

Congestion Control Policy 1

Statistics Mask: [1, 0, 1, 1, 1]

Optimization:

- variable(s): w_0
- objective: maximize w_0
- constraints:
 - (i) $4 < w_0 < 20$
 - (ii) $\forall l \in L,$
 $\mathcal{U}(l) \times (1 + w_0 \times \xi(l) \times \mathcal{F}(l)) \leq 70\%$

Mapping Rule(s):

{5..8}: ($\text{_drop} < 1\%$) \Rightarrow $\text{_init_cwnd} = \lceil w_0 \rceil$
{1..4}: (TRUE) \Rightarrow $\text{_init_cwnd} = 5$



CUE 1

Update Rule:

($\text{_drop} < 1\%$) \Rightarrow $\text{_init_cwnd} = 12$

(a)

Congestion Control Policy 2

Statistics Mask: [1, 0, 0, 0, 0]

Optimization:

- variable(s): *null*
- objective: *null*
- constraints:
 - $\forall l \in L, \mathcal{U}(l) \leq 80\%$

Mapping Rule(s):

{1..8}: (TRUE) \Rightarrow $\text{_tcp_variant} = \text{CUBIC}$



CUE 2

Update Rule:

(TRUE) \Rightarrow $\text{_tcp_variant} = \text{CUBIC}$

(b)