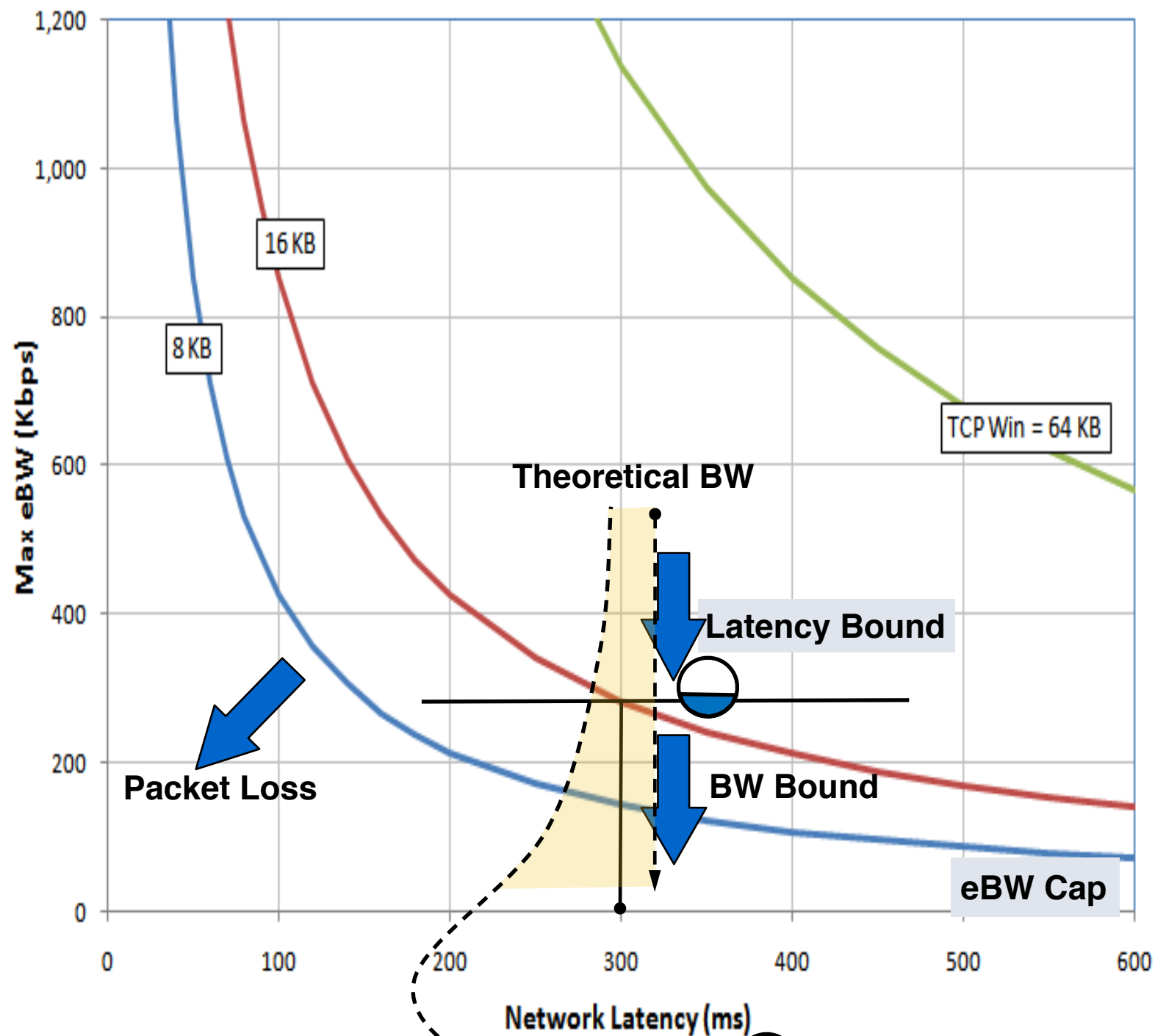


# Effective Bandwidth

Effective Bandwidth (Kbps) for Packet Loss = 0%

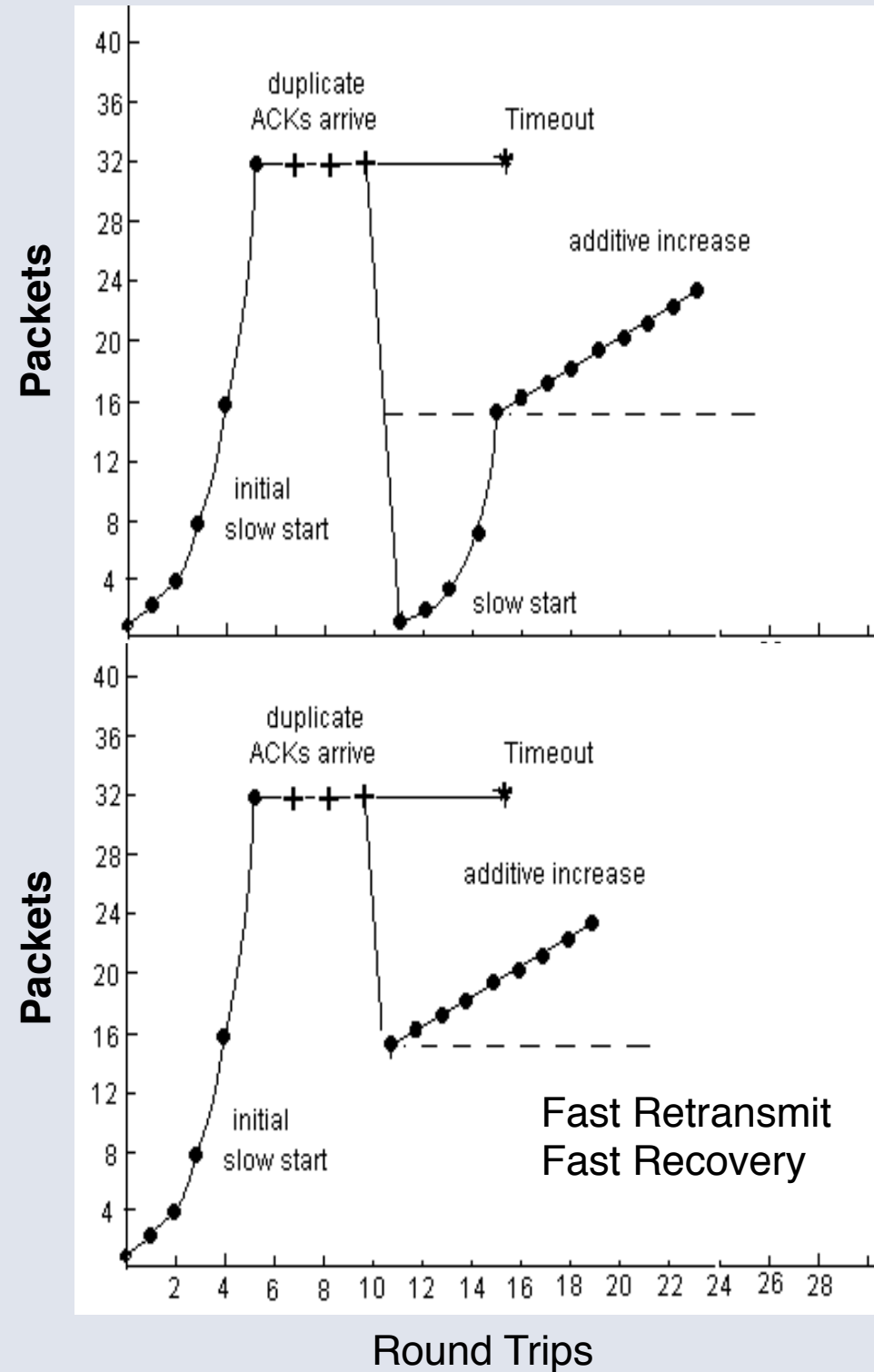
