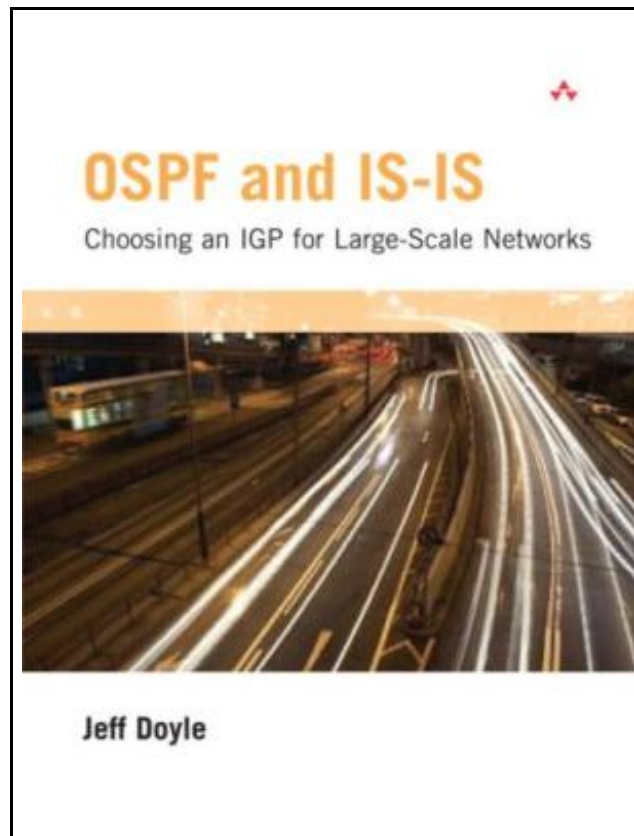# OSPF and IS-IS: Choosing an IGP for Large-Scale Networks

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Reviews

Basically no words to clarify. Of course, it is perform, still an amazing and interesting literature. Its been printed in an exceptionally basic way which is only soon after i finished reading through this ebook where actually altered me, change the way i really believe.
(Newton Runolfsson)

OSPF AND IS-IS: CHOOSING AN IGP FOR LARGE-SCALE NETWORKS

Pearson Education (US), United States, 2005. Paperback. Book Condition: New. 231 x 173 mm. Language: English . Brand New Book. The practical guide to large-scale networking with OSPF and IS-IS This is the definitive guide to using OSPF and IS-IS protocols in large-scale IP enterprise, carrier, and service provider networks. Well-known network designer Jeff Doyle draws on his consulting experience, offering realistic advice and straight answers on every aspect of working with link-state protocols--from scalability, reliability, and security to area design and database synchronization. This book is organized to help network engineers and architects compare OSPF and IS-IS. One feature at a time, Doyle first demonstrates how a topic or feature is implemented in OSPF, and then walks through a similar implementation using IS-IS. Professionals who are relatively new to large-scale networking will welcome his practical introduction to the concepts, goals, and history of link state protocols.Coverage includes * Understanding message types, encapsulation, architecture, LSAs, and LSPs * Optimizing addressing, neighbor discovery, adjacencies, and router designation * Improving scalability: controlling the scope of flooding, link state database size, SPF calculation efficiency, and much more * Designing and operating large-scale networks for maximum security and reliability * Hardening networks to thwart attacks against routing protocols * Comparing OSPF and IS-IS extensibility * Utilizing extensions for MPLS-based traffic engineering, IPv6, and multi-topology routing * Troubleshooting OSPF and IS-IS log entries, debug output, and LS databases Doyle s thorough explanations, end-of-chapter review questions, and many wide-ranging examples for both Cisco s IOS and Juniper s JUNOS also make this book an exceptional resource for anyone pursuing a CCIE or JNCIE certification. A(c) Copyright Pearson Education. All rights reserved.

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