Algorithm 1 bbr2_probe_inflight_hi_upward

bbr

Algorithm 2 bbr2_probe_inflight_hi_upward

bbr

Algorithm 3 bbr2_probe_inflight_hi_upward

Input acked_bytes, round_start

$bbr\_bw\_probe\_up\_acks += acked\_bytes$
if bbr_bw_probe_up_acks >= bbr_probe_up_count **then**
    $delta = \left\lfloor \frac{bbr\_bw\_probe\_up\_acks}{bbr\_probe\_up\_count} \right\rfloor$
    $bbr\_bw\_probe\_up\_acks -= delta * bbr\_probe\_up\_count$
    $bbr\_bw\_inflight\_hi += delta * MSS$

if round_start **then**
    $growth\_this\_round = 1 << bbr\_bw\_probe\_up\_rounds$
    $growth\_this\_round = \min(bbr\_bw\_probe\_up\_rounds + 1, 30)$
    $count = \left\lfloor \frac{send\_cwnd}{growth\_this\_round} \right\rfloor$
    $bbr\_probe\_up\_count = \max(count, 1)$