

QoS

QoS

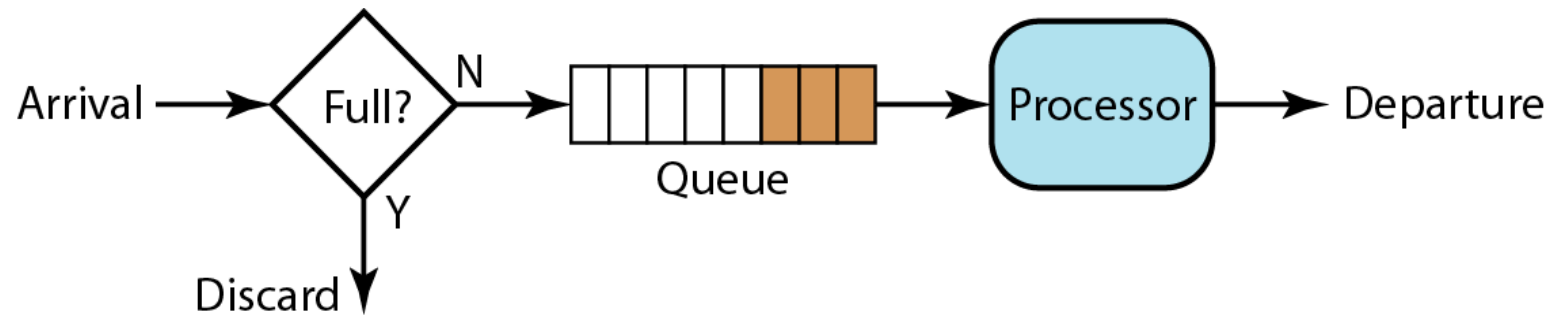
☐ **Scheduling**

☐ **Traffic Shaping**

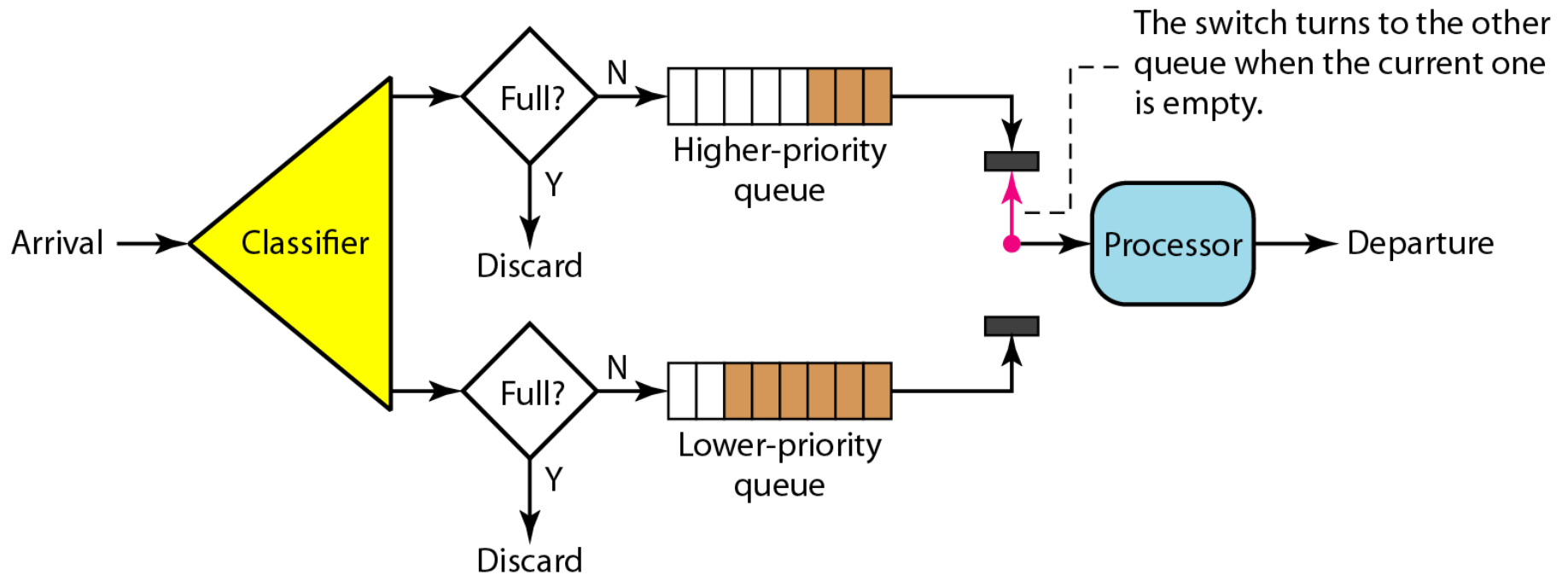
