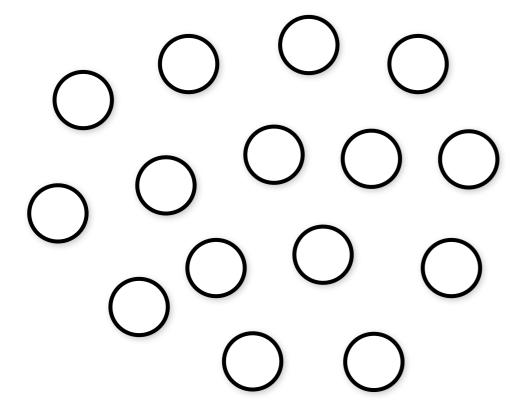
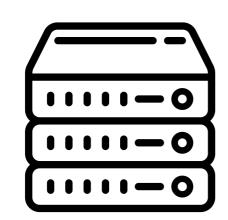
Flow Relay System for UDP

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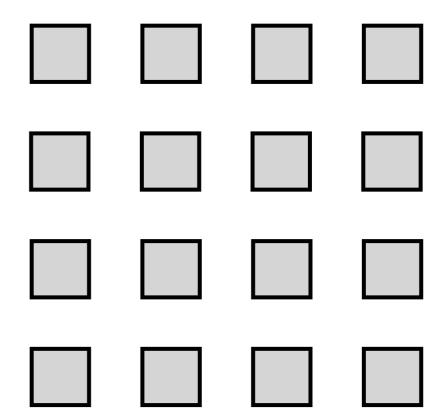
Relays

