

The Illustrated Network

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The Illustrated journal of the Patent Office
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Online Marketing Handbook
High Fidelity & Audiocraft
Enterprise Networking for Information Systems Professionals
Satellites Packets and Distributed Telecommunications : A Compendium of Source Materials
Internet Cryptography
ATM Network Resource Management
Fundamentals of Heat Pipes
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in 1994 w richard stevens and addison wesley published a networking classic tcp ip illustrated the model for that book was a brilliant unfettered approach to networking concepts that has proven itself over time to be popular with readers of beginning to intermediate networking knowledge the illustrated network takes this time honored approach and modernizes it by creating not only a much larger and more complicated network but also by incorporating all the networking advancements that have taken place since the mid 1990s which are many this book takes the popular stevens approach and modernizes it employing 2008 equipment operating systems and router vendors it presents an illustrated explanation of how

tcp ip works with consistent examples from a real working network configuration that includes servers routers and workstations diagnostic traces allow the reader to follow the discussion with unprecedented clarity and precision true to the title of the book there are 330 diagrams and screen shots as well as topology diagrams and a unique repeating chapter opening diagram illustrations are also used as end of chapter questions a complete and modern network was assembled to write this book with all the material coming from real objects connected and running on the network not assumptions presents a real world networking scenario the way the reader sees them in a device agnostic world doesn t preach one platform or the other here are ten key differences between the two stevens goralski s older operating systems aix svr4 etc newer oss xp linux freebsd etc two routers cisco telebit obsolete two routers m series j series slow ethernet and slip link fast ethernet gigabit ethernet and sonet sdh links modern tcpdump for traces newer better utility to capture traces ethereal now has a new name no ipsec ipsec no multicast multicast no router security discussed firewall routers detailed no full browser html consideration no ipv6 ipv6 overview few configuration details more configuration details ie ssh ssl mpls atm fr consideration wireless lans ospf and bgp routing protocols new modern approach to popular topic adopts the popular stevens approach and modernizes it giving the reader insights into the most up to date network equipment operating systems and router vendors shows and tells presents an illustrated explanation of how tcp ip works with consistent examples from a real working network configuration that includes servers routers and workstations allowing the reader to follow the discussion with unprecedented clarity and precision over 330 illustrations true to the title there are 330 diagrams screen shots topology diagrams and a unique repeating chapter opening diagram to reinforce concepts based on actual networks a complete and modern network was assembled to write this book with all the material coming from real objects connected and running on the network bringing the real world not theory into sharp focus

the illustrated network how tcp ip works in a modern network second edition presents an illustrated explanation on how tcp ip works using consistent examples from a working network configuration that includes servers routers and workstations diagnostic traces allow the reader to follow the discussion with unprecedented clarity and precision true to its title there are 330 diagrams and screenshots as well as topology diagrams and a unique repeating chapter opening diagram illustrations are also used as end of chapter questions based on examples of a complete and modern network all the material comes from real objects connected and running on the network the book emphasizes the similarities across

all networks since all share similar components from the smallest lan to the global internet layered protocols are the rule and all hosts attached to the internet run certain core protocols to enable their applications to function properly this second edition includes updates throughout along with four completely new chapters that introduce developments that have occurred since the publication of the first edition including optical networking cloud concepts and vxlan gives the reader insights into the most up to date network equipment operating systems and router vendors presents an illustrated explanation on how tcp ip works with consistent examples from a working network configuration that includes servers routers and workstations contains over 330 illustrations screen shots topology diagrams and a unique repeating chapter opening diagram to reinforce concepts

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