Orline Yaming Gechnologier - Lab 2

	Verrion IAS Types Of Nervice Total Leight 0100 20 bytes Ox 48 (PSCP, ECN) 52 Identification IP Flags Fragment Offset Ox da 79 0x00 0
	Time to live Protocol Header Checkrum 123 46 (validation disabled)
	52.114.92.97
-	Dertination Moldren 192:168, O. S6
	12 bytes, No-Operation, No-Operation, Nack

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Yerrion: This is a 4-bit version indicator. Internet header length: This is used to show how many 32 Internet header length: This is used to show how many 32 bit words are present in the header.

Type of Nervice: This field is provided features related to the quality of service for data streaming or Holf calls. It is also used for specifying hardle Datagram.

Total length: The total length is measured in lytes. The minimum rieze is 20 bytes and the maximum is 65535 bytes. Idestification: This is a packet that is used to identify fragments of as IP datagram uniquely the Flags: This is a 3. bit field that helps to control the possible fragments. This can be their possible configuration.

Bit O: Reserved and has to be set to zero:

Bit! Means do not browned. Bit 1: Mean do not fragment Bit 2: Mean more fragments. Fragment offret: This represents the number of data bytes ahead of the particular fragment is the specific datagram. Time to live: This is as 8 bit field that indicates the maximum

time the datagram will be live in the internet rystem. The time duration is measured is records, and when it reaches zero, the datagram will be errored. Protocol: This IPv4 header is reserved to desote the internet protocol that is used in the latter portion of the datagram. Ideader Checksum: This is a 16 bit header checksum field, which is used to check the header for any evorors.

Nource address: The rousee address is a 32-bit address of the rowne wed for the IP of packet.

Dertination dathren: The dertination address is a 32 bit address that stores the address of the receiver.

If options: This is an optional field of the IP of header used when the value of the IH is greater than 5. It contains values and rettings related with rewrity, record route and time stemp.

Data: This stores the data from the protocol layer, which has honded over the data to the IP layer. The flags is set to more fragment is the example as well as having a different identification. The time to live in the example is shorter than in the parket that I looked at. It also were the SIMP perstocal interest of YIV. The example doesn't have the same header checkers are mine and it's rowner address and destination address are only I apart compared to the parket I loked at where they were quite hifferet.