Practice Problem
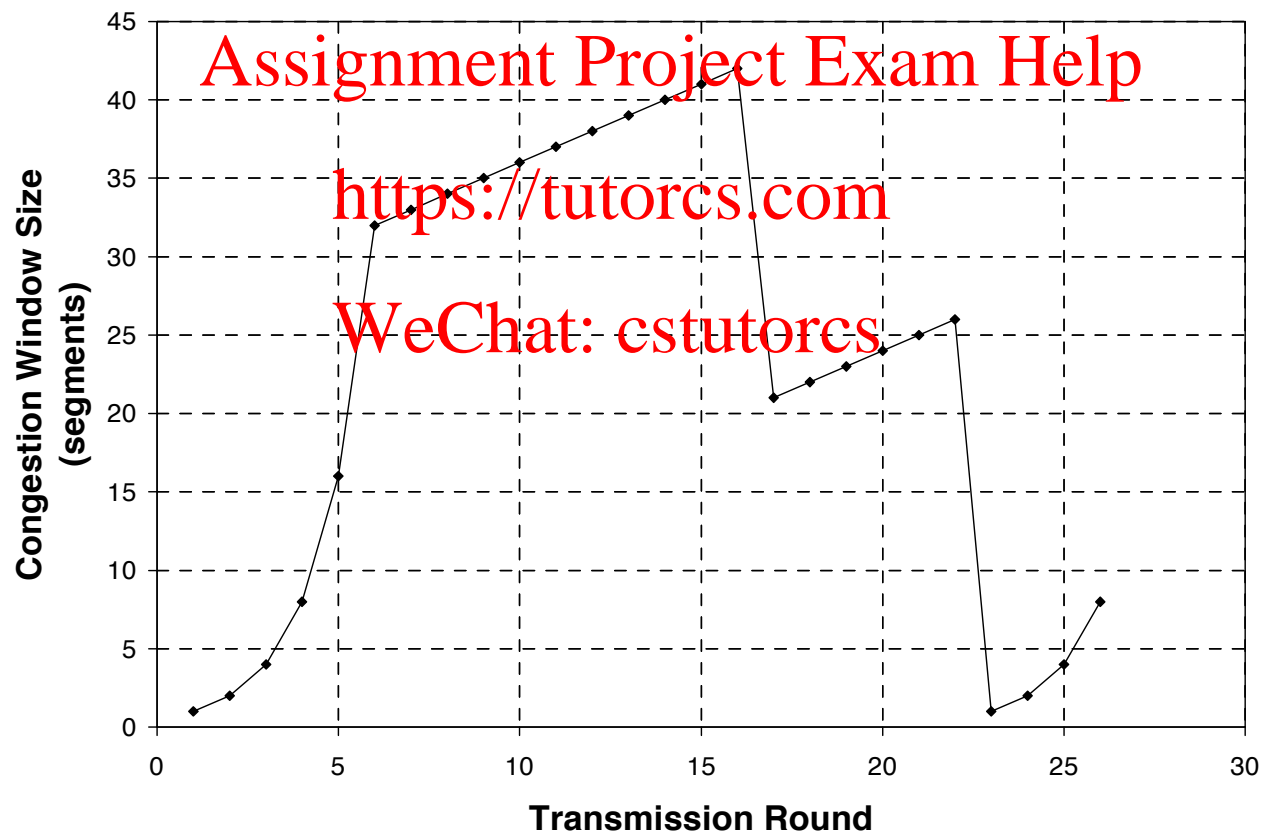
Consider the following plot of TCP window size as a function of time. Assume that the version is Reno.

Assignment Project Exam Help

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Practice Problem

❖ Identify the intervals of time when TCP slow start is operating.

❖ Identify the intervals of time when TCP congestion avoidance is operating.

❖ After the 16th transmission round, is segment loss detected by a triple duplicate ACK or a timeout?

❖ What is the initial value of ssthreshold at the first transmission round?

Practice Problem

❖ What is the value of ssthreshold at the 18th transmission round?

❖ What is the value of ssthreshold at the 24th transmission round?

❖ During which transmission round is the 70th segment sent?

❖ Assuming a packet loss is detected after the 26th round by the receipt of triple duplicate ACK, what will be value of the congestion window size and of ssthreshold?