

## Question 1

1 point possible (graded)

We have defined the state as the number of clients in the system. The number of states in an M/M/C/C system is then:

☐ Finite

☐ Infinite

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## Question 2

1 point possible (graded)

Consider the system described by the transition diagram of the M/M/C/C. What is the mean service time?

Tip: remember the parameters of the model.

☐  $\mu$

☐  $1/\mu$

☐  $k \cdot \mu$



$$(1/k) \cdot (1/\mu)$$

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