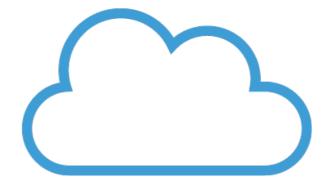




Master Server

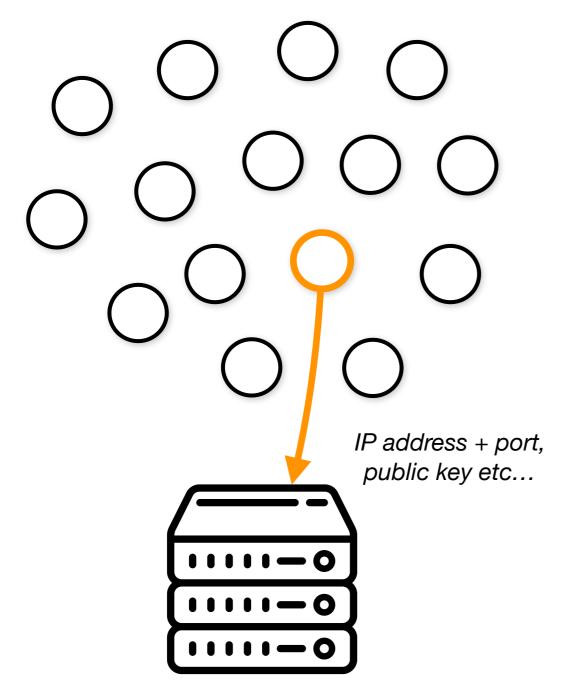
Servers





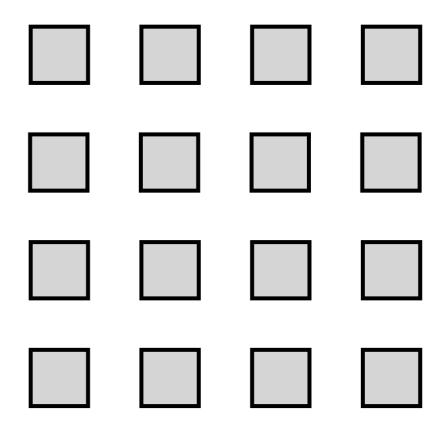
Matcher

Relays



Master Server

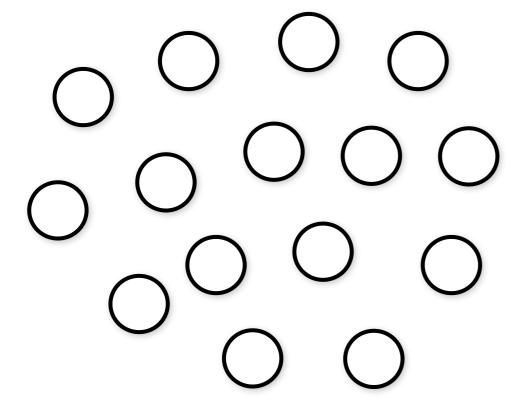
Servers

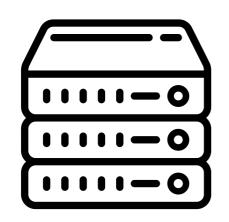




Matcher

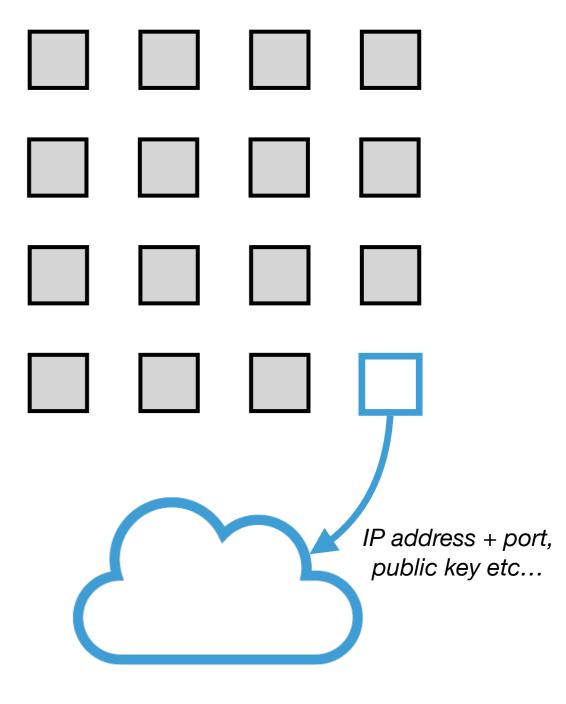
Relays





Master Server

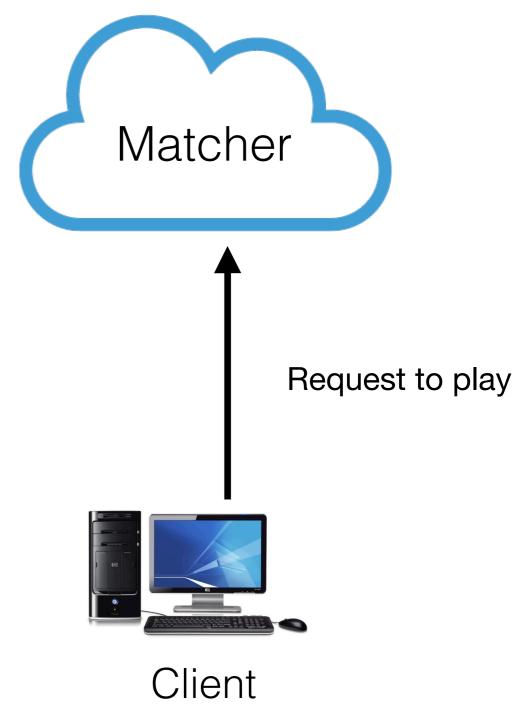
Servers



Matcher



Master Server

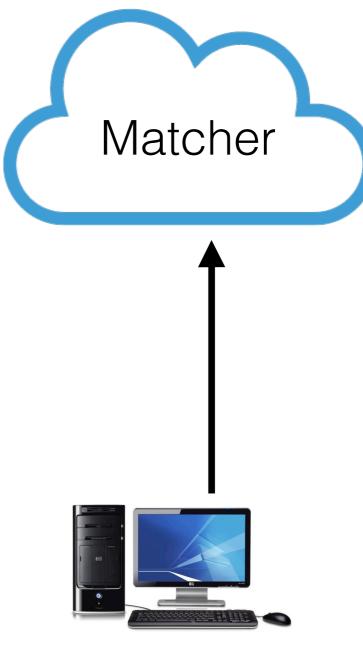




Master Server

List of servers

 $\left[\ S_{0},\, S_{1},\, S_{2}\, ...\, S_{n\text{-}1} \ \right]$



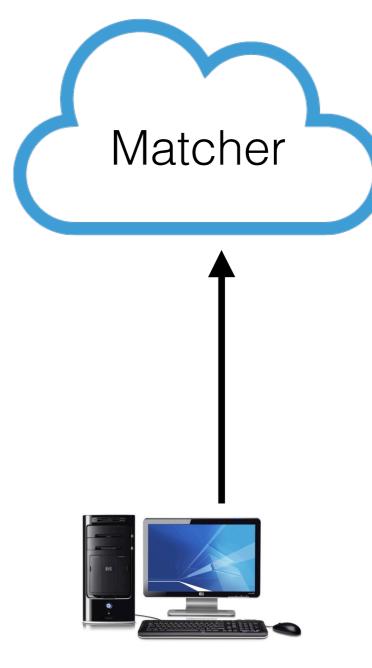
Client



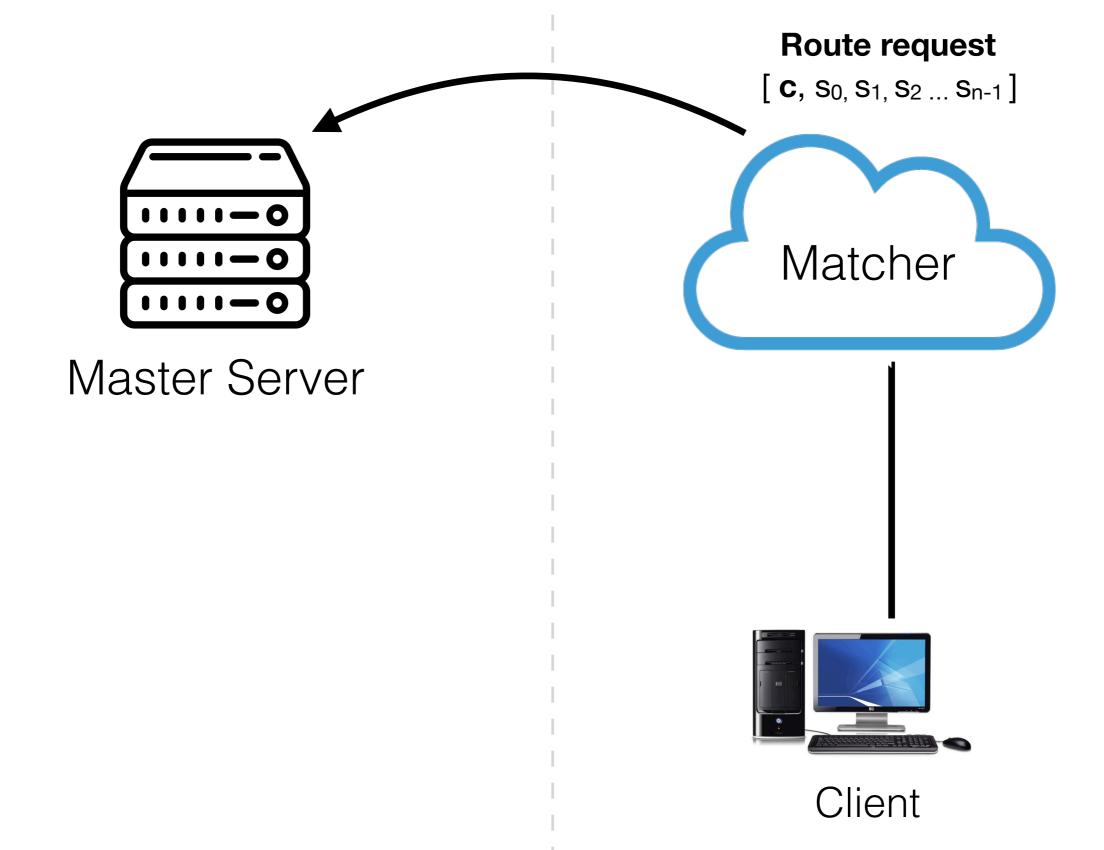
Master Server

Route request

 $\left[\ \boldsymbol{C}, \ S_{0}, \, S_{1}, \, S_{2} \, ... \, S_{n-1} \, \right]$

