

$$\lambda_{CPU} = \frac{R}{1-P} = \frac{2 \text{ pet/s}}{1-0.8} = 10 \text{ pet/s}$$

$$y_{cpu} = \frac{1}{T_1} = \frac{1}{z_0 \sqrt{10^{-3}}} = \frac{1}{z_0 \sqrt{10^{-3}}}$$

PU (M/M

$$L_{q} = \frac{\rho q \cdot \rho}{1 - \rho} = \frac{\rho_{2} \cdot \rho_{1}}{1 - \rho_{1}} = 1.38 \cdot 10^{-3} \text{ pet}$$

$$P = \frac{1}{cy} = \frac{10 \text{ pet/5}}{2.50 \text{ pet/5}} = 0.1$$

$$Pq = \frac{P2}{0.9} = \frac{0.016}{0.9} = 0.017$$

$$L_{q} = \frac{\lambda^{2}}{y(y-b)} = \frac{8^{2}}{10(10-8)} = 3.2 \text{ pet}$$

$$E_{q} = \frac{\lambda^{2}}{101AL} = L_{q} c_{pu} + L_{q} c_{usco} = 3.2 + 0.188.10^{-2}$$

$$W_{TOTAL}: \frac{L_{TOTAL}}{R} = \frac{L_{DISCO} + L_{CDU}}{R} = \frac{4 + 0.20188}{2 \text{ pef/s}} = 2.10 \text{ So}$$

$$b = \frac{n}{y} = \frac{10}{8} = 0.48$$

Pisco > focks uhlizaren CPU purde 3 ruello botella.

Solucion posibles / ++ N de disco

Permisos Aumento recursos por colocación

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