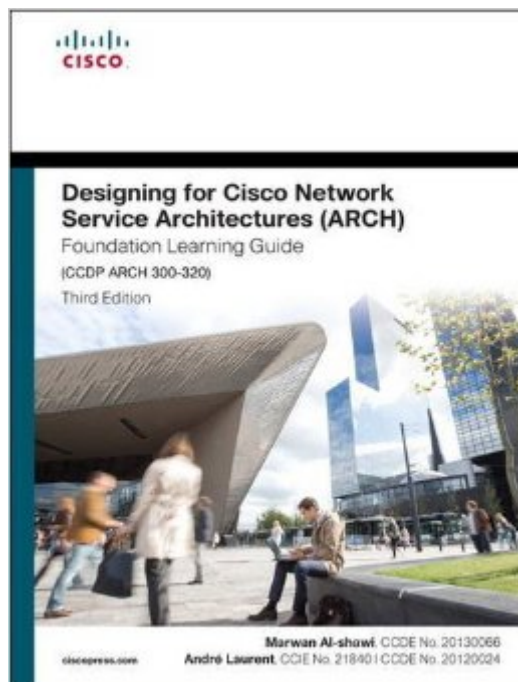# Designing For Cisco Network Service Architectures (ARCH) Foundation Learning Guide: CCDP ARCH 300-320 (4thEdition) (Foundation Learning Guides)

Synopsis

This is Cisco's authorized, self-paced, foundation learning tool for the latest version of the Cisco Designing Network Service Architectures (ARCH 300-301) exam, now required for CCDP certification. It presents a structured and modular approach to designing networks that are scalable, resilient, offer outstanding performance and availability, and have well-defined failure domains. In this entirely new Fourth Edition, Marwan Al-shawi and Andre Laurent guide you through performing the conceptual, intermediate, and detailed design of a modern network infrastructure. You'll learn how to create designs that support a wide variety of high-value network solutions over intelligent network services. Closely following the newest CCDP ARCH exam requirements, the authors discuss routing and switching designs of campus and enterprise networks in detail, including data center and wireless networks. Coverage includes: Enterprise IGP and BGP connectivity Wide Area Network (WAN) design Enterprise network to data center integration Designing enterprise security services Designing QoS for enterprise networks Designing large-scale IPv6 networks Designing IP Multicast for the enterprise Software Defined Networking (SDN) for the enterprise   As a Foundation Learning Guide, this book fully reflects the content of the newest Cisco CCDP ARCH course. Real-world scenarios illustrate key concepts; chapter learning objectives and summaries help focus study; and review questions help readers assess their knowledge.

Book Information

Series: Foundation Learning Guides

Hardcover: 800 pages

Publisher: Cisco Press; 4 edition (January 9, 2017)

Language: English

ISBN-10: 158714462X

ISBN-13: 978-1587144622

Product Dimensions: 7.4 x 2.8 x 9.1 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Best Sellers Rank: #833,289 in Books (See Top 100 in Books)   #217 in Books > Computers & Technology > Certification > Cisco   #557 in Books > Computers & Technology > Networking & Cloud Computing > Networks, Protocols & APIs > Networks   #1041 in Books > Textbooks > Computer Science > Networking

Designing for Cisco Network Service Architectures (ARCH) Foundation Learning Guide: CCDP ARCH 300-320 (4thEdition) (Foundation Learning Guides) Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide: Foundation learning for the ROUTE 642-902 Exam (Foundation Learning Guides) Implementing Cisco IP Switched Networks (SWITCH) Foundation Learning Guide: Foundation learning for SWITCH 642-813 (Foundation Learning Guides) Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide: (CCNP ROUTE 300-101) (Foundation Learning Guides) Implementing Cisco IP Telephony and Video, Part 1 (CIPTV1) Foundation Learning Guide (CCNP Collaboration Exam 300-070 CIPTV1) (3rd Edition) (Foundation Learning Guides) The Food Service Professional Guide to Controlling Restaurant & Food Service Operating Costs (The Food Service Professional Guide to, 5) (The Food Service Professionals Guide To) The Food Service Professional Guide to Controlling Restaurant & Food Service Food Costs (The Food Service Professional Guide to, 6) (The Food Service Professionals Guide To) Network Marketing Success Blueprint: Go Pro in Network Marketing: Build Your Team, Serve Others and Create the Life of Your Dreams (Network Marketing ... Scam Free Network Marketing) (Volume 1) Designing Addressing Architectures for Routing and Switching (MacMillan Network Architecture & Development) Civil Service Exam Secrets Study Guide: Civil Service Test Review for the Civil Service Examination (Mometrix Secrets Study Guides) Cisco Self-Study: Building Cisco Metro Optical Networks (METRO) CISCO ATM Solutions: Master ATM Implementation of Cisco Networks Cisco CCNA Networking for Beginners: The Ultimate Beginners Crash Course to Learn Cisco Quickly and Easily Cisco CCENT Networking for Beginners: The Ultimate Beginners Crash Course to Learn Cisco Quickly and Easily Jesus Teaches Us Not to Worry (Arch Book) (Arch Books) Network Marketing For Introverts: Guide To Success For The Shy Network Marketer (network marketing, multi level marketing, mlm, direct sales) Deep Learning: Recurrent Neural Networks in Python: LSTM, GRU, and more RNN machine learning architectures in Python and Theano (Machine Learning in Python) Food Service Menus: Pricing and Managing the Food Service Menu for Maximun Profit (The Food Service Professional Guide to Series 13) Network Marketing: Network Marketing Recruiting for Facebook: How to Find People to Talk to and What to Say When You Do (MLM Recruiting, Direct Sales, Network Marketing, Home Business) Network Marketing : How To Recruit Prospect Step By Step From Newbies To Professional in network marketing: network marketing, multiple marketing, MLM, ... Step from Newbies to Professional Book 5)