

$$B^n_{sample} = \frac{L_{zwp}}{\Delta_t} ;$$

$$B_{neck}^n = (1-\eta)B_{neck}^{n-1} + \frac{\eta}{2}(B_{sample}^n + B_{sample}^{n-1})$$

$$C_{ng} = \frac{PWND \times Size_seg - B^{n_{neck}} \times RTT_{min} / RTT_w}{PWND \times Size_seg},$$

$$Err_{sample}^n = 1 - S_{success}^n / S_{total}^n ;$$

$$Err^n = (1-\eta)Err^{n-1} + \frac{\eta}{2}(Err_{sample}^n + Err_{sample}^{n-1})$$

$$\mathbf{d} = \sum_i TO_{\text{Re}}^i,$$

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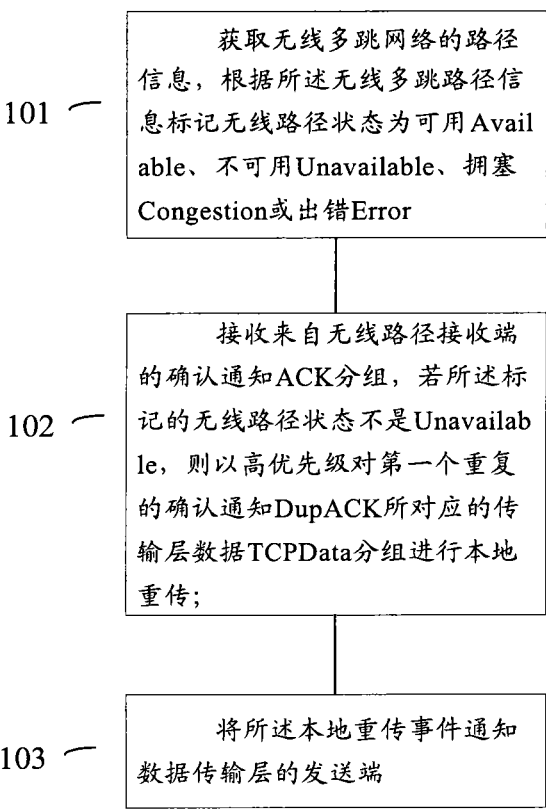
$$B^n_{sample} = \frac{L_{zwp}}{\Delta_t}$$

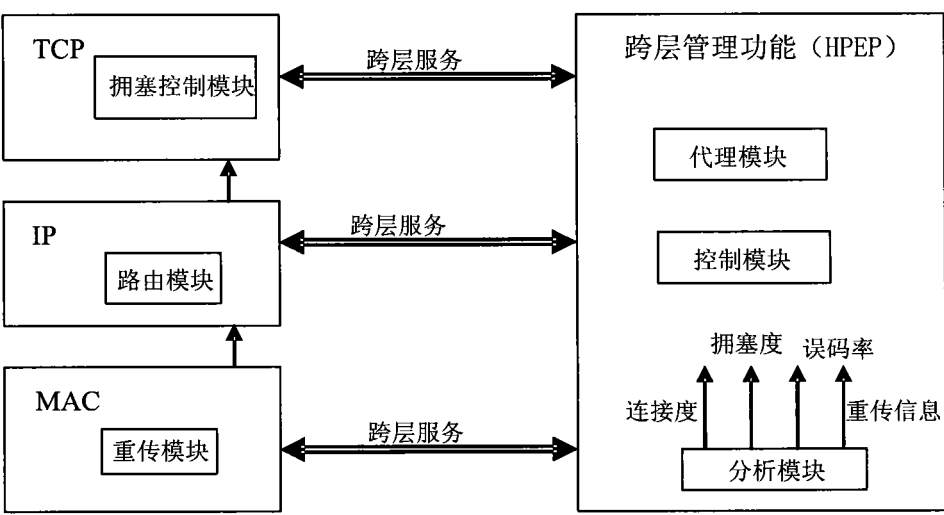
$$B_{neck}^n = (1 - \eta)B_{neck}^{n-1} + \frac{\eta}{2}(B_{sample}^n + B_{sample}^{n-1})$$

