

★因特网服务提供者 ISP (Internet Service Provider)

★IXP (Internet eXchange Point)

★万维网 WWW (World Wide Web)

C/S (Client/Server)

★对等连接 P2P (peer-to-peer)

远景研究规划局 ARPA (Advanced Research Project Agency)

中国教育和科研计算机网 CERNET (China Education and Research Network)

中国互联网络信息中心 CNNIC (Network Information Center of China)

★广域网 WAN (Wide Area Network)

城域网 MAN (Metropolitan Area Network)

★局域网 LAN (Local Area Network)

个人区域网 PAN (Personal Area Network)

接入网 AN (Access Network)

服务访问点 SAP (Service Access Point)

屏蔽双绞线 STP (Shielded Twisted Pair)

无屏蔽双绞线 UTP (Unshielded Twisted Pair)

ISM(Industrial Scientific Medical)

频分复用 FDM(Frequency Division Multiplexing)

时分复用 TDM(Time Division Multiplexing)

统计时分复用 STDM(Statistic TDM)

波分复用 WDM(Wavelength Division Multiplexing)

码分复用 CDM(Code Division Multiplexing)

★码分多址 CDMA (Code Division Multiple Access)

同步光纤网 SONET (Synchronous Optical Network)

同步传送信号 STS (Synchronous Transport Signal)

光载波 OC(Optical Carrier)

同步数字系列 SDH (Synchronous Digital Hierarchy)

数字用户线 DSL (Digital Subscriber Line)

非对称数字用户线 ADSL (Asymmetric Digital Subscriber Line)

高速数字用户线 HDSL (High speed DSL)

1 对线的数字用户线 SDSL (Single-line DSL)

甚高速数字用户线 VDSL (Very high speed DSL)

速率自适应 RADSL (Rate-Adaptive DSL)

离散多音调 DMT (Discrete Multi-Tone)

数字用户线接入复用器 DSLAM (DSL Access Multiplexer)

接入端接单元 ATU (Access Termination Unit)

ATU-C(C 代表端局 Central Office)

ATU-R(R 代表远端 Remote)

电话分离器 PS (POTS Splitter)

无缝速率自适应技术 SRA (Seamless Rate Adaptation)

光纤同轴混合网 HFC (Hybrid Fiber Coax)

光分配结点 ODN (Optical Distribution Node)

用户接口盒 UIB (User Interface Box)

★光纤到户 FTTH (Fiber To The Home)

光纤到大楼 FTTB (Fiber To The Building)

光纤到路边 FTTC (Fiber To The Curb)

误码率 BER (Bit Error Rate)

帧检验序列 FCS (Frame Check Sequence)

★点对点协议 PPP (Point-to-Point Protocol)

链路控制协议 LCP (Link Control Protocol)

网络控制协议 NCP (Network Control Protocol)

★逻辑链路控制 LLC (Logical Link Control)

★媒体接入控制 MAC (Medium Access Control)

网络接口卡 NIC (Network Interface Card), 或 “网卡”

★载波监听多点接入/碰撞检测

CSMA/CD(Carrier Sense Multiple Access with Collision Detection)

★地址解析协议 ARP (Address Resolution Protocol)

★网际控制报文协议 ICMP (Internet Control Message Protocol)

★网际组管理协议 IGMP (Internet Group Management Protocol)

因特网名字与号码指派公司

ICANN (Internet Corporation for Assigned Names and Numbers)

★生存时间 TTL (Time To Live)

★变长子网掩码 VLSM (Variable Length Subnet Mask)

★无分类域间路由选择 CIDR (Classless Inter-Domain Routing)。

★PING (Packet InterNet Groper)

★自治系统 AS(Autonomous System)

★内部网关协议 IGP (Interior Gateway Protocol)

★外部网关协议 EGP (External Gateway Protocol)

★路由信息协议 RIP (Routing Information Protocol)

★开放最短路径优先 OSPF (Open Shortest Path First)

反向路径广播 RPB (Reverse Path Broadcasting)

距离向量多播路由选择协议 DVMRP (Distance Vector Multicast Routing Protocol)

基于核心的转发树 CBT (Core Based Tree)

开放最短通路优先的多播扩展 MOSPF (Multicast Extensions to OSPF)

协议无关多播-稀疏方式 PIM-SM (Protocol Independent Multicast-Sparse Mode)

协议无关多播-密集方式 PIM-DM (Protocol Independent Multicast-Dense Mode)

★网络地址转换 NAT (Network Address Translation)

运输协议数据单元 TPDU (Transport Protocol Data Unit)

★用户数据报协议 UDP (User Datagram Protocol)

★传输控制协议 TCP (Transmission Control Protocol)

自动重传请求 ARQ (Automatic Repeat reQuest)

★MSS (Maximum Segment Size)

超时重传时间 RTO (RetransmissionTime-Out)

选择确认 SACK (Selective ACK)

随机早期检测 RED (Random Early Detection)

★域名系统 DNS (Domain Name System),

顶级域名 TLD (Top Level Domain)

★文件传送协议 FTP (File Transfer Protocol)

简单文件传送协议 TFTP (Trivial File Transfer Protocol)

★统一资源定位符 URL (Uniform Resource Locator)

★超文本传送协议 HTTP (HyperText Transfer Protocol)。

★超文本标记语言 HTML (HyperText Markup Language)

通用网关接口 CGI (Common Gateway Interface)

★IMAP (Internet Message Access Protocol)

用户代理 UA (User Agent)

内容传送编码 (Content-Transfer-Encoding)

★动态主机配置协议 DHCP (Dynamic Host Configuration Protocol)

即插即用连网 (plug-and-play networking)

网络运行中心 NOC (Network Operations Center),

管理信息结构 SMI (Structure of Management Information)

管理信息库 MIB (Management Information Base)。

基本编码规则 BER (Basic Encoding Rule)

管理信息库 MIB (Management Information Base)

★应用编程接口 API (Application Programming Interface)

★循环冗余检验 CRC (Cyclic Redundancy Check)

★最大报文段长度 MSS (Maximum Segment Size)

★最大传送单元 MTU (Maximum Transfer Unit)