☐ **Resource Reservation**

☐ **Admission Control**

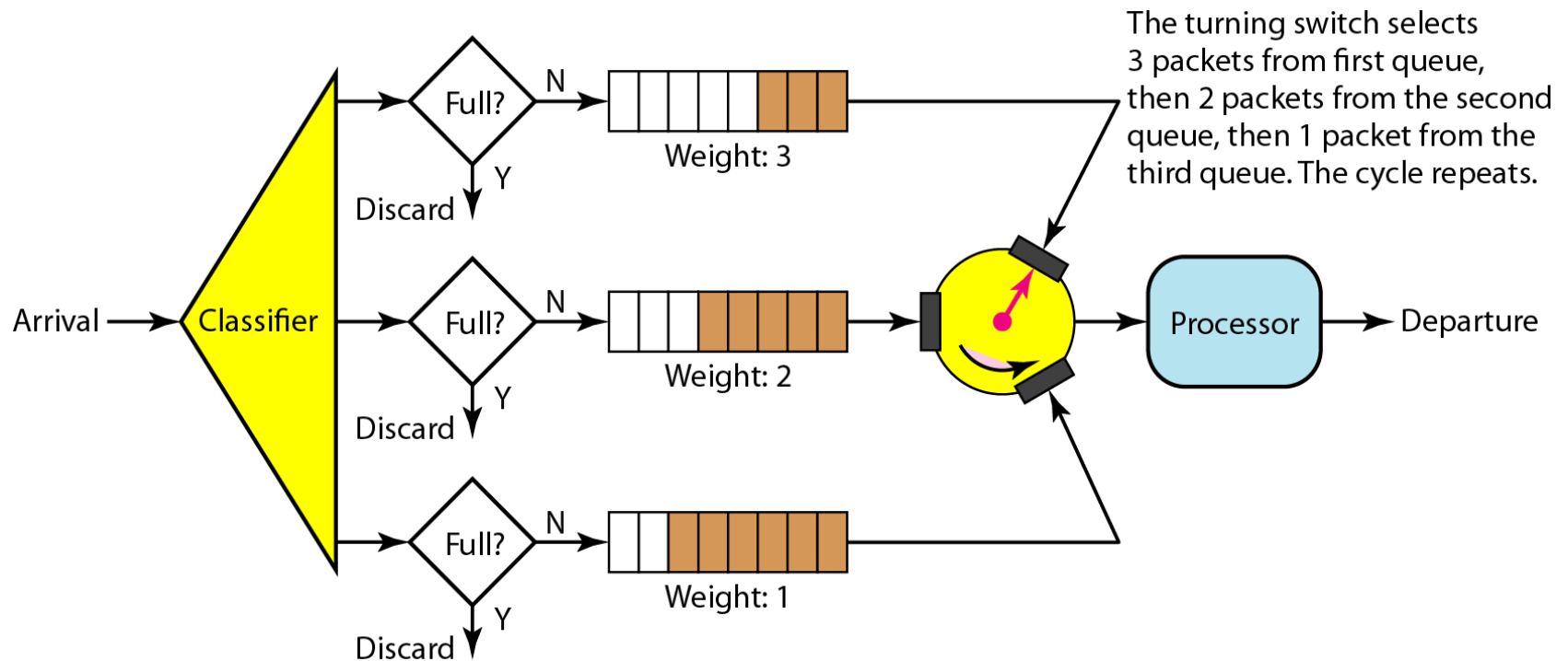
FIFO queue



