



Tag		
TagType (2)	TagLen (2)	TagData (...)
↑ 仅后面的数据总长		

Code

0x00	Session Data
0x09	PADI
0x07	PADO
0x19	PADR
0x65	PADS
0xA7	PADT

EPTYPE

0x8863	PPPoED
0x8864	PPPSession
0x0800	IPv4

PPPTYPE

0x8021	IPCP
0xC021	LCP
0xC023	PAP
0xC223	CHAP
0x0021	IPv4

CodeS

LCP	
0x01	Config Request
0x02	Config ACK
0x03	Config NAK
0x04	Config Reject
0x05	Terminal Request
0x06	Terminal ACK
0x09	Echo Request
0x0A	Echo Reply
IPCP	
0x01	Config Request
0x02	Config ACK
0x03	Config NAK
PAP	
0x01	Auth Request
0x02	Auth ACK
0x03	Auth NAK
CHAP	
0x01	Challenge
0x02	Response
0x03	Success
0x04	Failure

TagType

0x0000	EOL
0x0101	Service-Name
0x0102	AC-Name
0x0103	Host-Uniq
0x0104	AC-Cookie
0x0105	Vendor-Specific
0x0110	Reply-Session-ID
0x0201	Service-Name-Err
0x0202	AC-System-Err

← 客户端指明服务器名称
← 服务器说明自己的名称
← PPPoED阶段唯一性标识

LType

0x01	MRU
0x02	Async-Control-Map
0x03	Auth-Type
0x05	Magic Number
0x06	Link Quality
0x07	Protocol Field ...
0x08	Address & Control

IType

0x03	IP
0x81	DNS1
0x83	DNS2

SData

LCP

LType (1)	Length (1)	Data (...)
↑ 包含LType, Length占用长度的全长		

IPCP

IType (1)	Length (1)	IPAddress (4)
↑ 包含IType, Length占用长度的全长, 所以为定值6		

PAP

PIDLen (1)	Peer-ID (...)
PwdLen (1)	Password (...)
↑ 后方数据长	

CHAP

Vsize (1)	Value (...)
Name (...)	

Vsize为Value长度
PAP如果携带Auth ACK/NAK, 后方数据为一字节长度+信息
CHAP如果携带Auth ACK/NAK, 后方数据为信息, 以0x00结尾