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

By Jeff Doyle

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...

READ ONLINE
[1.94 MB]

Reviews

Merely no words and phrases to describe. I am quite late in start reading this one, but better then never. I found out this ebook from my i and dad encouraged this pdf to find out.
-- *Hyman Auer*

I actually started out looking over this publication. It can be writter in easy phrases and never difficult to understand. Your lifestyle span will probably be transform as soon as you comprehensive looking over this ebook.
-- *Prof. Dayne Crist Sr.*