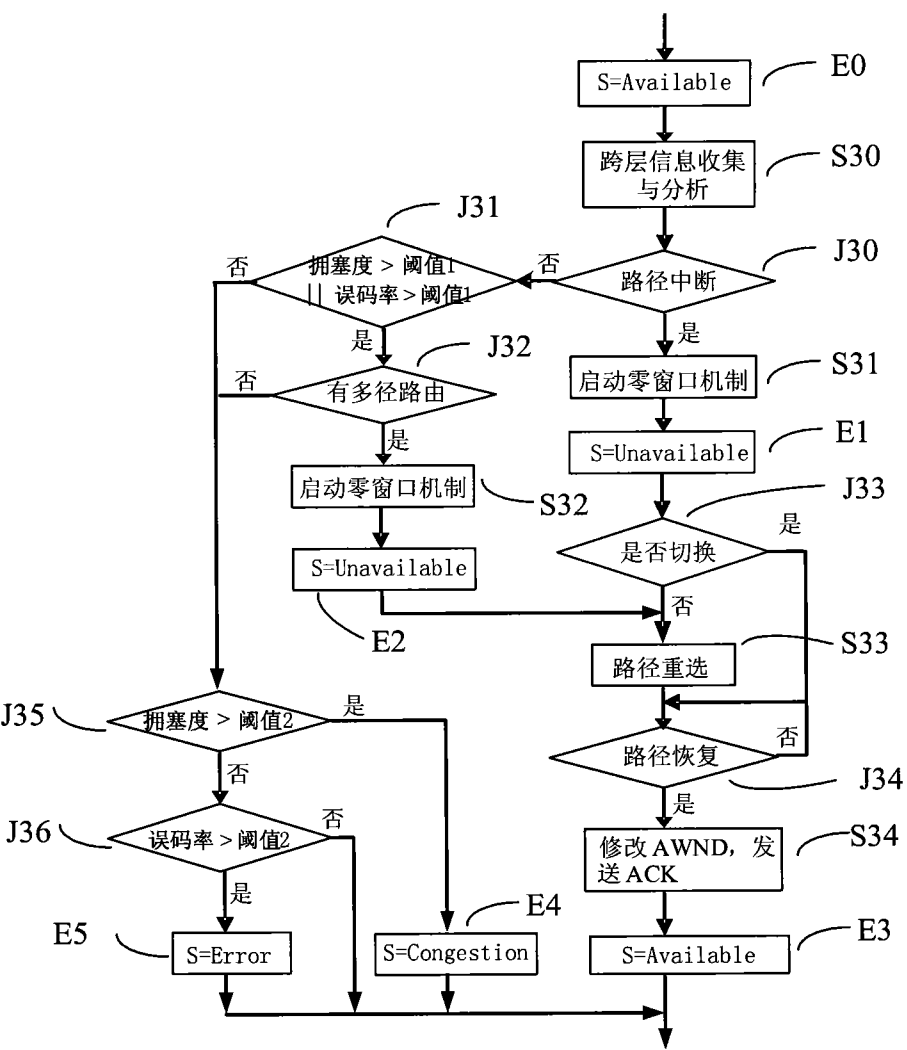
$$C_{ng} = \frac{PWND \times Size_seg - B^n_{neck} \times RTT_{min} / RTT_w}{PWND \times Size_seg}$$

