

Require: Privacy level, delay condition, λ .

- 1: **Compute** $L_{\max}, L_{\min}, \mu_0, \mu_{Max}, \mu_{Min}, \xi_{\uparrow}, \xi_{\downarrow}$
 - 2: **while** ! Packet arrive **do**
 - 3: Wait
 - 4: **end while**
 - 5: Compute buffer length (L).
 - 6: **if** $L < L_{\min}$ **then**
 - 7: $\mu = \min(\mu - \xi_{\downarrow}, \mu_{Max})$
 - 8: **else if** $L > L_{\max}$ **then**
 - 9: $\mu = \min(\mu + \xi_{\uparrow}, \mu_{Min})$
 - 10: **end if**
 - 11: **if** λ changes **then**
 - 12: Go to 1
 - 13: **else**
 - 14: Go to 2
 - 15: **end if**
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