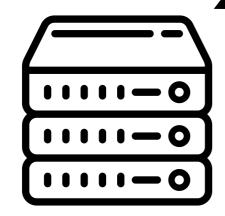


Client





 $[r_0, r_1, r_2 ... r_{n-1}]$



Master Server

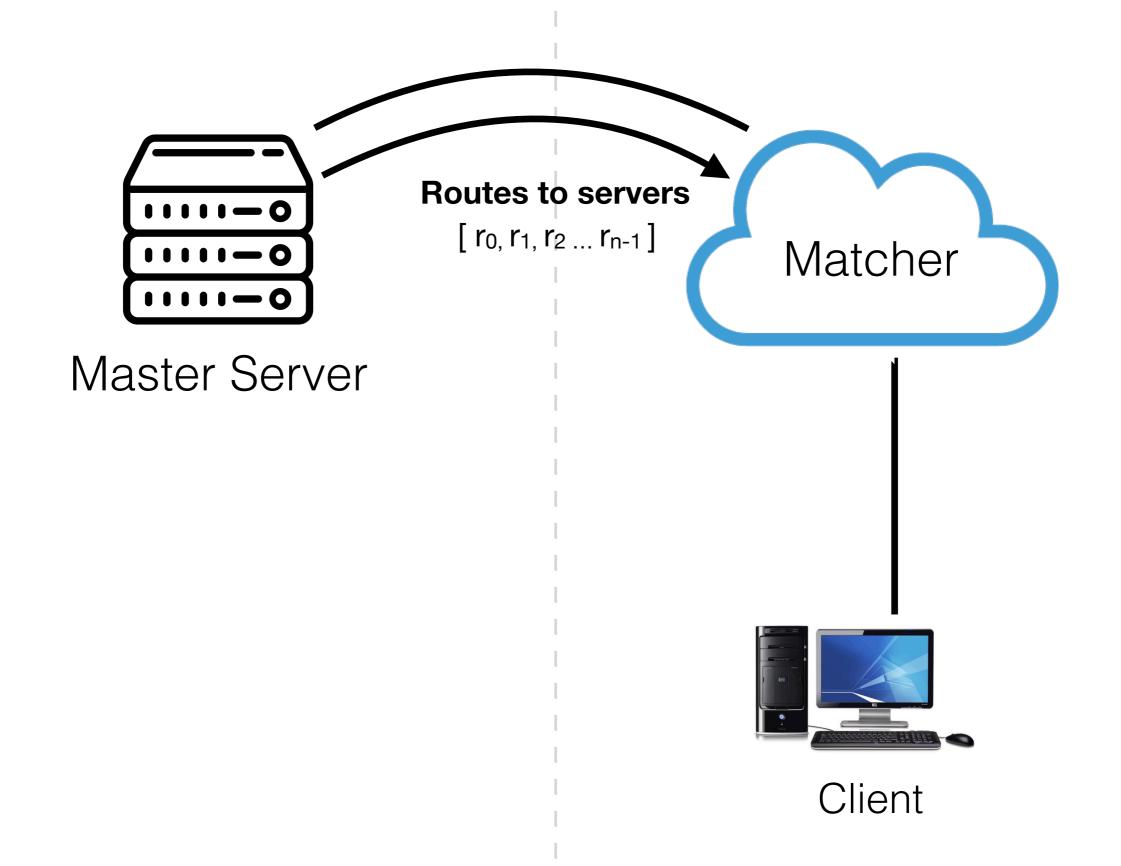
Route request

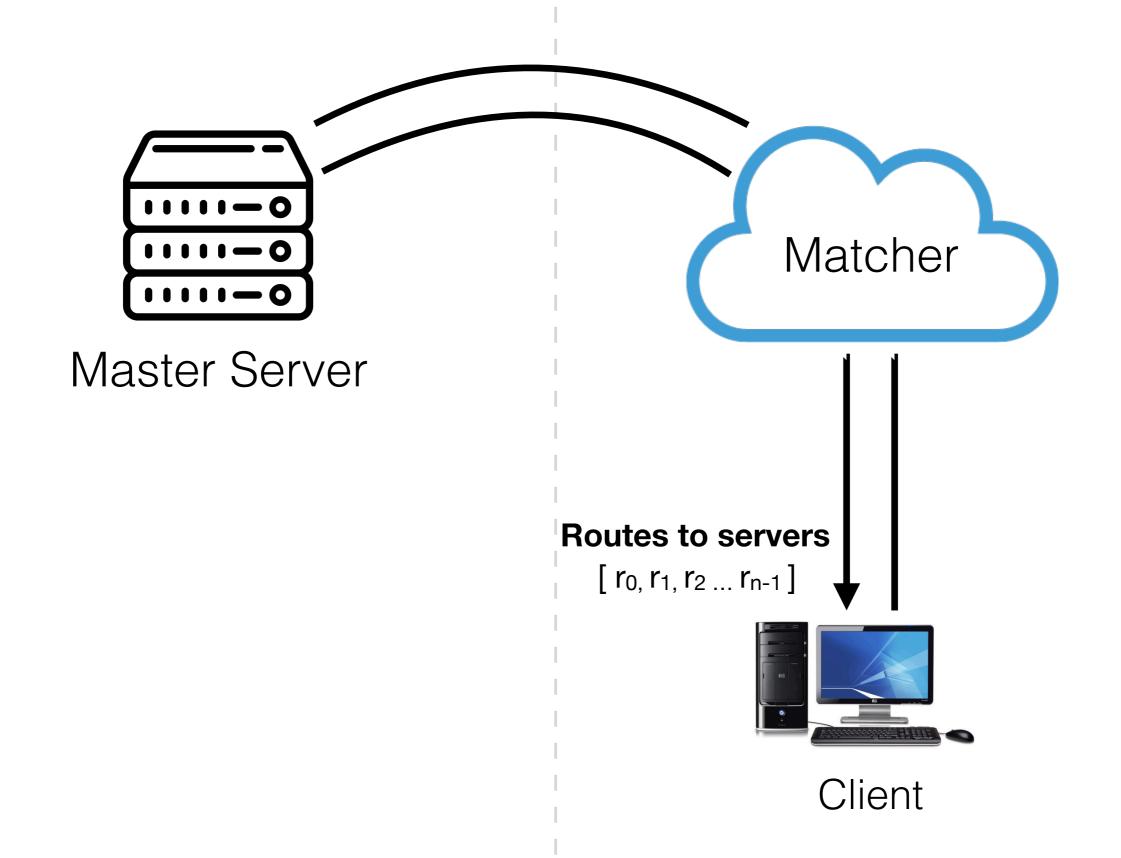
 $[\mathbf{C}, S_0, S_1, S_2 \dots S_{n-1}]$

