

Ethernet Packet Types

The Ethernet Type field contains a hexadecimal number that you can interpret to yield a symbolic Ethernet protocol type name. The Ethernet Packet Types dialog box lists the most commonly used packet types. Table A-1 lists some of the major Ethernet protocol types and their descriptions. (Table courtesy of FTP Software, Inc.)

Table A-1 Ethernet Packet Types

Hexadecimal	Description
8731-8738	Cisco Systems Inc. Combinet Packet Protocol (CPP)
0000-05DC	IEEE 802.3 length field
0101-01FF	Experimental (for development) (Conflicts with 802.3 length fields)
0200	Xerox PUP (Conflicts with 802.3 length fields)
0201	PUP address translation (Conflicts with 802.3 length fields)
0600	Xerox XNS IDP
0800	DoD IP
0801	X.75 Internet
0802	NBS Internet
0803	ECMA Internet
0804	CHAOSnet
0805	X.25 Level 3
0806	ARP (for IP and for CHAOS)

Hexadecimal	Description
0807	XNS Compatibility
081C	Symbolics Private
0888-088A	Xyplex
0900	UB Networks Debugger
0A00	Xerox 802.3 PUP Address Translation
0BAD	Banyan Systems
1000	Berkeley Trailer negotiation
1001-100F	Berkeley Trailer encapsulation
1600	VALID
4242	PCS Basic Block Protocol
5208	BBN Simnet Private
6000	DEC Unassigned
6001	DEC MOP dump/load assistance
6002	DEC MOP remote console
6003	DEC DECnet Phase IV
6004	DEC LAT
6005	DEC DECNet diagnostics
6006	DEC DECNet customer use
6007	DEC DECNet SCA
6009	DEC unassigned
6010-6014	3Com Corp.
7000	Ungermann-Bass download
7001	UB NIU
7002	UB NIU
7020-7029	LRT (England)
7030	Proteon
8003	Cronus VLN

Hexadecimal	Description
8004	Cronus Direct
8005	HP Probe protocol
8006	Nestar
8008	AT&T
8010	Excelan
8013	SGI diagnostic type (obsolete)
8014	SGI network games (obsolete)
8015	SGI reserved type (obsolete)
8016	SGI “bounce server” (obsolete)
8019	Apollo
802E	Tymshare
802F	Tigan, Inc.
8035	Reverse ARP
8036	Aeonic Systems
8038	DEC LANBridge
8039	DEC unassigned
803A	DEC unassigned
803B	DEC unassigned
803C	DEC unassigned
803D	DEC Ethernet CSMA/CD Encryption Protocol
803E	DEC unassigned
803F	DEC LAN traffic monitor
8040	DEC unassigned
8041	DEC unassigned
8042	DEC unassigned
8044	Planning Research Corp.
8046	AT&T

Hexadecimal	Description
8047	AT&T
8049	ExperData (France)
805B	Versatile Message Translation Protocol RFC-1045 (Stanford)
805C	Stanford V Kernel production
805D	Evans and Sutherland
8060	Little Machines
8062	Counterpart Computer
8065	University of Massachusetts, Amherst
8066	University of Massachusetts, Amherst
8067	Veeco Integrated Automation
8068	General Dynamics
8069	AT&T
806A	Autophon (Switzerland)
806C	ComDesign
806D	Compugraphic Corp.
806E-8077	Landmark Graphics Corp.
807A	Matra (France)
807B	Dansk Data Elektronik A/S (Denmark)
807C	Merit Internodal
807D	VitaLink Communications
807E	VitaLink Communications
807F	VitaLink Communications
8080	VitaLink Communications
8081	Counterpoint Computers
8082	Counterpoint Computers
8083	Counterpoint Computers

Hexadecimal	Description
8088	Xyplex
8089	Xyplex
808A	Xyplex
809B	Kinetics Ethertalk-Appletalk over Ethernet
809C	Datability
809F	Datability
809E	Datability
809F	Spider Systems, Ltd. (England)
80A3	Nixdorf Computer (West Germany)
80A4-80B3	Siemens Gammasonics Inc.
80C0	Digital Communications Assoc.
80C1	Digital Communications Assoc.
80C2	Digital Communications Assoc.
80C3	Digital Communications Assoc.
80C6	Pacer Software
80C7	Applitek Corp.
80C8-80CC	Integraph Corp.
80CD	Harris Corp.
80CE	Harris Corp.
80CF-80D2	Taylor Inst.
80D3	Rosemount Corp.
80D4	Rosemount Corp.
80D5	IBM SNA Services over Ethernet
80DD	Varian Assoc.
80DE	Integrated Solutions TRFS (Transparent Remote File System)
80DF	Integrated Solutions

Hexadecimal	Description
80E0	Allen-Bradley
80E3	Allen-Bradley
80E4-80F0	Datability
80F2	Retix
80F3	Kinetics, Appletalk ARP (AARP)
80F4	Kinetics
80F5	Kinetics
80F7	Apollo Computer
80FF-8103	Wellfleet Communications
8107	Symbolics Private
8108	Symbolics Private
8109	Symbolics Private
8130	Waterloo Microsystems
8131	VG Laboratory Systems
8137	Novell (old) NetWare IPX (ECONFIG E Option)
8138	Novell
8139-813D	KTI
9000	Loopback (Configuration Test Protocol)
9001	Bridge Communications XNS Systems Mgmt.
9002	Bridge Communications XNS Systems Mgmt.
9003	Bridge Communications
FF00	BBN VITAL LAN Bridge cache wakeup