Network Coverage Map Service (NCMS)

Lookahead Request
Coverage Map Info

Coverage Update
Lookahead Request
Coverage Map Info

C

A MPRTP Media Packets

Sender

Notifications

middlebox

middlebox

B
Notifications

Receiver

D
i. Media path congestion cues
ii. Receiver's Estimate (e.g., REMB, TMMBR)
iii. Receiver's Notification (e.g., 3G Base-station)
iv. Receiver's NCMS throughput
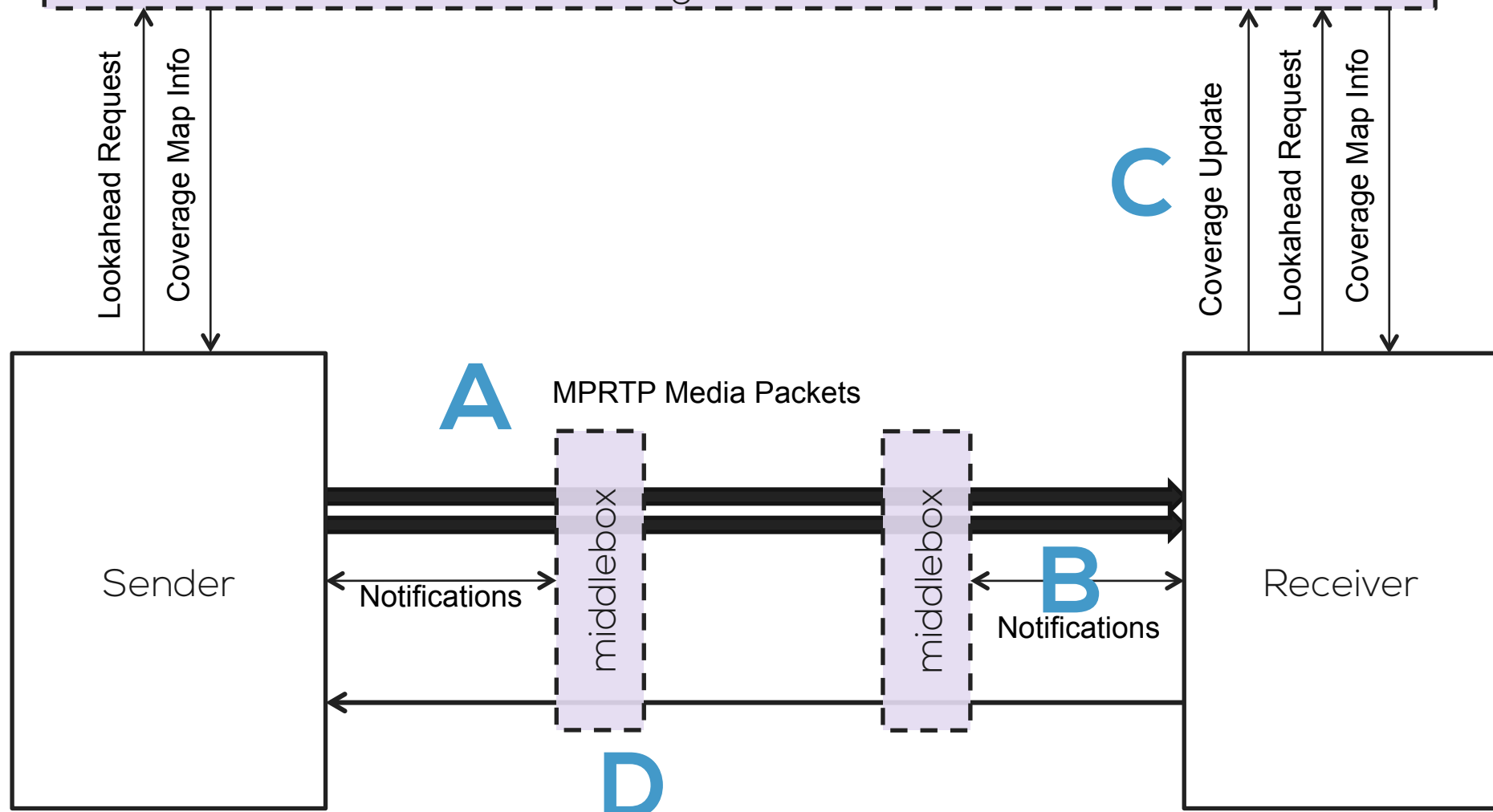
E
Calculates the new target rate using:
i. Sender's estimate based on congestion cues
ii. the receiver's estimate
iii. Coverage map info directly from NCMS and from the receiver
iv. Any other in-path notifications