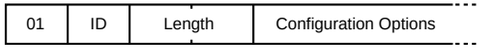
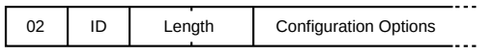
LCP Packet Formats

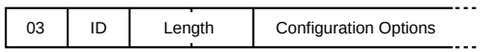
Configure-Request



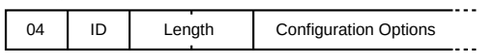
Configure-Ack



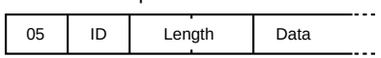
Configure-Nak



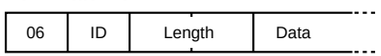
Configure-Reject



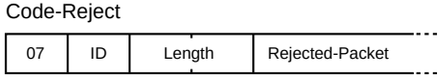
Terminate-Request



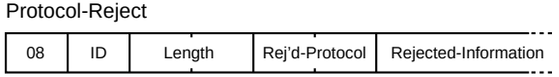
Terminate-Ack



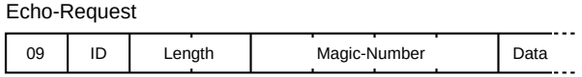
Code-Reject



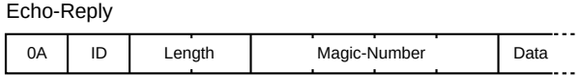
Protocol-Reject



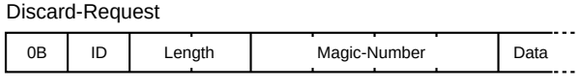
Echo-Request



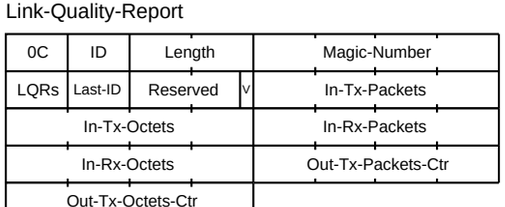
Echo-Reply



Discard-Request



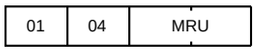
Link-Quality-Report



This reference guide is available in PostScript™
via anonymous FTP from ftp.morningstar.com.

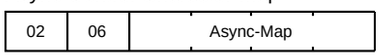
LCP Configuration Options

Maximum-Receive-Unit



Default is 1500 decimal

Async-Control-Character-Map



Default is FFFFFFFF

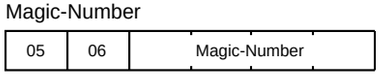
Authentication-Protocol

Default is no authentication

04 C0 23 (PAP)

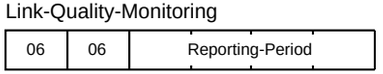
06 C2 23 05 Callback (CHAP using MD5)

Magic-Number



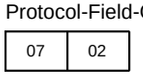
Default is no magic number

Link-Quality-Monitoring



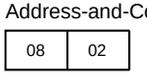
Default is no LQM

Protocol-Field-Compression



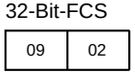
Default is no compression

Address-and-Control-Field-Compression



Default is no compression

32-Bit-FCS

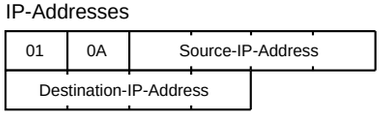


Default is 16-bit FCS

IPCP Configuration Options

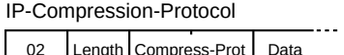
The IP Control Protocol is similar to LCP, except that only codes 1 (Configure-Request) through 7 (Code-Reject) are used.

IP-Addresses



No default

IP-Compression-Protocol



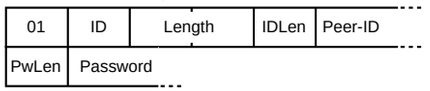
Default is no compression

06 00 2D Max-Slot-ID Comp-Slot-ID

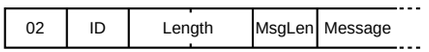
(Van Jacobson Compressed TCP/IP)

PAP Packet Formats

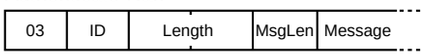
Authenticate-Request



Authenticate-Ack

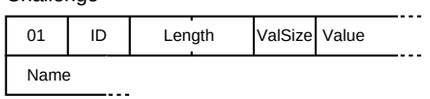


Authenticate-Nak

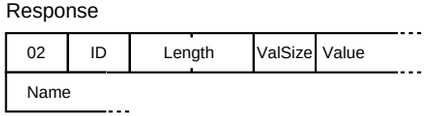


CHAP Packet Formats

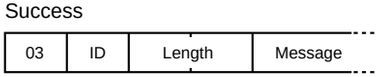
Challenge



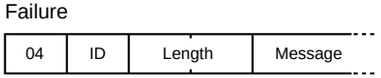
Response



Success



Failure



References

William A. Simpson, ''The Point-to-Point Protocol for the Transmission of Multi-Protocol Datagrams Over Point-to-Point Links,'' Internet draft, August 1991.

Glenn McGregor, ''The PPP Internet Protocol Control Protocol (IPCP),'' Internet draft, August 1991.

Brian Lloyd and William A. Simpson, ''The PPP Authentication Protocols,'' Internet draft, October 1991.

Arthur Harvey, ''The Point-to-Point Protocol Configuration Options: Negotiation of 32-bit FCS,'' Internet draft, December 1990.

Van Jacobson, ''Compressing TCP/IP Headers for Low-Speed Serial Links,'' RFC 1144, January 1990.

Drew D. Perkins, ''The Point-to-Point Protocol for the Transmission of Multi-Protocol Datagrams Over Point-to-Point Links,'' RFC 1171, July 1990.

Drew D. Perkins and Russ Hobby, ''The Point-to-Point Protocol (PPP) Initial Configuration Options,'' RFC 1172, July 1990.