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Collana	Wiley series in communications networking & distributed systems
Altri autori (Persone)	Van der VenJan Anton Bernal
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Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	0.1 Motivation -- 0.2 Book audience -- 0.3 Book structure -- 1 Dealing with routes within the router -- 1.1 Intrarouter Route handling Features in JUNOS Software -- 1.2 RIB Route Advertisement at MPLS VPNs -- 1.3 Directing traffic to forwarding tables -- 1.4 Case Study -- Bibliography -- 2 Link-State IGP migrations -- 2.1 Link-state IGP hierarchical migrations -- 2.2 Link-state IGP domain migrations -- 2.3 Case Study -- Bibliography -- 3 BGP Migrations -- 3.1 Motivations for BGP migrations -- 3.2 Considerations for BGP migrations -- 3.3 Generic strategies for BGP migrations -- 3.4 JUNOS Software implementation of BGP -- 3.5 Resources for JUNOS Software BGP migrations -- 3.6 Case study -- Bibliography -- 4 MPLS Label Distributions migrations -- 4.1 Motivations for MPLS Label Distribution migrations -- 4.2 Considerations for MPLS Label Distribution migrations -- 4.3 Generic strategies for an MPLS label distribution protocol migration -- 4.4 Resources for an MPLS label distribution protocol migration -- 4.5 Case

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-- 5.4 JunOS implementation of L3 VPNs -- 5.5 Resources for L3 VPN
migrations -- 5.6 Case Study -- Bibliography

Sommario/riassunto

This book provides a complete reference to network mergers and migrations using the Junos operating system Network Mergers and Migrations provides readers with a comprehensive guide for network migration activities by detailing a variety of internetworking case studies. Both enterprise and service provider scenarios are examined based on the experience and expertise of two senior Juniper Networks engineers. From MPLS Layer 3 VPN migration approaches to comprehensive network protocol consolidation and integration, each case study covers planning, design and implementation, as well as discussing alternatives and leveraging additional specific services and Junos resources, to ensure successful completion at each migration phase. These case studies are complemented with solid state-of-the-art protocol analysis and with practical application notes focused on specific functionalities. Readers are shown, not told, how to accomplish one of the more critical tasks of modern day networking / merging two or more networks or migrating one into the other. This is a book that truly describes the challenges that involve networks in modern environments, in both enterprise and service provider milieus. Key Features: . Provides an invaluable reference for engineers needing to upgrade networks, consolidate activities, or deploy new features or services.. Contains case studies and application notes of network migrations, moving well beyond theoretical technology descriptions.. Offers advanced techniques from engineers who have planned, designed, and accomplished complicated internetwork migrations, offering lessons learned from their success stories and pitfall situations.. Covers specific Junos resources for routing tables, link-state interior gateway protocols, BGP, MPLS label distribution protocols, MPLS Layer 3 VPN and many more Junos related features and functionalities Network Mergers and Migrations will be of immense interest to network engineers, network designers, architects, and operators, as well as network planners and consultants. Networking engineering students will discover a treasure trove of real-world scenarios and solutions and the book is additional recommended reading for students pursuing Juniper Networks Technical Certification Programs.