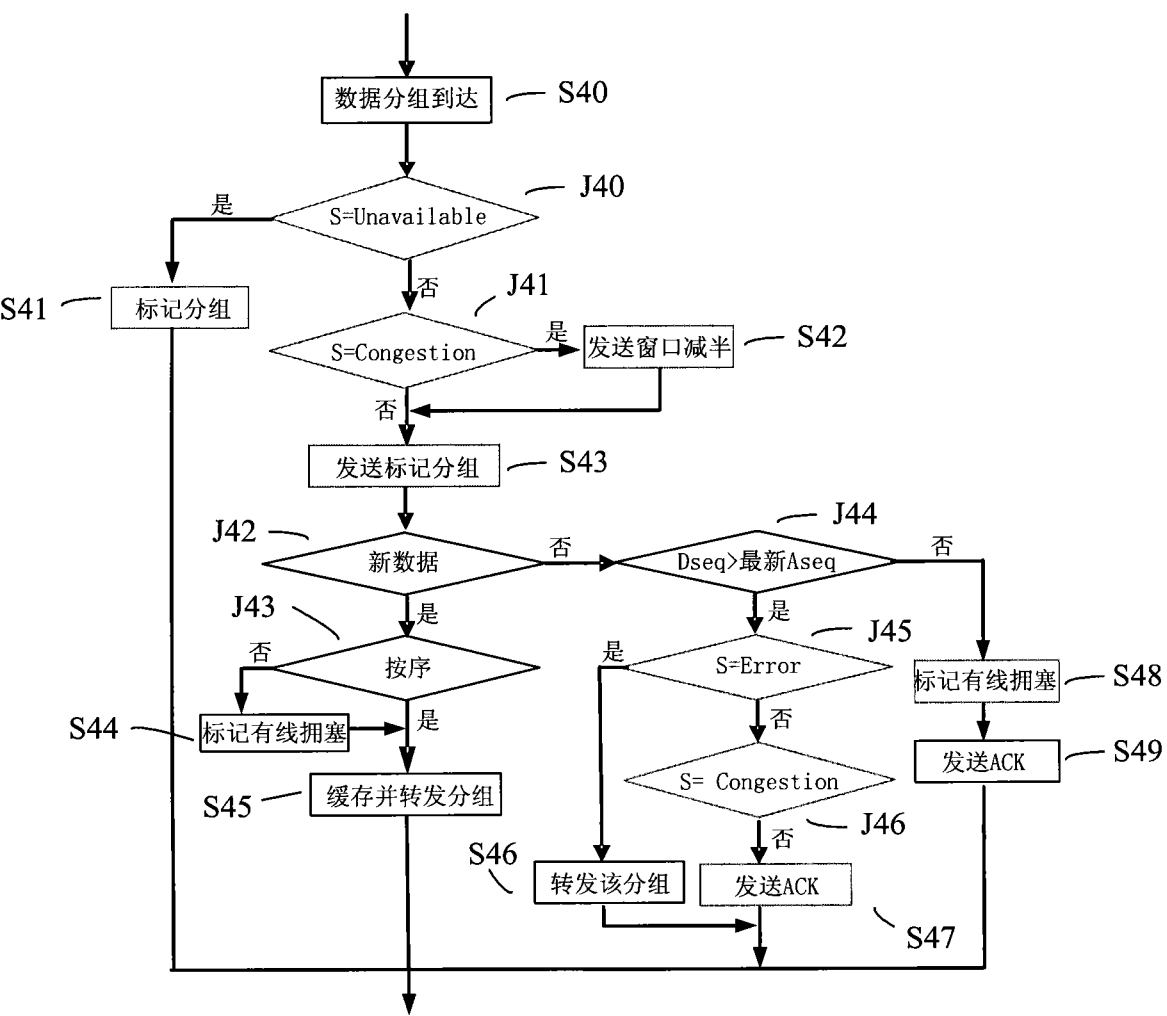
$$Err_{sample}^n = 1 - S_{success}^n / S_{total}^n$$

