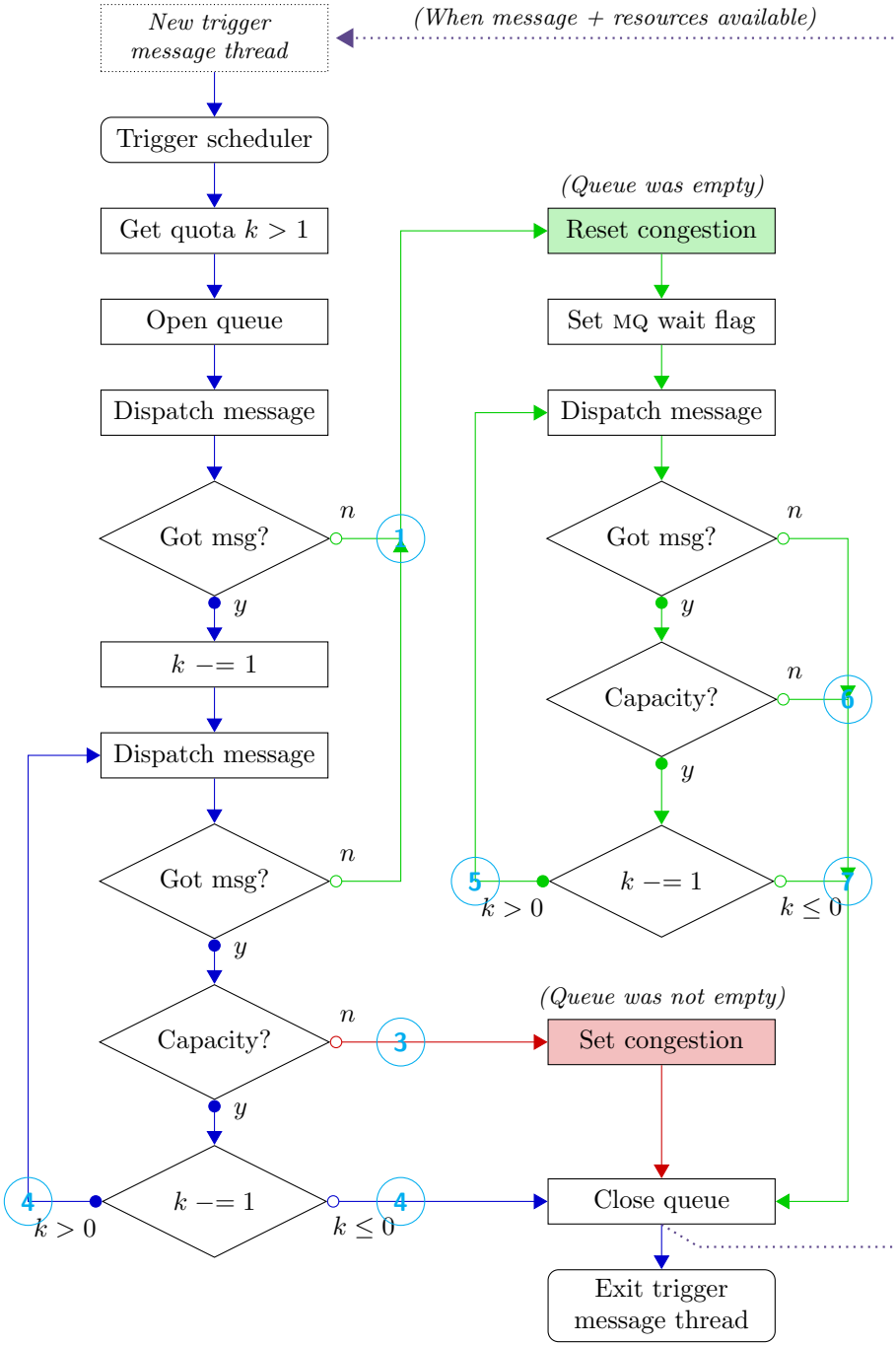
New trigger message thread
(When message + resources available)
Trigger scheduler
Get quota $k > 1$
Open queue
Dispatch message
Got msg?
n
y
1
$k -= 1$
Dispatch message
Got msg?
n
y
Capacity?
n
3
y
$k -= 1$
4
$k > 0$
$k \leq 0$
4
(Queue was empty)
Reset congestion
Set MQ wait flag
Dispatch message
Got msg?
n
y
Capacity?
n
6
y
$k -= 1$
5
$k > 0$
$k \leq 0$
7
(Queue was not empty)
Set congestion
Close queue
Exit trigger message thread