Matcher

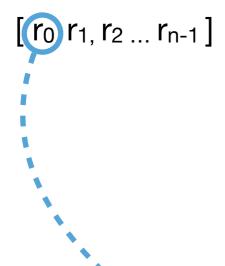


Client

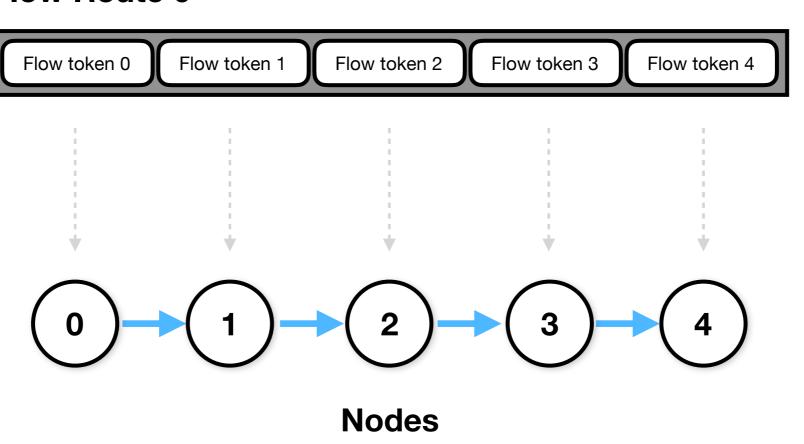




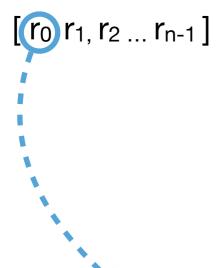
