Module - 3: Transfort Layer - 2

Friday, February 18, 2022 10:59 AM * induces more delay at the Longer timeout internal Source's site. induces unnecessary retrommissions leading to increased NW Congestion. - Shorted timeout interval Timeout inderval > Estimated RTT. => Timeout interval = Estimated RTT+(A).
Shuthating parameter and is decided by the n/wanditin. Reliable data transfer is ensured by TCP wring two mechanisms: (1) timeout (2) retransmission. (1) TCP stants with time out interval = 1 Second. and Sends one or more segments) to the receiver.

min within the time out interval,

one or more segments, to the

(ii) If ACU does not arrive within the time out interval, then the Segment with smallest Seguence number is Refrommitted and the timeout internal is doubled.

(1)1) If ACK arrives with this timent interval, sonder the computes sample RTT and updates Estimated RTT and Sets a new timeout value based on the Estimated RTT.

RST flag: is set if the port no. does not match with any of the origing sockets in the target host.

runing and it can terminate the connection.

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match the rate at which data is generated the antrol with the late at which data is processed or Consumed.

loads.

Sets the ownerst value of receive window

Receive window (rund): fells the Sender TCP how much store is left in the receiver's buffer.