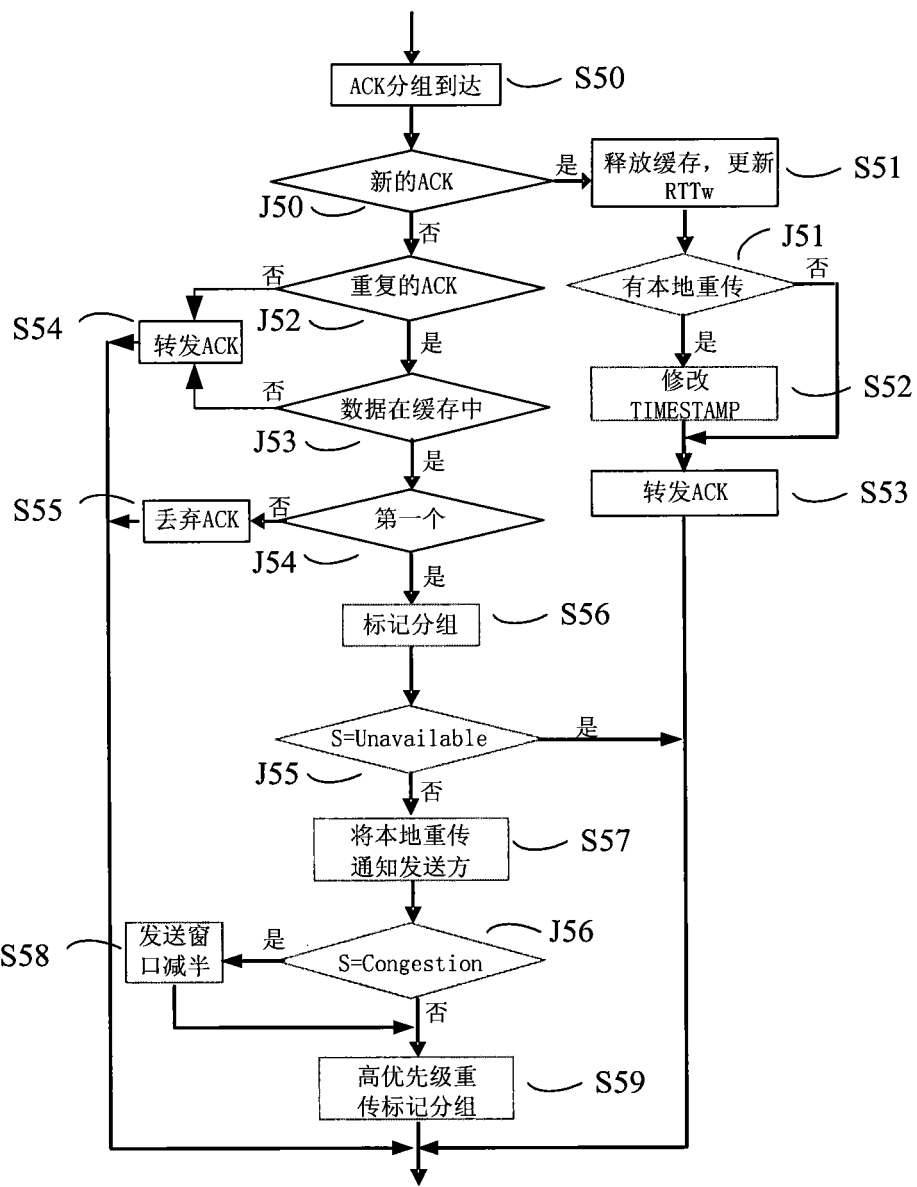
$$Err^n = (1 - \eta)Err^{n-1} + \frac{\eta}{2}(Err_{sample}^n + Err_{sample}^{n-1})$$

