

Ankit Raj | CN - Activity - 2 | 1906534

$$\begin{aligned}\textcircled{2} \quad \text{Current window size of Sender} &= \min(\text{congestion window, Advertised window}) \\ &= \min(3000, 5000) = 3000\end{aligned}$$

$$\begin{aligned}\text{Effective window size} &= \text{Current Window size} - \\ &\quad (\text{Last Byte sent} - \text{Last Byte Acked}) \\ &= \text{current window size} - (\text{unacknowledged bytes}) \\ &= 3000 - 2000 = 1000\end{aligned}$$
