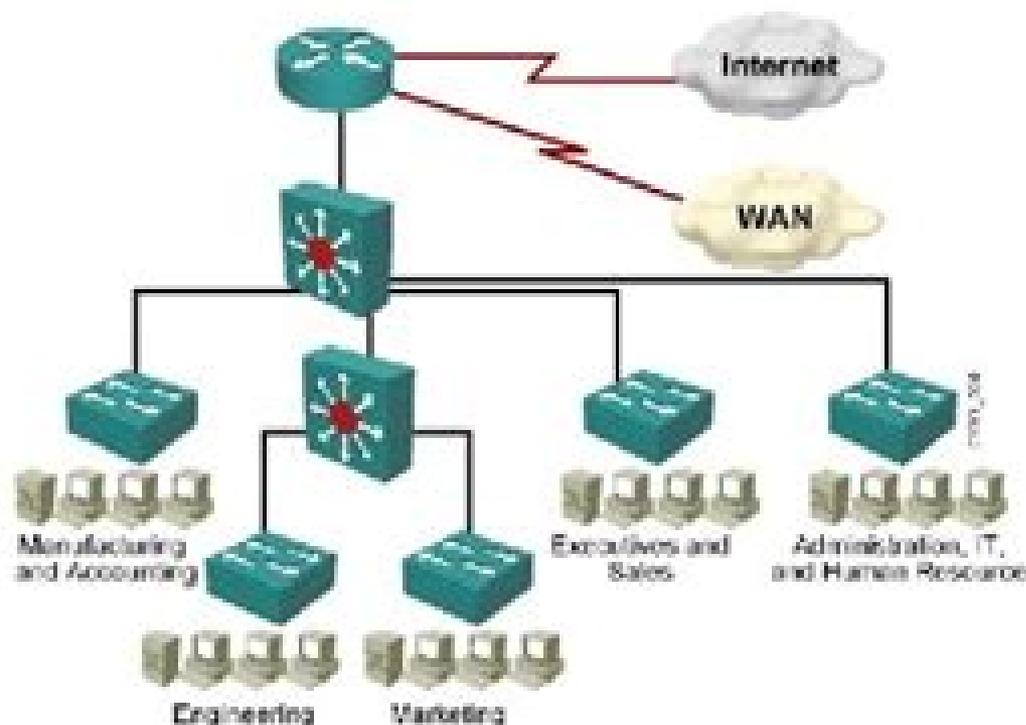


# Multilayer Switching

- **Combined functionality**
  - Layer 2 switching
  - Layer 3 switching
  - Layer 4 switching
- **Low latency**
- **High-speed scalability**



# Building Cisco Multilayer Switching Networks

**B Lingard**



## **Building Cisco Multilayer Switching Networks:**

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Switch/Router Architectures James Aweya, 2019-11-18 Crossbar switch fabrics offer many benefits when designing switch routers This book discusses switch router architectures using design examples and case studies of well known systems that employ crossbar switch fabric as their internal interconnects This book looks to explain the design of switch routers from a practicing engineer s perspective It uses a broad range of design examples to illustrate switch router designs and provides case studies to enhance readers comprehension of switch router architectures The book goes on to discuss industry best practices in switch router design and explains the key features and differences between unicast and multicast packet forwarding architectures This book will be of benefit to telecoms networking industry professionals and engineers as well as researchers and academics looking for more practical and efficient approaches for designing non blocking crossbar switch fabrics

*CCNP 3* Wayne Lewis, Cisco Systems, Inc, 2005 Maps to most current version of the CCNP 3 Multilayer Switching online course Helps prepare the student for the CCNP BCMSN certification exam Written by expert instructors within the Networking Academy

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**Cisco Secure Internet Security Solutions** Andrew G. Mason, Mark J. Newcomb, 2001 Annotation nbsp Essential security strategies using Cisco s complete solution to network security The only book to cover interoperability among the Cisco Secure product family to provide the holistic approach to Internet security The first book to provide Cisco proactive solutions to common Internet threats A source of industry ready pre built configurations for the Cisco Secure product range Cisco Systems strives to help customers build secure internetworks through network design featuring its Cisco Secure product family At present no available publication deals with Internet security from a Cisco perspective Cisco Secure Internet Security Solutions covers

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CCNP Routing Exam Prep Robert Eugene Larson,Bob Larson,Corwin S. Low,Paulden Rodriguez,2000 This guide covers the required criteria needed to pass the new Cisco CCNP Routing Exam It provides readers with the necessary hands on and lab practice necessary to not only pass the exam but also to take what is needed into the real world CD ROM insures readers have the most current study material available

The National Guide to Educational Credit for Training Programs American Council on Education,2005 Highlights over 6 000 educational programs offered by business labor unions schools training suppliers professional and voluntary associations and government agencies

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