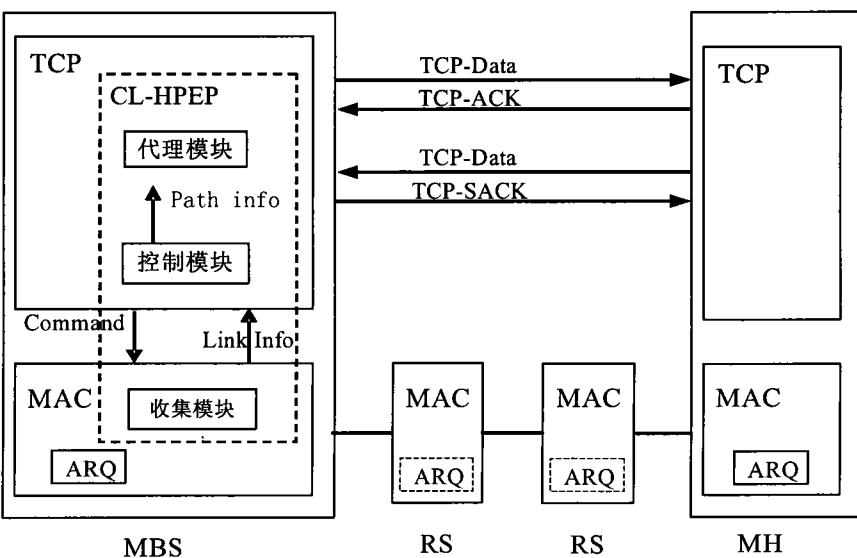


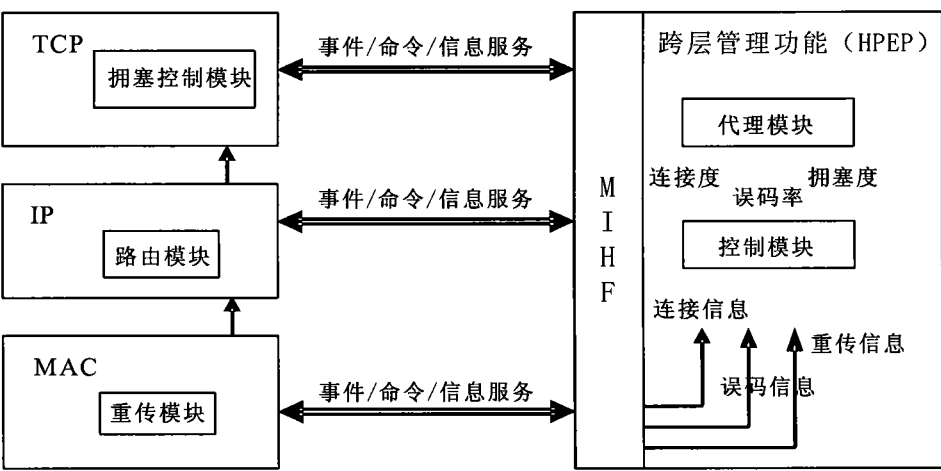


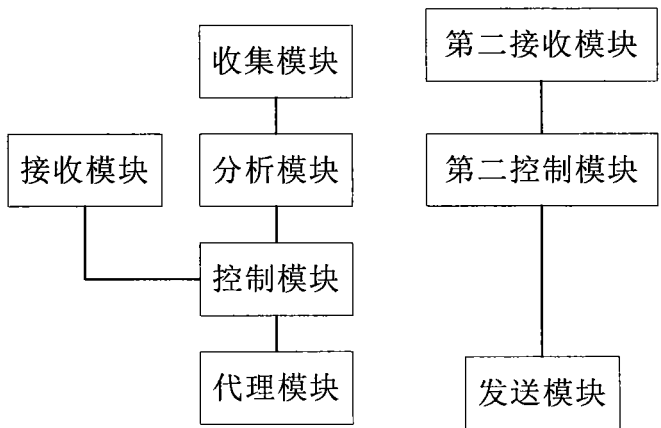












101

获取无线多跳网络的路径信息，根据所述无线多跳路径信息标记无线路径状态为可用Available、不可用Unavailable、拥塞Congestion或出错Error

102

接收来自无线路径接收端的确认通知ACK分组，若所述标记的无线路径状态不是Unavailable，则以高优先级对第一个重复的确认通知DupACK所对应的传输层数据TCPData分组进行本地重传；

103

将所述本地重传事件通知数据传输层发送端