

Computer Networks - CT-1

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Section: 02

⑤ Multicast cannot be evaluated with unicasting because

- (i) There is no delay in multicasting.
- (ii) Requires less bandwidth
- (iii) Multicasting is more efficient.

① ICMP messages are divided into error reporting messages and query messages. The error-reporting messages report problems that a router or a host may encounter. The query messages get specific information from a router or another host.

④ * In the slow start phase, the sender starts with a slow rate of transmission but increases the rate rapidly to reach a threshold.

* When the threshold is reached the rate of increase is reduced.

② * Time stamp request / reply messages determine the round trip time between source and destination even if their clocks are not ~~of~~ synchronized.

* Process followed is

→ sending time = receiver timestamp - original timestamp.

→ receiving time = returned time - transit timestamp.

→ roundtrip time = sending time + receiving time

→ With recorded times all can be calculated.

③

* specifies the entire length of UDP packet.

* It is 16 bits and minimum value is 8 byte i.e. the size of UDP header itself.

* A user datagram is encapsulated in an IP datagram.