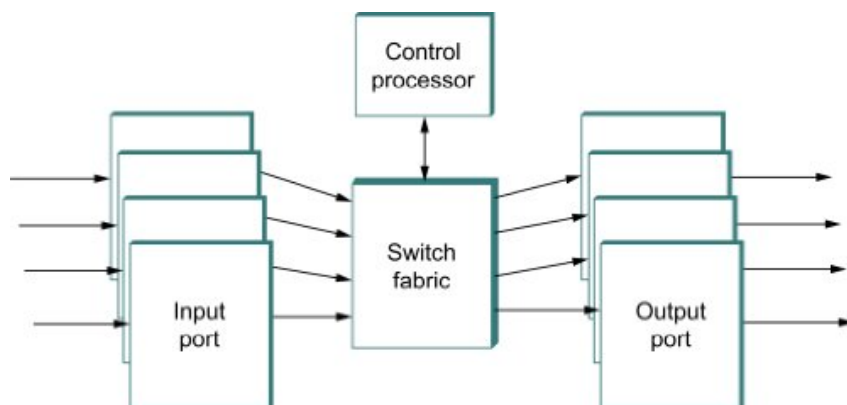


# [PDF] Computer Networks, Fifth Edition: A Systems Approach (The Morgan Kaufmann Series In Networking)

Larry L. Peterson, Bruce S. Davie - pdf download free book



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## Description:

*Computer Networks: A Systems Approach, Fifth Edition*, explores the key principles of computer networking, with examples drawn from the real world of network and protocol design. Using the

Internet as the primary example, this best-selling and classic textbook explains various protocols and networking technologies. The systems-oriented approach encourages students to think about how individual network components fit into a larger, complex system of interactions.

This book has a completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, including P2P, wireless, network security, and network applications such as e-mail and the Web, IP telephony and video streaming, and peer-to-peer file sharing. There is now increased focus on application layer issues where innovative and exciting research and design is currently the center of attention. Other topics include network design and architecture; the ways users can connect to a network; the concepts of switching, routing, and internetworking; end-to-end protocols; congestion control and resource allocation; and end-to-end data.

Each chapter includes a problem statement, which introduces issues to be examined; shaded sidebars that elaborate on a topic or introduce a related advanced topic; What's Next? discussions that deal with emerging issues in research, the commercial world, or society; and exercises.

This book is written for graduate or upper-division undergraduate classes in computer networking. It will also be useful for industry professionals retraining for network-related assignments, as well as for network practitioners seeking to understand the workings of network protocols and the big picture of networking.

- Completely updated content with expanded coverage of the topics of utmost importance to networking professionals and students, including P2P, wireless, security, and applications
  - Increased focus on application layer issues where innovative and exciting research and design is currently the center of attention
  - Free downloadable network simulation software and lab experiments manual available
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