Routes to servers



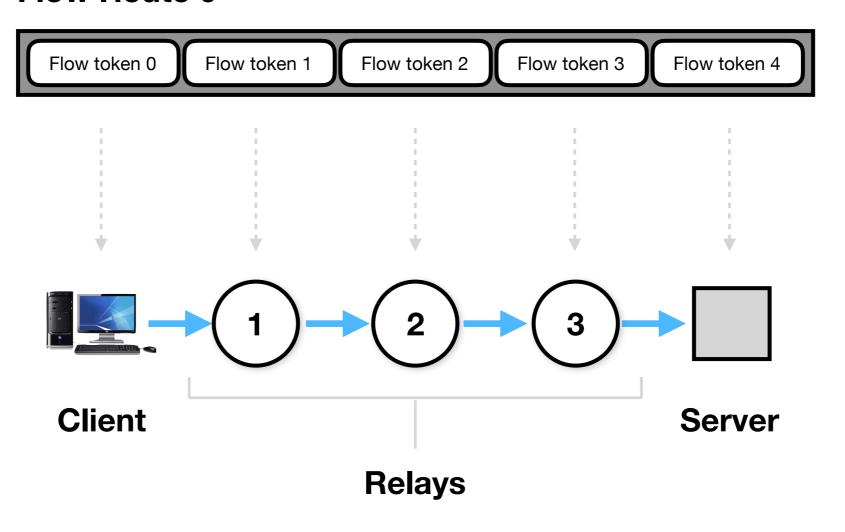
Flow Route 0



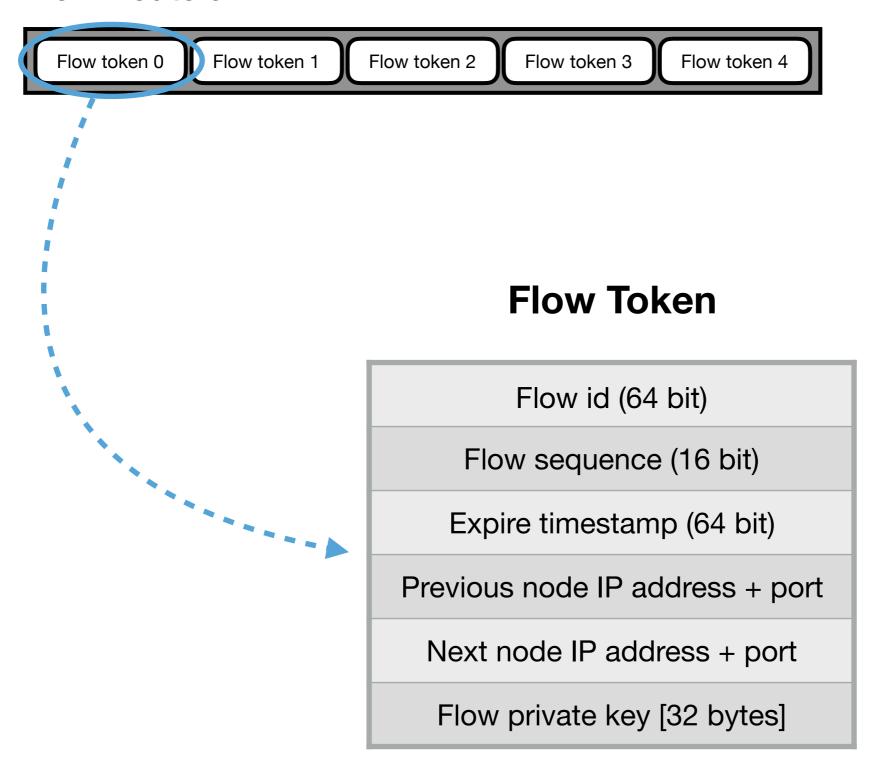
Routes to servers