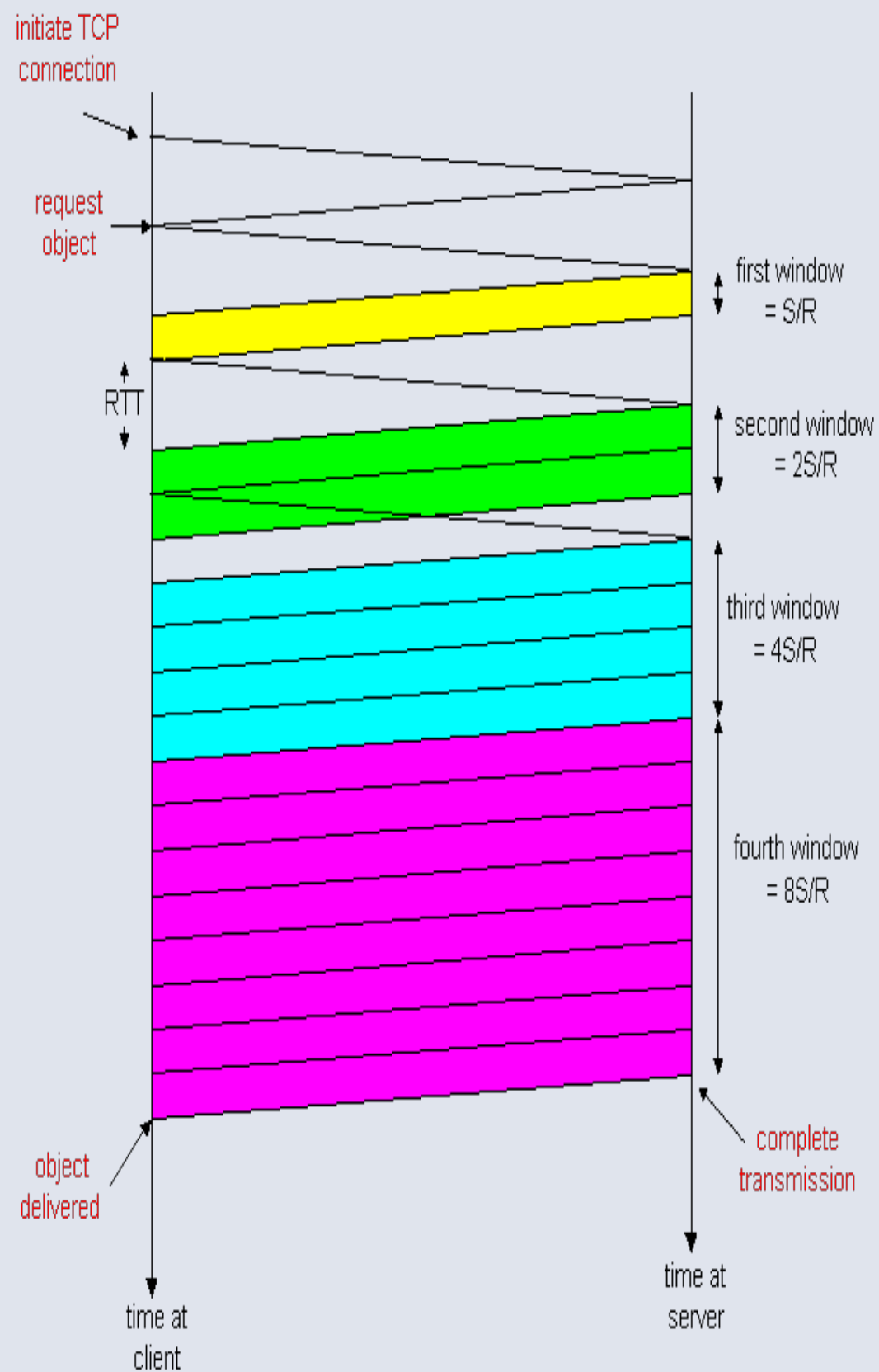


$$\text{Max eBW} = \frac{8,000 \times \text{TCP Win (KB)}}{1.5 \times \text{Network Latency (ms)}}$$

TCP Win is defined by the Receiver  
TCP Win (Wireless) = 8 KB  
TCP Win (Win XP) = 16 KB

TCP Win = 16 KB

Network Latency (ms)	Packet Loss	Max eBW (Kbps)
300	0%	300
300	5%	225
600	10%	75



**Tahoe**

**Reno**