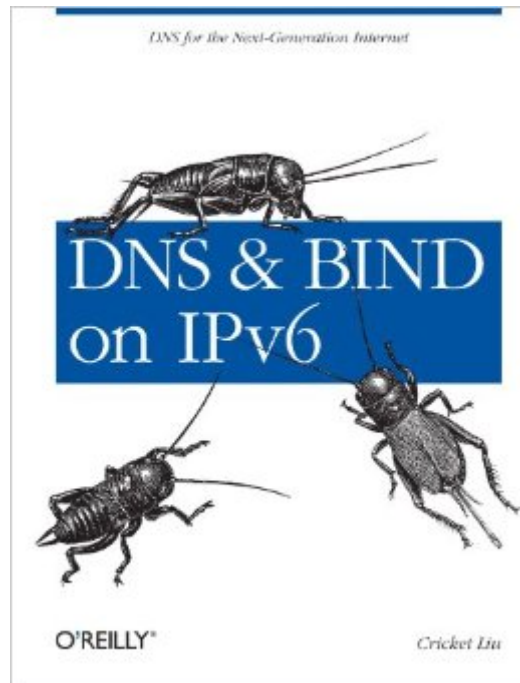


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# DNS And BIND On IPv6



## Synopsis

If you're preparing to roll out IPv6 on your network, this concise book provides the essentials you need to support this protocol with DNS. You'll learn how DNS was extended to accommodate IPv6 addresses, and how you can configure a BIND name server to run on the network. This book also features methods for troubleshooting problems with IPv6 forward- and reverse-mapping, and techniques for helping islands of IPv6 clients communicate with IPv4 resources. Topics include: DNS and IPv6

- Learn the structure and representation of IPv6 addresses, and the syntaxes of AAAA and PTR records in the ip6.arpa IPv6 reverse-mapping zone
- BIND on IPv6
- Use IPv6 addresses and networks in ACLs, and register and delegate to IPv6-speaking name servers
- Resolver Configuration
- Configure popular stub resolvers (Linux/Unix, MacOS X, and Windows) to query IPv6-speaking name servers
- DNS64
- Learn about the transition technology that allows clients with IPv6-only network stacks to communicate with IPv4 servers
- Troubleshooting
- Use the nslookup and dig troubleshooting tools to look up the IPv6 addresses of a domain name, or reverse-map an IPv6 address to a domain name

## Book Information

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## Customer Reviews

DNS & BIND on IPv6 is a short (37 pages e-book, 52 pages print) text that could be considered an IPv6 appendix to the author's book on DNS. It provides a brief introduction to IPv6 addressing, then moves directly into some of the new record types and configurations necessary to allow BIND to support IPv6. I would consider this a useful booklet for active BIND administrators. The information is

available elsewhere, particularly in the RFC's dealing with DNS and IPv6, but this is a much more convenient and succinct format. Background knowledge of DNS and the operation of BIND is assumed by the author, and the material would be far less useful without that foundation. Those with an interest in network security or design may also find this material of interest, although it does not directly address those areas. Overall a good resource from an authoritative source, you will have to decide whether the purchase price is justified for such a brief volume.

All in all very little content and too high level to be useful, it's more like a pamphlet than a book with only a few pages. Like most people in IT, I have a working knowledge of what IPv6 is but wanted the details on how an implementation works. This wasn't up to snuff; it's basically 30 bucks for a wikipedia entry, I ended up returning my copy. I'm not sure who the audience is for; it will be far too basic for most people in technology, but a novice or non-IT person wouldn't. Note this is not a dig against O'Reilly or the Author; just this particular book. I'd highly recommend DNS and Bind book from the same author, and have many many O'Reilly books. However this one has too little information to be useful, and costs as much as a full sized book. I'd recommend bumping up and buying a current edition of DNS and BIND; it costs about the same, from the same author, and will be a much better use of your time.-Jay

Calling this a book is misleading. The price is heavily inflated for the amount of material covered. I'll second one of the previous reviewers in saying that I should have checked the content length a bit more closely before purchasing. You are better off looking up the necessary information on the web.

This is not a book. You can see in my photo that it's not even half as thick as my finger. It is 25 pages of a really roundabout way of saying "IPv6 carries over to DNS" in every paragraph-long "section" of every two-pages-long "chapter". Don't buy it. It sure isn't worth twenty five United States dollars, and it's terribly disingenuous of everyone in the production pipeline for creating it and trying to pass it off as a legitimate book worth the price you'll pay.

Cricket Liu's small book is an important part of that I needed to know. I knew I had a learning curve when I decided to stop ignoring IPV6. Not just the basic configuration but name resolution for my bind servers. Bind & DNS on IPv6 provides a concise treatment of what I needed to know for the bind related portion of my IPv6 implementation. I know I could dig this up with googling RFC's, but it was nice to have what I needed in one place and with context and explanation. I found the author's

explanation in the forward up-front and put the small size and focus of this book as an effective addendum to his main book on DNS & Bind. In this the book met it's goals very well and deserves 5 stars.

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