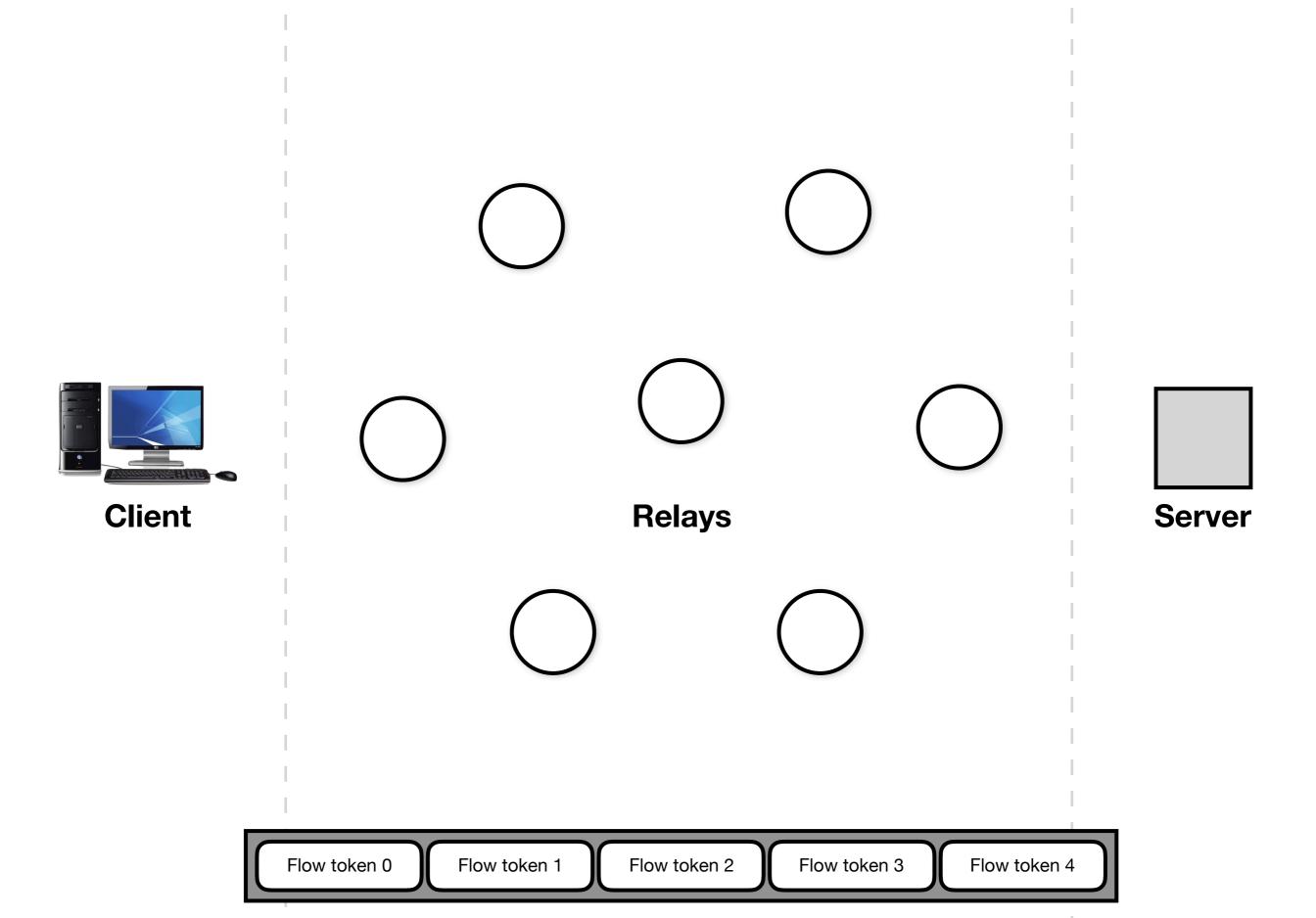


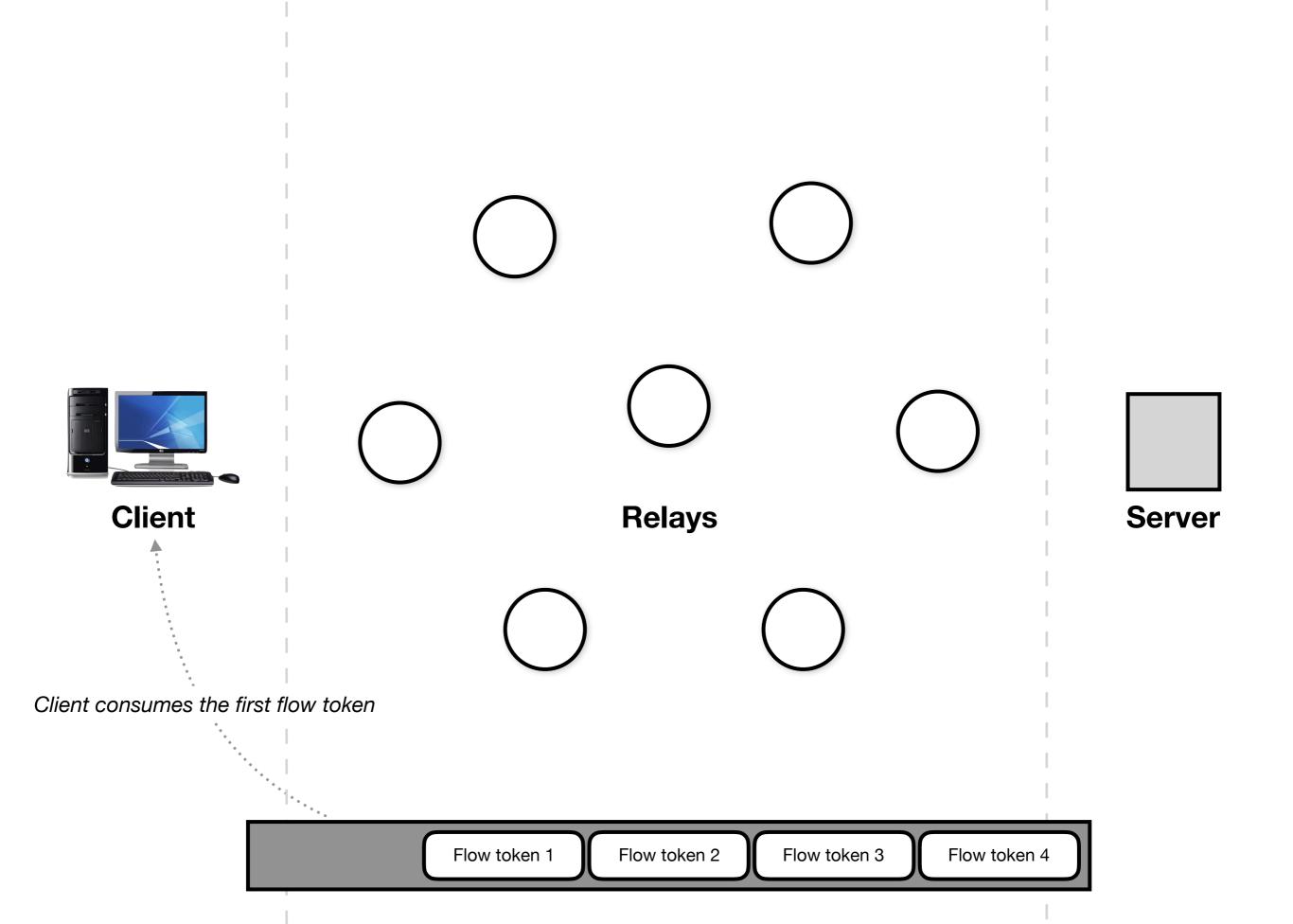
Flow Route 0

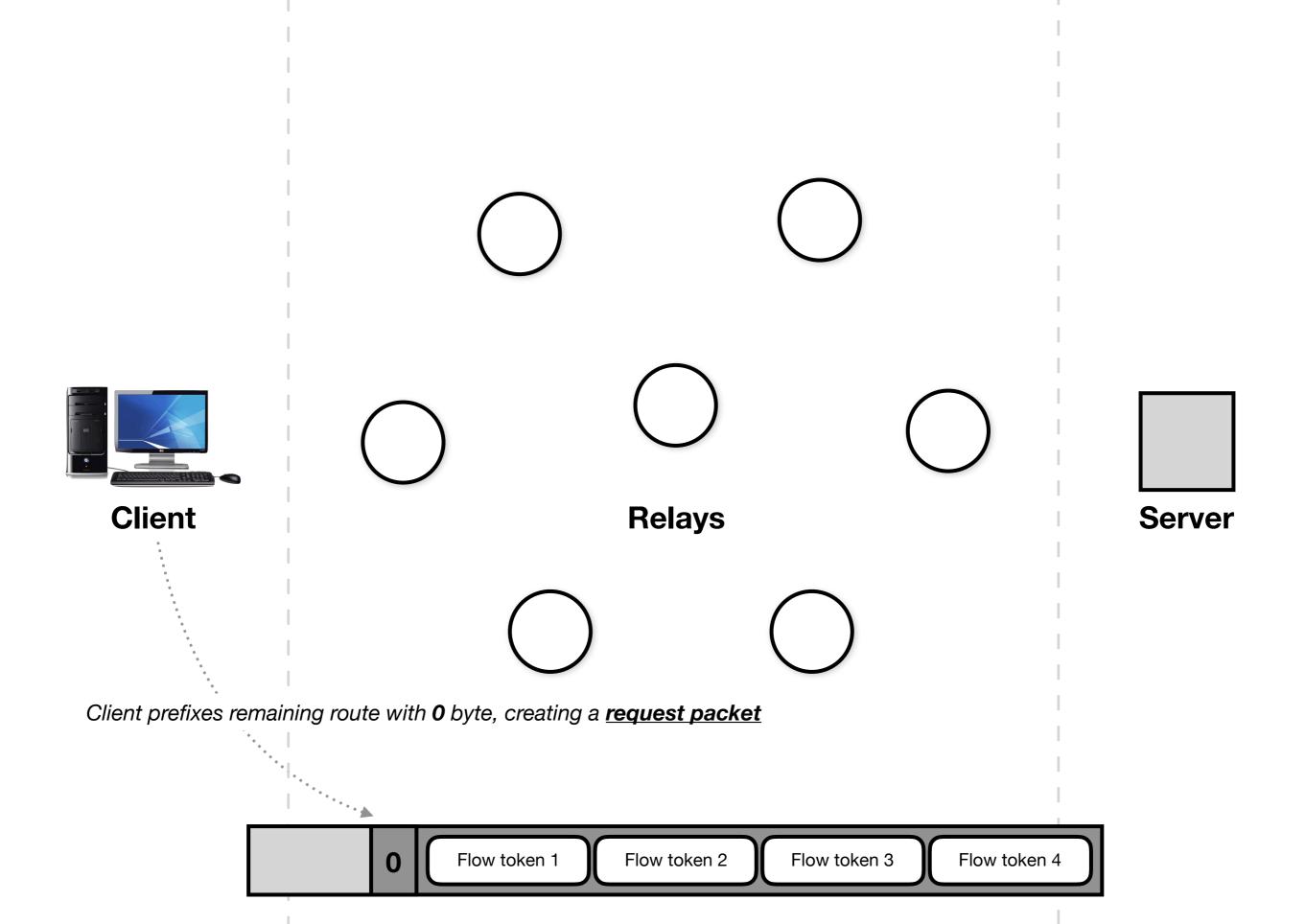


