

<<网络协议手册>>

图书基本信息

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内容概要

本书纵观网络协议，阐释和总结了所有常用网络通信协议，包括TCP/IP， security, VoIP, WAN， LANMAN， SAN等。本书也囊括了Cisco， Novell， IBM, Microsoft, Apple等厂商的网络协议。这本书可供信息技术和网络专业人员作为参考书和手册，也可供高校相关专业的学生作为参考。

书籍目录

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1 OSI Network Architecture 7?Layer Model TCP/IP 4?Layer Architecture Model Other Network Architecture Models: IBM SNA Network Protocol: Definition and Overview Protocols Guide TCP/IP Protocols Application Layer Protocols BOOTP: Bootstrap Protocol DCAP: Data Link Switching Client Access Protocol DHCP: Dynamic Host Configuration Protocol DNS: Domain Name System (Service) Protocol FTP: File Transfer Protocol Finger: User Information Protocol HTTP: Hypertext Transfer Protocol S?HTTP: Secure Hypertext Transfer Protocol IMAP and IMAP4: Internet Message Access Protocol (version 4) IRC: Internet Relay Chat Protocol LDAP: Lightweight Directory Access Protocol (version 3) MIME (S?MIME): Multipurpose Internet Mail Extensions and Secure MIME NAT: Network Address Translation NNTP: Network News Transfer Protocol NTP: Network Time Protocol POP and POP3: Post Office Protocol (version 3) rlogin: Remote Login in UNIX Systems RMON: Remote Monitoring MIBs (RMON1 and RMON2) SLP: Service Location Protocol SMTP: Simple Mail Transfer Protocol SNMP: Simple Network Management Protocol SNMPv1: Simple Network Management Protocol (version 1) SNMPv2: Simple Network Management Protocol (version 2) SNMPv3: Simple Network Management Protocol (version 3) SNTP: Simple Network Time Protocol TELNET: Terminal Emulation Protocol of TCP/IP TFTP: Trivial File Transfer Protocol URL: Uniform Resource Locator Whois (and RWhois): Remote Directory Access Protocol X Window/X Protocol: X Window System Protocol Presentation Layer Protocol LPP: Lightweight Presentation Protocol Session Layer Protocol RPC: Remote Procedure Call Protocol Transport Layer Protocols ITOT: ISO Transport Service on Top of TCP RDP: Reliable Data Protocol RUDP: Reliable User Datagram Protocol (Reliable UDP) TALI: Tekelec?s Transport Adapter Layer Interface TCP: Transmission Control Protocol UDP: User Datagram Protocol Van Jacobson: Compressed TCP Protocol Network Layer Protocols Routing Protocols BGP(BGP?4): Border Gateway Protocol EGP: Exterior Gateway Protocol IPv4: Internet Protocol (version 4) IPv6: Internet Protocol (version 6) ICMP and ICMPv6: Internet Control Message Protocol and ICMP(version 6) IRDP: ICMP Router Discovery Protocol Mobile IP: IP Mobility Support Protocol for IPv4 and IPv NARP: NBMA Address Resolution Protocol NHRP: Next Hop Resolution Protocol OSPF: Open Shortest Path First Protocol (version 2) RIP: Routing Information Protocol (RIP2) RIPng: Routing Information Protocol Next Generation for IPv RSVP: Resource ReSerVation Protocol VRRP: Virtual Router Redundancy Protocol Multicast Protocols BGMP: Border Gateway Multicast Protocol DVMRP: Distance Vector Multicast Routing Protocol IGMP: Internet Group Management Protocol MARS: Multicast Address Resolution Server MBGP: Multiprotocol BGP MOSPF: Multicast Extensions to OSPF MSDP: Multicast Source Discovery Protocol MZAP: Multicast?Scope Zone Announcement Protocol PGM: Pragmatic General Multicast Protocol PIM?DM: Protocol Independent Multicast?Dense Mode PIM?SM: Protocol Independent Multicast?Sparse Mode MPLS Protocols MPLS: Multiprotocol Label Switching CR?LDP: Constraint?Based Label Distribution Protocol LDP: Label Distribution Protocol RSVP?TE: Resource ReSerVation Protocol?Traffic Engineering Data Link Layer Protocols ARP and InARP: Address Resolution Protocol and Inverse ARP IPCP and IPv6CP: IP Control Protocol and IPv6 Control Protocol RARP: Reverse Address Resolution Protocol SLIP: Serial Line IP Network Security Technologies and Protocols AAA Protocols Kerberos: Network Authentication Protocol RADIUS: Remote Authentication Dial In User Service SSH: Secure Shell Protocol Tunnelling Protocols Voice over IP and VoIP Protocols Media/CODEC Wide Area Network and WAN Protocols Broadband Access Protocols Point?to?Point Protocols Other WAN Protocols Local Area Network and LAN Protocols Wireless LAN Protocols Metropolitan Area Network and MAN Protocols Storage Area Network and SAN Protocols ISO Protocols in OSI 7?Layer Reference Model Cisco Protocols Novell NetWare and Protocols IBM Systems Network Architecture (SNA) and Protocols AppleTalk: Apple Computer Protocols Suite DECnet and Protocols SS/C7 Protocol Suite: Signalling System#7 for Telephony Signalling Other Protocols Network Protocols

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