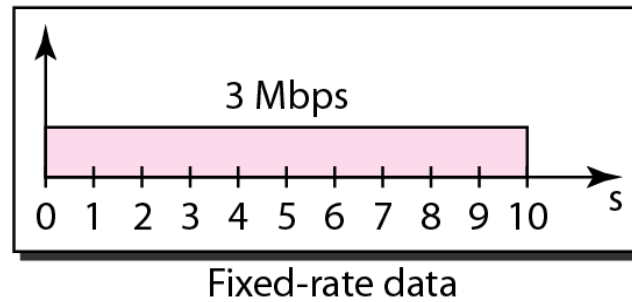
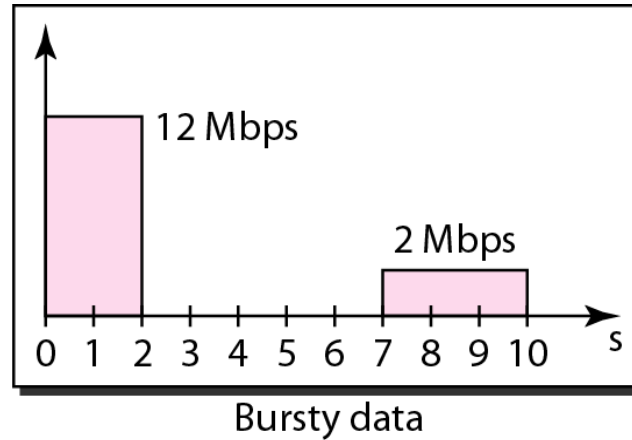
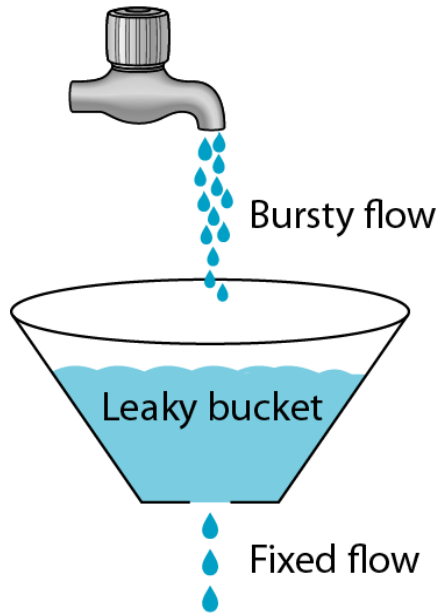
Priority queuing



