Protocol Family Encapsulations



ISO

Layer 7—Application

Provides standard services to applications and end-user interfaces.

Layer 6—Presentation

Performs data format conversion. Provides compression, encoding, and encryption of data.

Layer 5—Session

Establishes sessions between services. Synchronizes and performs translations for naming services

Layer 4—Transport

Manages connections and provides reliable packet delivery. Operates in units of messages.

Layer 3—Network

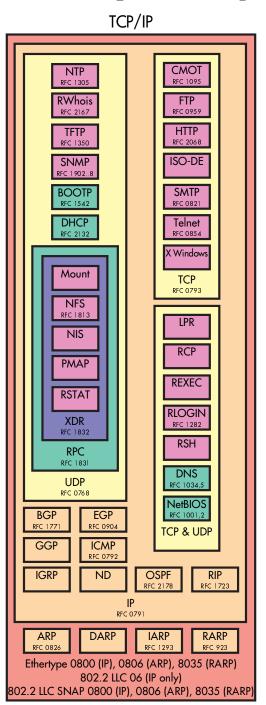
Addresses and routes datagrams. Performs fragmentation and reassembly (IP). Operates in units of packets.

Layer 2—Logical Link

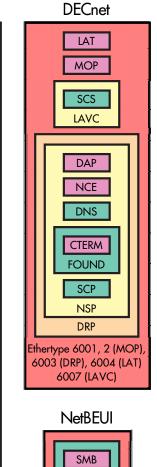
Provides hardware addressing and error detection/correction. Operates in units of frames.

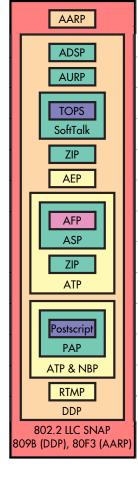
Layer 1—Physical

Defines connection, electrical, and wiring specifications. Operates in units of bits.

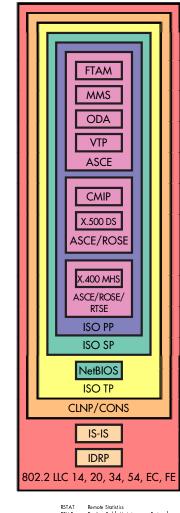








AppleTalk



ARP	AppleTalk Address Resolution Protocol
OSP	AppleTalk Data Stream Protocol
P	AppleTalk Echo Protocol
P	AppleTalk Filing Protocol
RP.	Address Resolution Protocol
CE	Association Control Service Element
P	AppleTalk Session Protocol
P	AppleTalk Transaction Protocol
JRP	AppleTalk Update Routing Protocol
SΡ	Border Gateway Protocol
OOTP	Boot Protocol
N P	Connectionless Network Protocol
ΛIP	Common Management Information Protoc
TON	CMIP over TCP/IP
ONS	Connection Oriented Network Protocol
A RP	Dynamic Address Resolution Protocol
OP	Datagram Delivery Protocol
HCP	Dynamic Host Configuration Protocol
45	Domain Name System
SP.	Exterior Gateway Protocol

File Transfer Access and Management

Gateway to Gateway Protoco

HTTP	HyperText Transfer Protocol
IA RP	Inverse Address Resolution Protocol
ICM P	Internet Control Message Protocol
IDRP	Interdomain Routing Protocol
IG RP	Interior Gateway Routing Protocol
IP	Internet Protocol
IPX	Internet Packet Exchange
l5 - l5	Intermediate System to Intermediate System Routing
ISO PP	Presentation Protocol
ISO S P	Session Protocol
ISO TP	Transport Protocol
ISO-DE	Development Environment
LPR	Remote Print
LS P	NetWare Lite Side band Protocol
MMS	Manufacturing Message Service
Mount	Mount Server
NBP	Name Binding Protocol
NCP	NetWare Core Protocol
ND	Network Disk
NDS	NetWare Directory Service
NetBEUI	NetBIOS Enhanced User Interface
Net BIOS	Network Basic Input/Output System

NetBEUI

802.2 LLC F0

NFS	Network File System
NIS	Network Information Services
NLP	NetWare Lite Protocol
NLS P	NetWare Link State Protocol
NTP	Network Time Protocol
NWBCAST	NetWare Broadcast Message Notificatio
NWDIAG	NetWare Diagnostic Support Protocol
NWS ER	NetWare Serialization Protocol
ODA	Office Document Architecture
OSPF	Open Shortest Path First
PAP	Printer Access Protocol
PING	Packet Internet Groper
PMAP	Port Mapper
RARP	Reverse Address Resolution Protocol
RCP	Remote Copy
REXEC	Remote Execution
RIP	Routing Information Protocol
RLOG IN	Remote Login
ROS E	Remote Operations Service Element
RPC	Remote Procedure Call
RSH	Remote Shell