

[R E P O R T]

정보통신공학전공

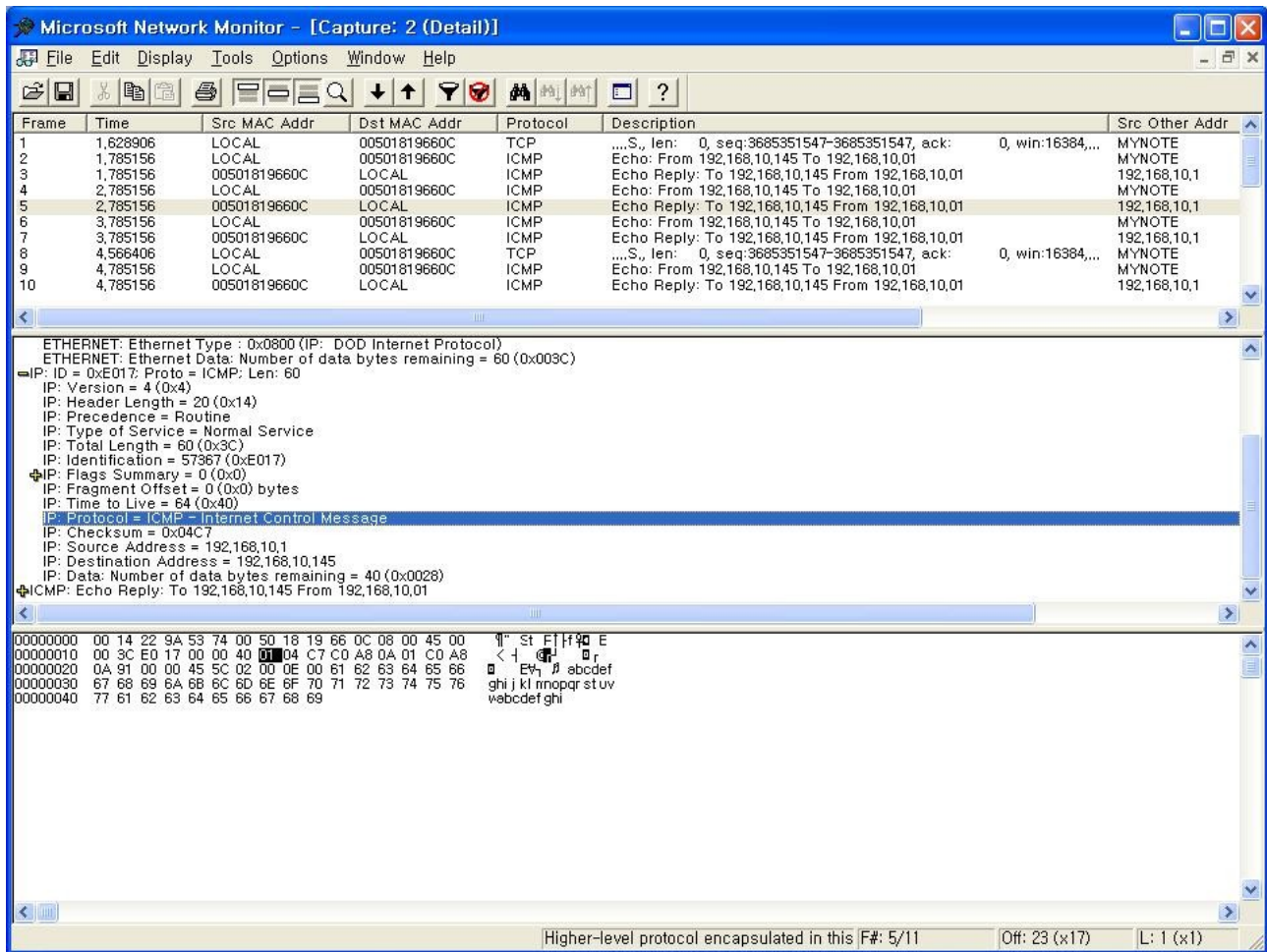
200301582

김성태



국립공주대학교

KONGJU NATIONAL UNIVERSITY



패킷 해석

IP패킷의 헤더부분은 “45 00 00 3C E0 17 00 00 40 01 04 C7 C0 A8 0A 01 C0 A8 0A 91” 이다.

여기서...

- * **4** : version. 4 means IPv4.
- * **5** : This 4-bit field defines the total length of the datagram header in 4-byte words. In this section set 20(byte).
- * **00** : differentiated services.
- * **00 3C** : This is a 16-bit field that defines the total length (header plus data) of the IP datagram in bytes. In this section set 60(byte).
- * **E0 17 00 00** : This field is used in fragmentation.
- * **40** : TTL(Time to Live) : A datagram has a limited lifetime in its travel through an internet(or router). In this section set 64(count).
- * **01** : Protocol. This 8-bit field defines the higher-level protocol that uses the services of the IP layer. 01 means ICMP.
- * **04 C7** : Header Checksum.
- * **C0 A8 0A 01** : Source IP Address. C0 A8 0A 01 means 192.168.10.1
- * **C0 A8 0A 91** : Destination IP Address. C0 A8 0A 91 means 192.168.10.145