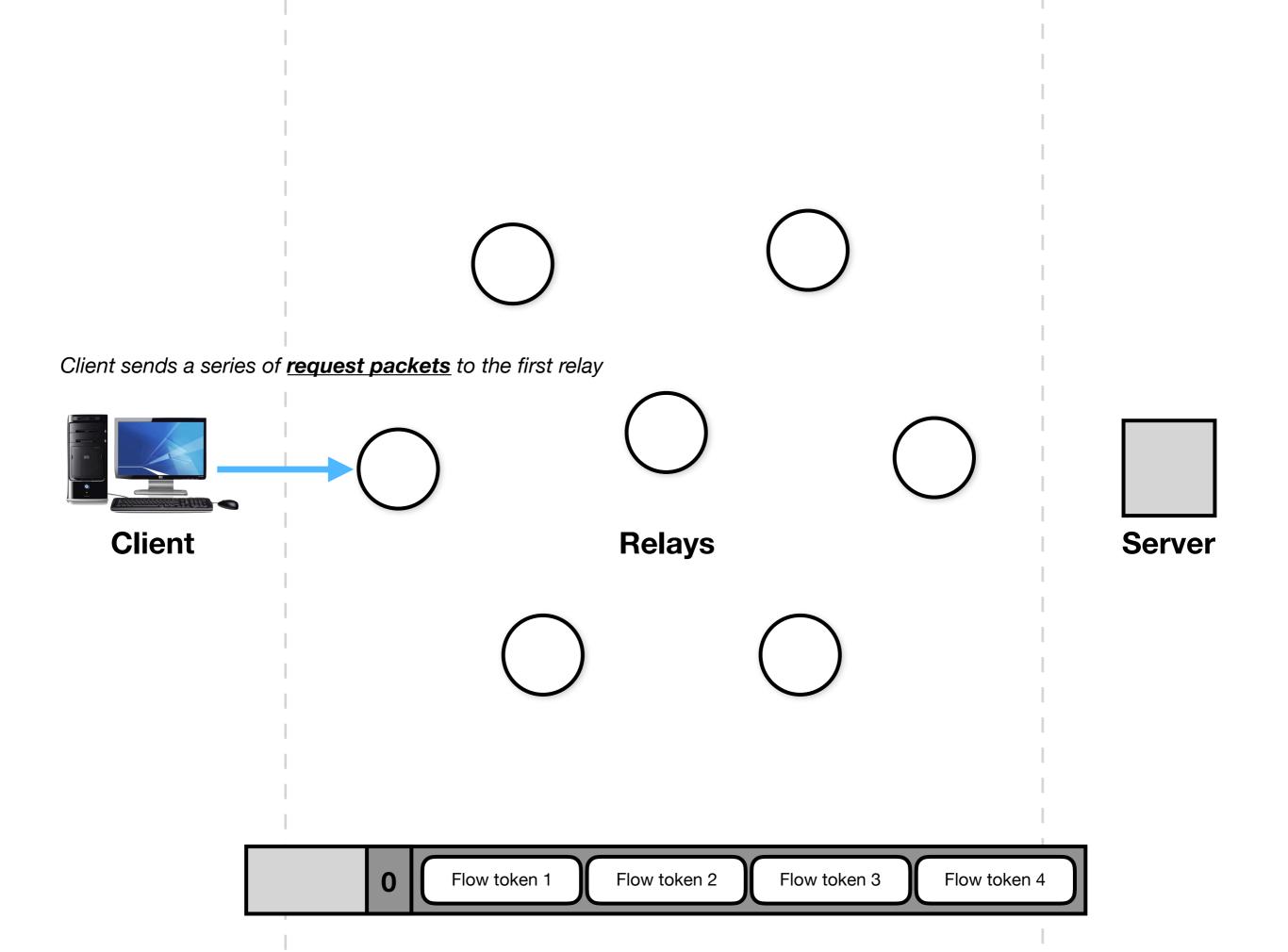
Flow Route 0

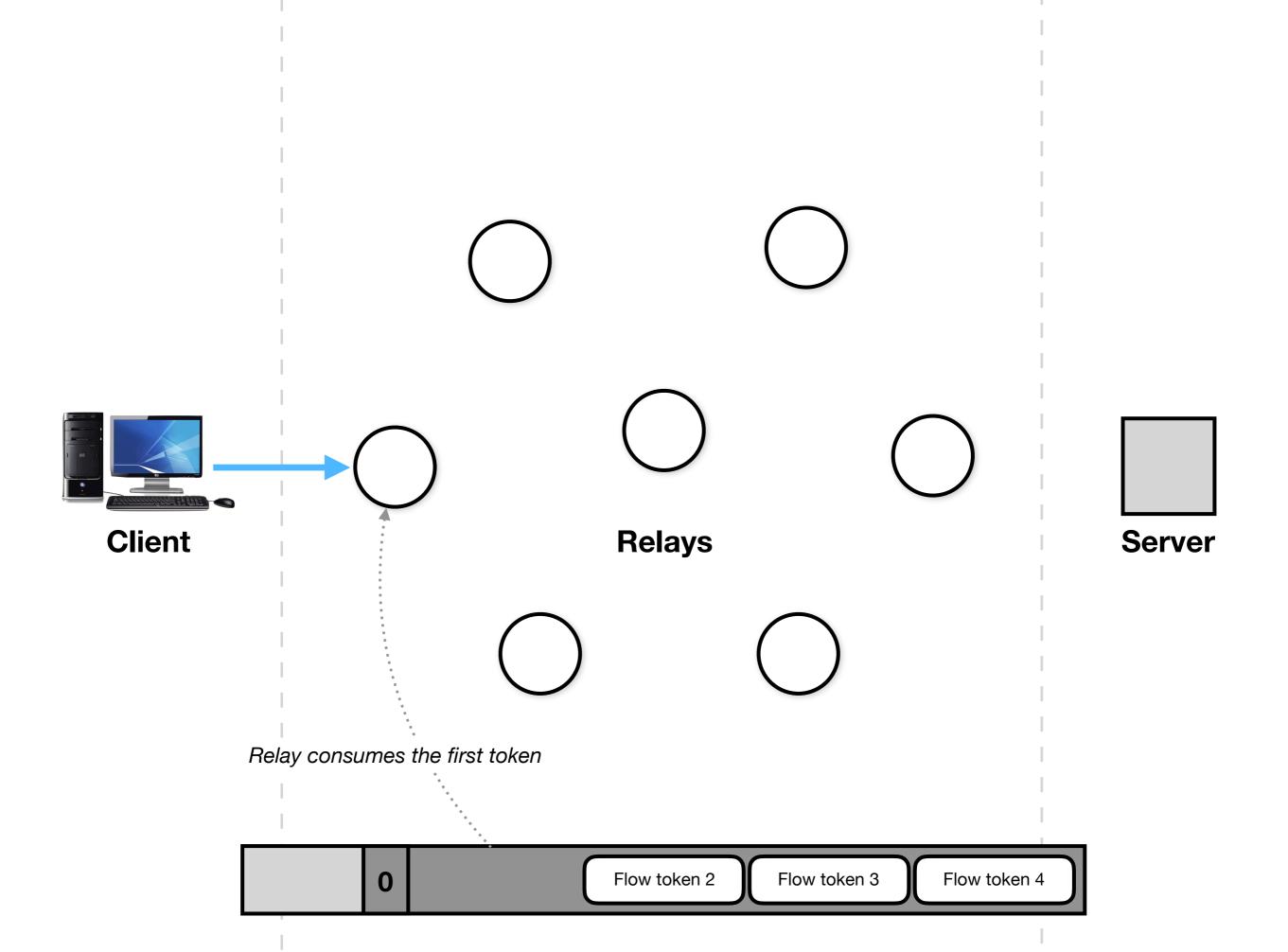


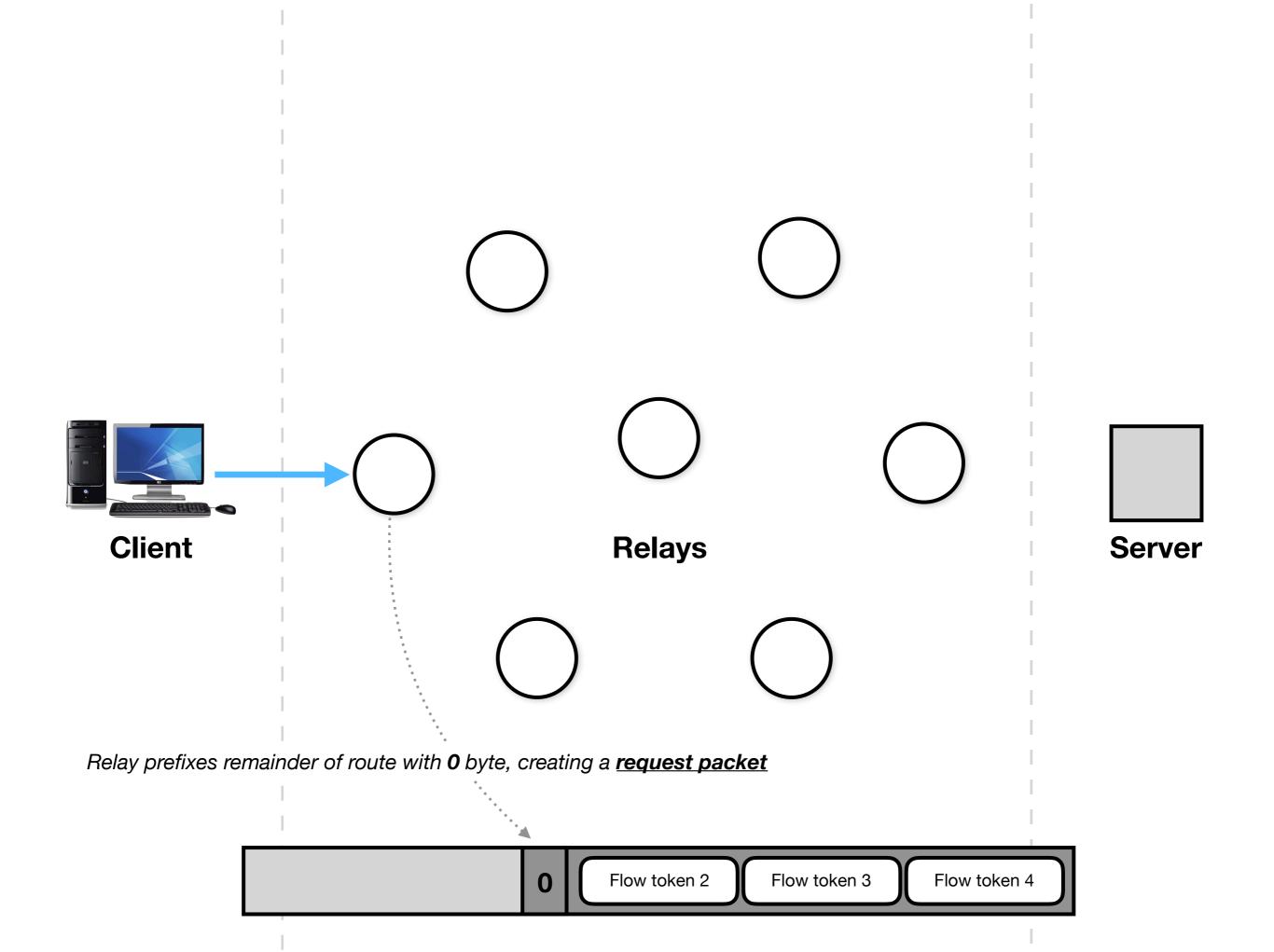


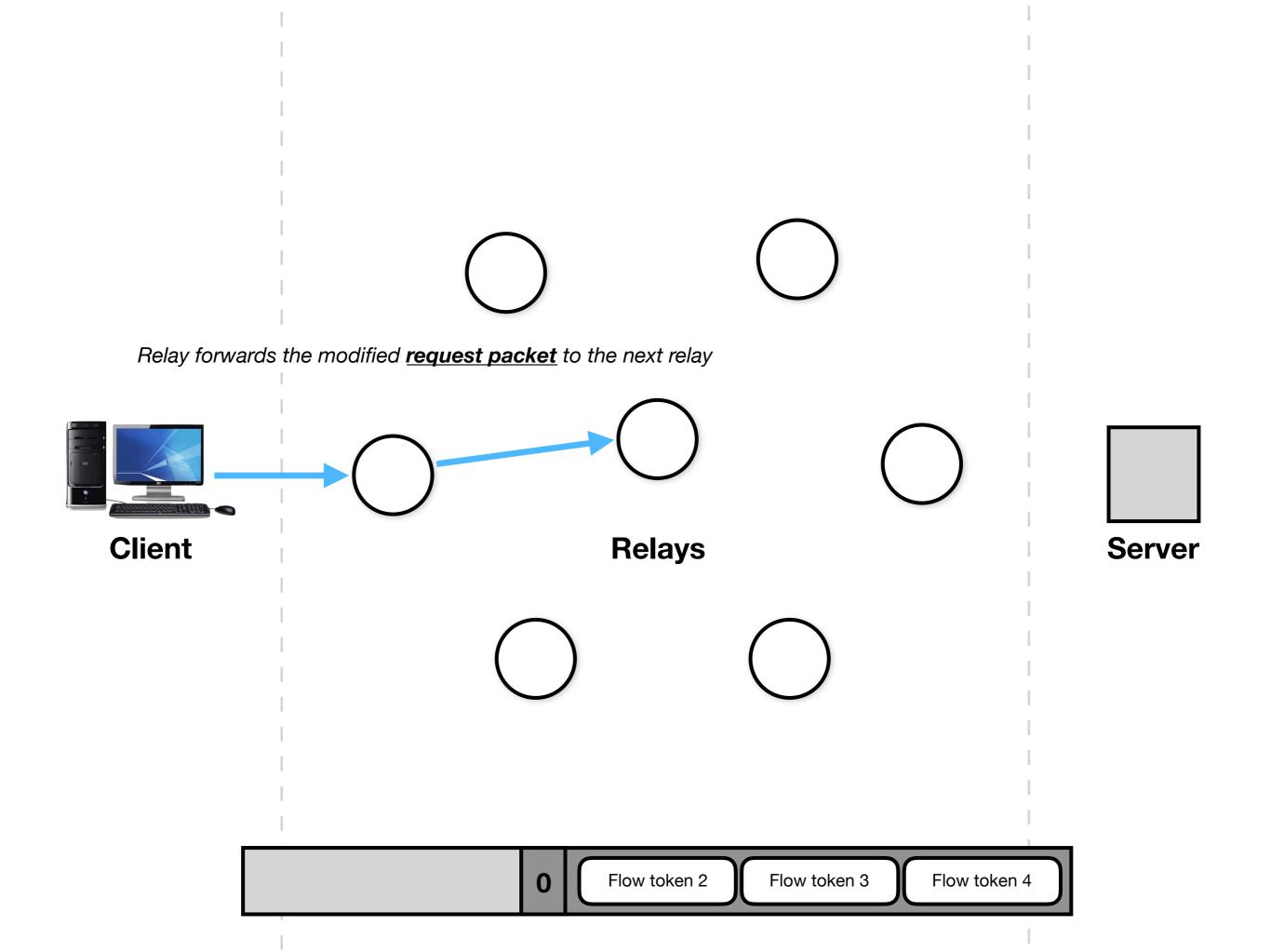