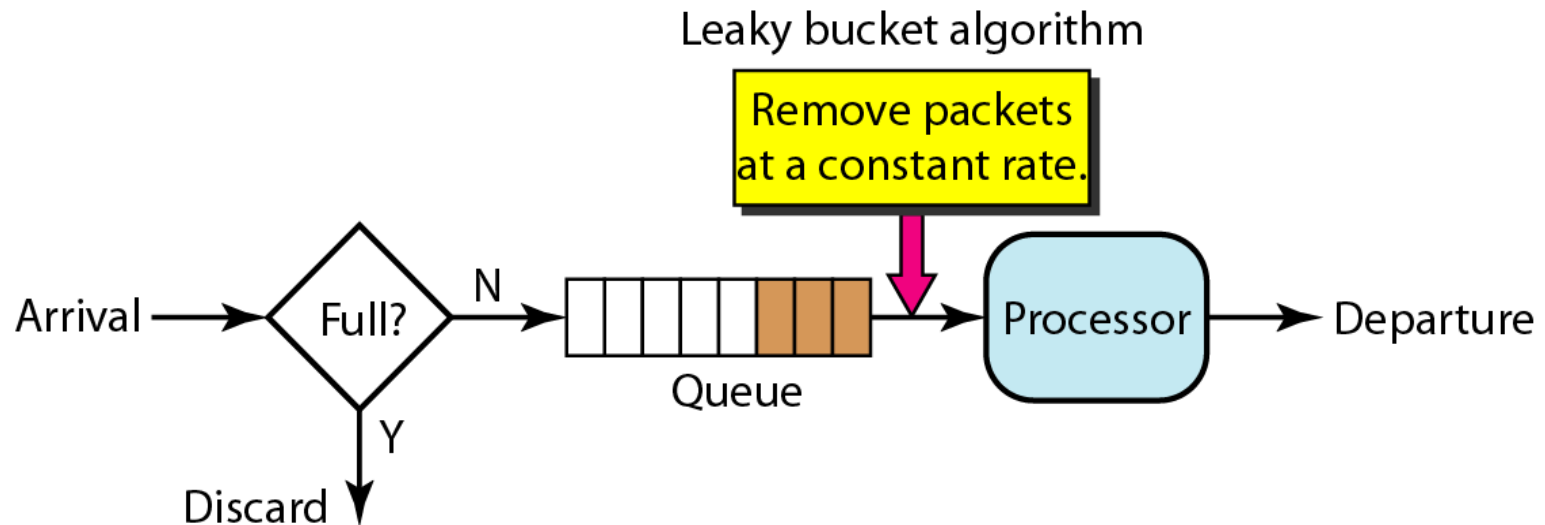
Weighted fair queuing



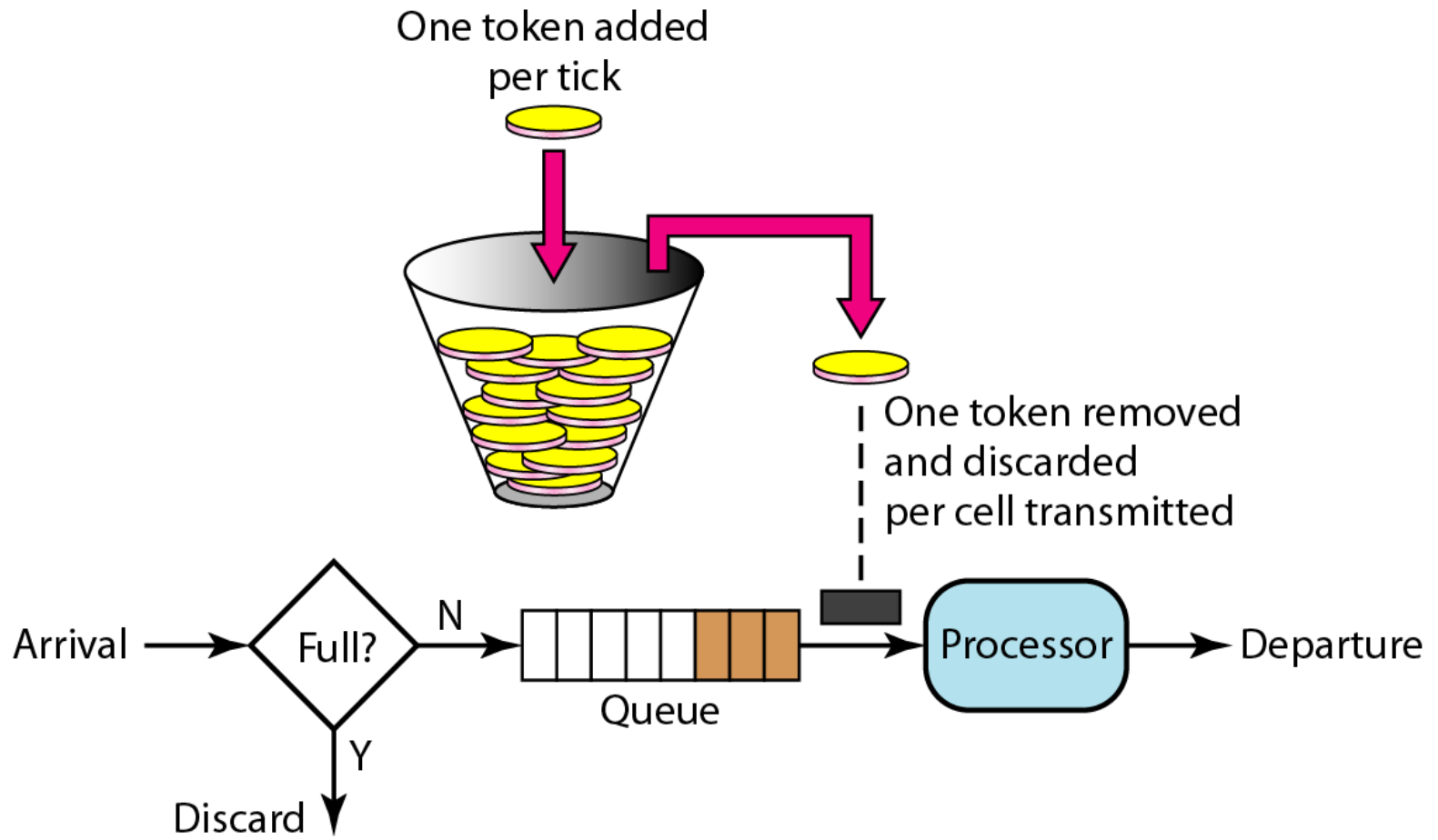
Traffic Shaping: Leaky bucket



Traffic Shaping: Leaky bucket implementation



