

**Require:** Privacy level, delay condition,  $\lambda$ .

**Input:** Privacy level, delay condition

**Output:** Privacy level, delay condition

1: **Input:** Privacy level, delay condition

2: **Output:** Privacy level, delay condition

3: **Compute**  $L_{\max}, L_{\min}, \mu_0, \mu_{Max}, \mu_{Min}, \xi_{\uparrow}, \xi_{\downarrow}$

4: **while** ! Packet arrive **do**

5:   Wait

6: **end while**

7: Compute buffer length ( $L$ ).

8: **if**  $L < L_{\min}$  **then**

9:    $\mu = \min(\mu - \xi_{\downarrow}, \mu_{Max})$

10: **else if**  $L > L_{\max}$  **then**

11:    $\mu = \min(\mu + \xi_{\uparrow}, \mu_{Min})$

12: **end if**

13: **if**  $\lambda$  changes **then**

14:   Go to 1

15: **else**

16:   Go to 2

17: **end if**

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