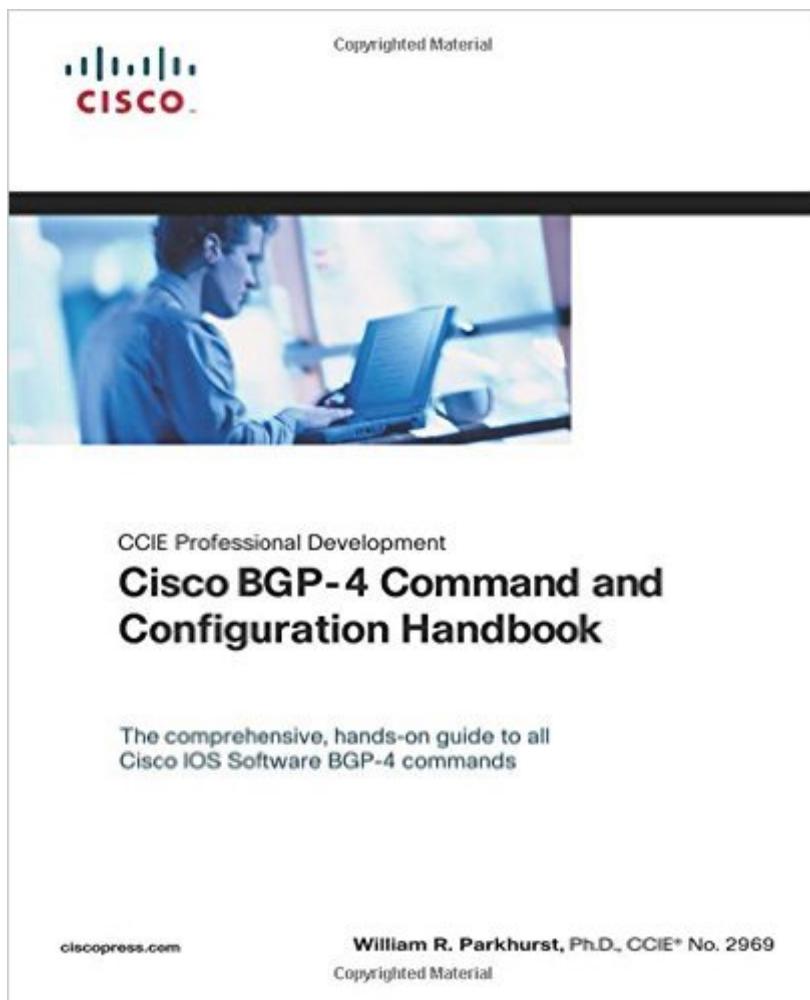


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# Cisco BGP-4 Command And Configuration Handbook



## Synopsis

The comprehensive, hands-on guide to all Cisco IOS(r) Software BGP-4 commands The complete BGP-4 command reference invaluable for network designers, engineers, and architects Provides configuration, troubleshooting, and verification scenarios for every possible BGP-4 command supported by Cisco IOS Software that can be implemented on a minimum number of routers Groups BGP-4 commands by area of implementation route aggregation, auto-summary, route filtering, and route advertisement, just to name a few Provides clear and concise commentary on the initial release, purpose, syntax, and usage of each BGP-4 command Offers excellent CCIE certification preparation from one of the CCIE Program Managers Includes supplementary information on regular expressions, route map logic, and RFC 1771, A Border Gateway Protocol 4 (BGP-4) Cisco BGP-4 Command and Configuration Handbook is an exhaustive practical reference to the commands contained within BGP-4. For each command/subcommand, author Bill Parkhurst explains the intended use or function and how to properly configure it. Then he presents scenarios to demonstrate every facet of the command and its use, along with appropriate show and debug commands. Through the discussion of functionality and the scenario-based configuration examples, Cisco BGP-4 Command and Configuration Handbook will help you gain a thorough understanding of the practical side of BGP-4.

## Book Information

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## Customer Reviews

If you start with BGP you can read Doyle's Routing TCP/IP vol II. For the complete picture and also

if you are a beginner, read Halabi's Internet Routing Architecture 2nd edition (if to choose one, buy this last) If you already practice BGP and want to achieve the "BGP's state of the art", buy Parkhurst's BGP-4 Command and configuration handbook. This is NOT a command reference book which are very unuseful. Although Cisco is doing efforts with their web site, it's missing many explanations on commands. It is never as good as this book that contains a lot of examples for illustrating the why and how.

BGP resources (in print at least) are few and far between. This book presents a much needed tool in the day to day configuration and maintenance of THE routing protocol - BGP. It is for cisco people only - but Juniper have also got some good docs on their web site....so check them out. Overall a great book - use with Halabi's 'Internet Routing Architectures' and Jeff Doyles 'Routing TCP/IP Vol 2'

This is the new definitive BGP book by Cisco. It is more in depth than Internet Routing Architectures and covers very specific and practical examples on how to properly configure BGP. The nice thing about this book is that it does cover theory, but does not get bogged down in it. You could easily take this book with you to work and set up community strings, peer-groups and load balance BGP with this at your desk. It's Very specific, has very practical examples and is a must if you work with BGP and are striving for CCNP/CCIE...4 stars. A must have in any Network Engineer's library.

This book has 1 to 4 lab exercises for every BGP command using a minimum number of routers. If you are preparing for the CCIE lab this book can guarantee that you shouldn't miss any BGP questions.

BGP isn't easy. No book is ever going to change that, but this book comes close. Commands and all of the parameters are explained, with good examples. If you want to be able to accomplish something, or want to understand what someone else was doing/thinking when they coded some line in the configuration, then this book is for you. I'm probably going to have to hide it from my colleagues, in order to avoid someone taking it on an anonymous "loan".

I have read it and decided to share my thoughts. Basically it gives you all the BGP commands and how to use them. It's a great resource to learn from or to help with using it in the real world. All the BGP commands and examples you need in one location. A must read for CCIE prep. You can't beat

that.

It is a book that helps you understand what BGP commands do. It will not give you real live BGP designs (Internet Routing Architectures from Sam Halabi is much better for this). I have found many errors, try to find 2nd edition if available. Or you can take it as CCIE lab practice "Find errors and get ready for troubleshooting" :-))

The good thing about this book is that with 2 or three routers you can verify the configurations presented in the book. Then it is easy to see the errors. And there are lots of errors in this book. Most of them are just simple errors that any CCNA could find; example: four loopbacks configured loopback0-3, show ip route: loopback1-4, not big errors, but confusing. Also many times routers are mixed up in the configuration and the show commands. Example: a show command on router A displays information that must be from router C. etc..I like this book very much, but it is getting a little bit unreadable because of the corrections I made :)The strange thing is that there is no errata on the ciscopress site for this book.3 stars because of the errors, otherwise 4,5

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