Traffic Shaping: Token bucket



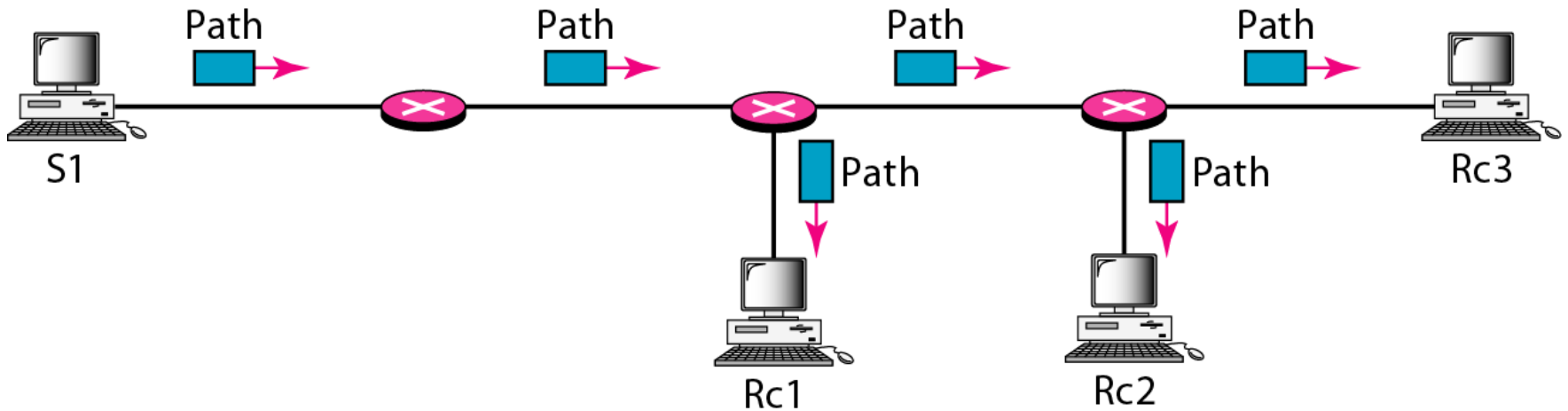


Note

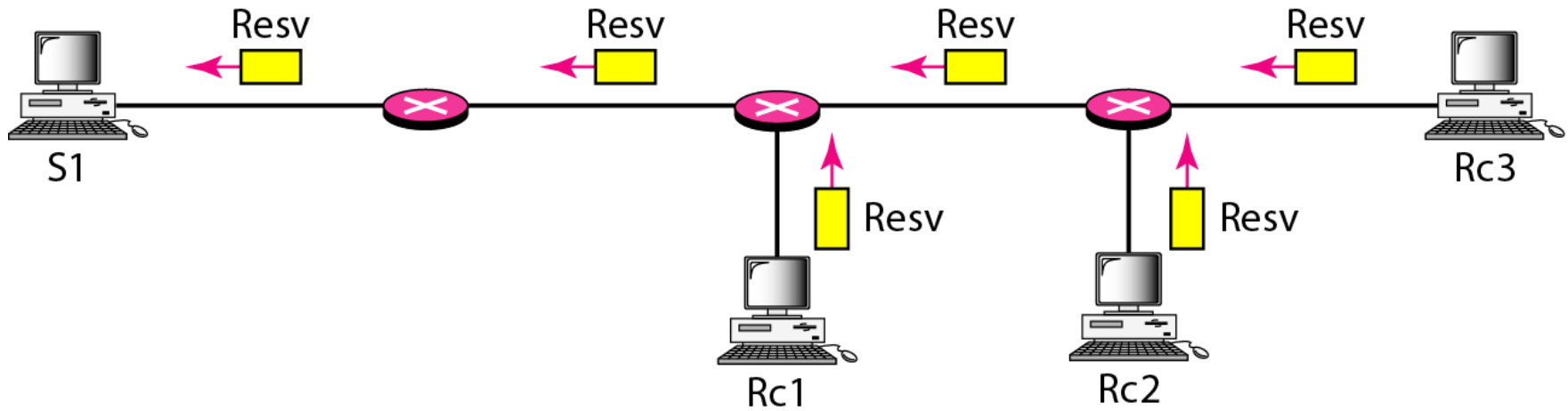
Integrated Services is a flow-based QoS model designed for IP.

