

정보통신공학전공 200301582 김성태

[**R E P O R T**]

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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