Integrated Services

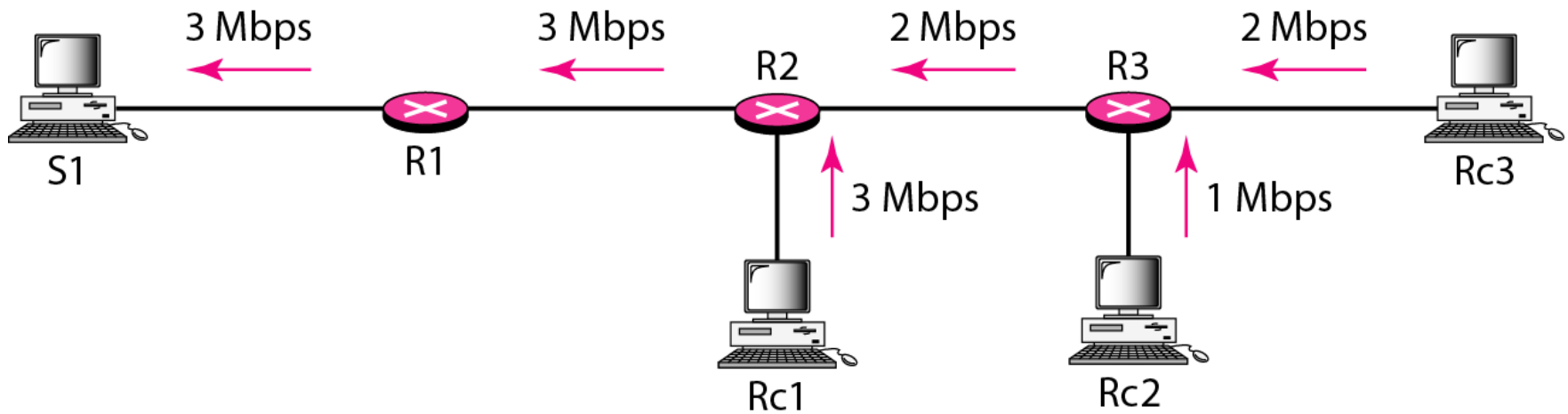
Path messages



Resv messages



Reservation merging



Differentiated Services (DS or Diffserv)

DS field



Traffic conditioner