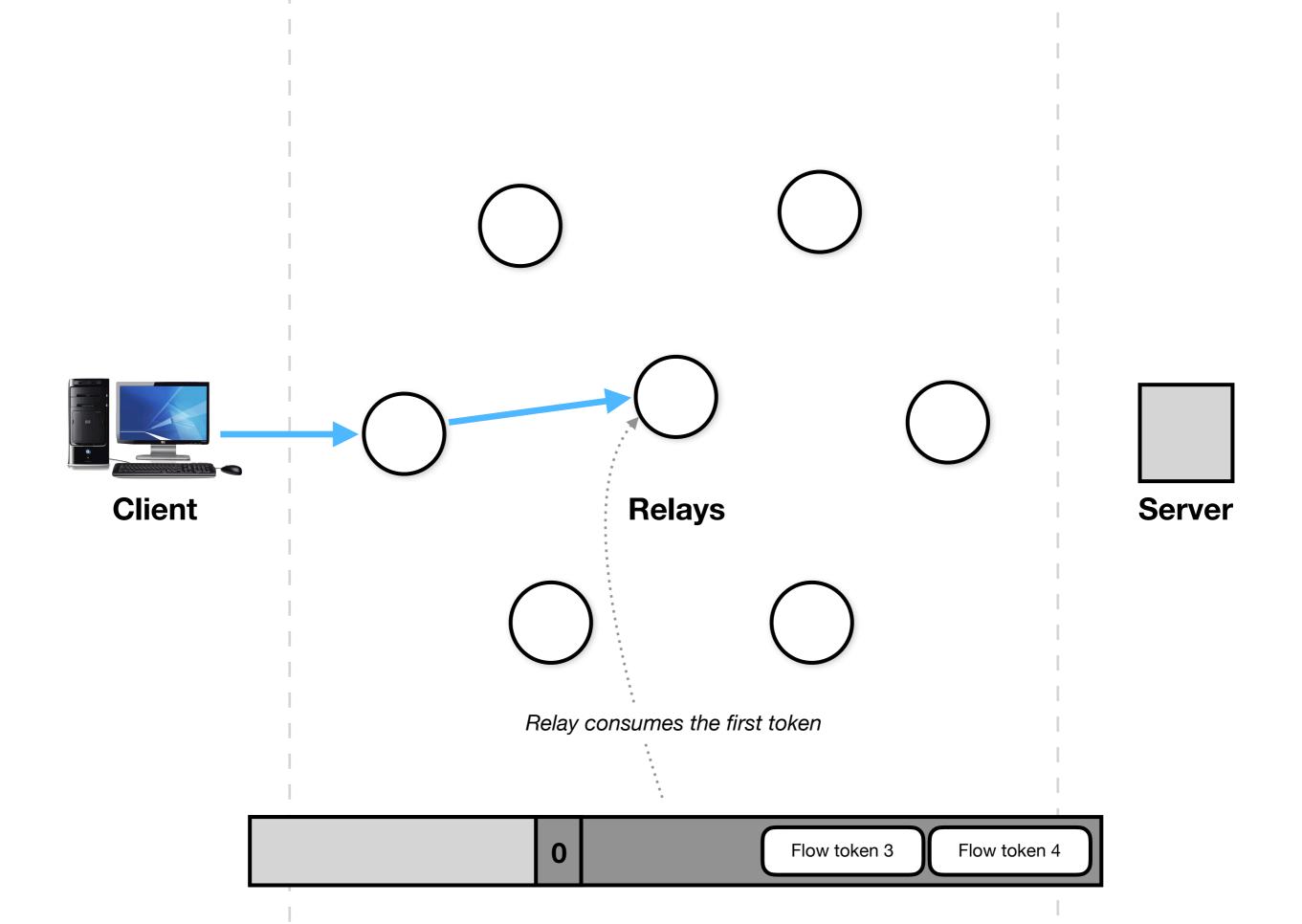


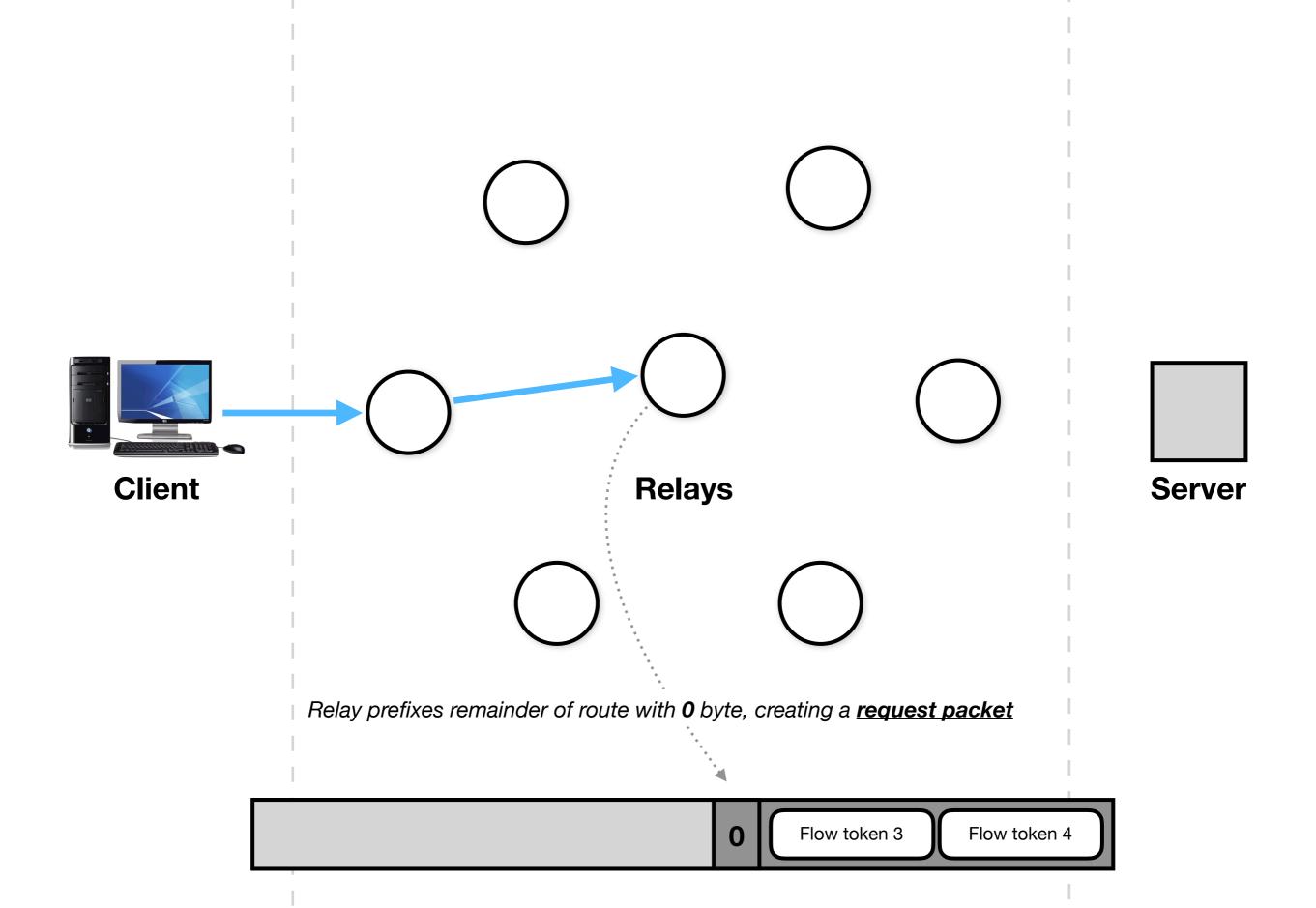


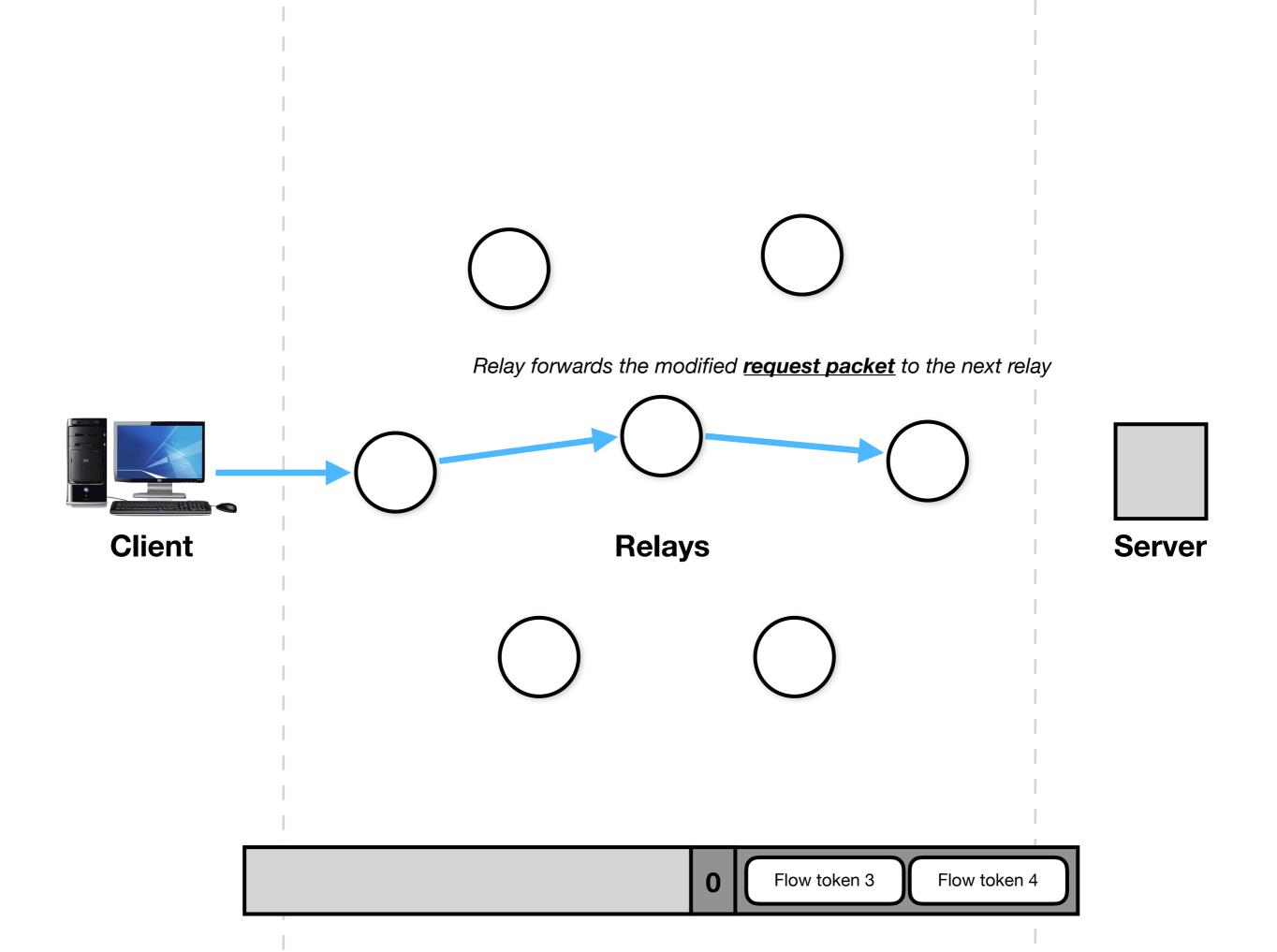


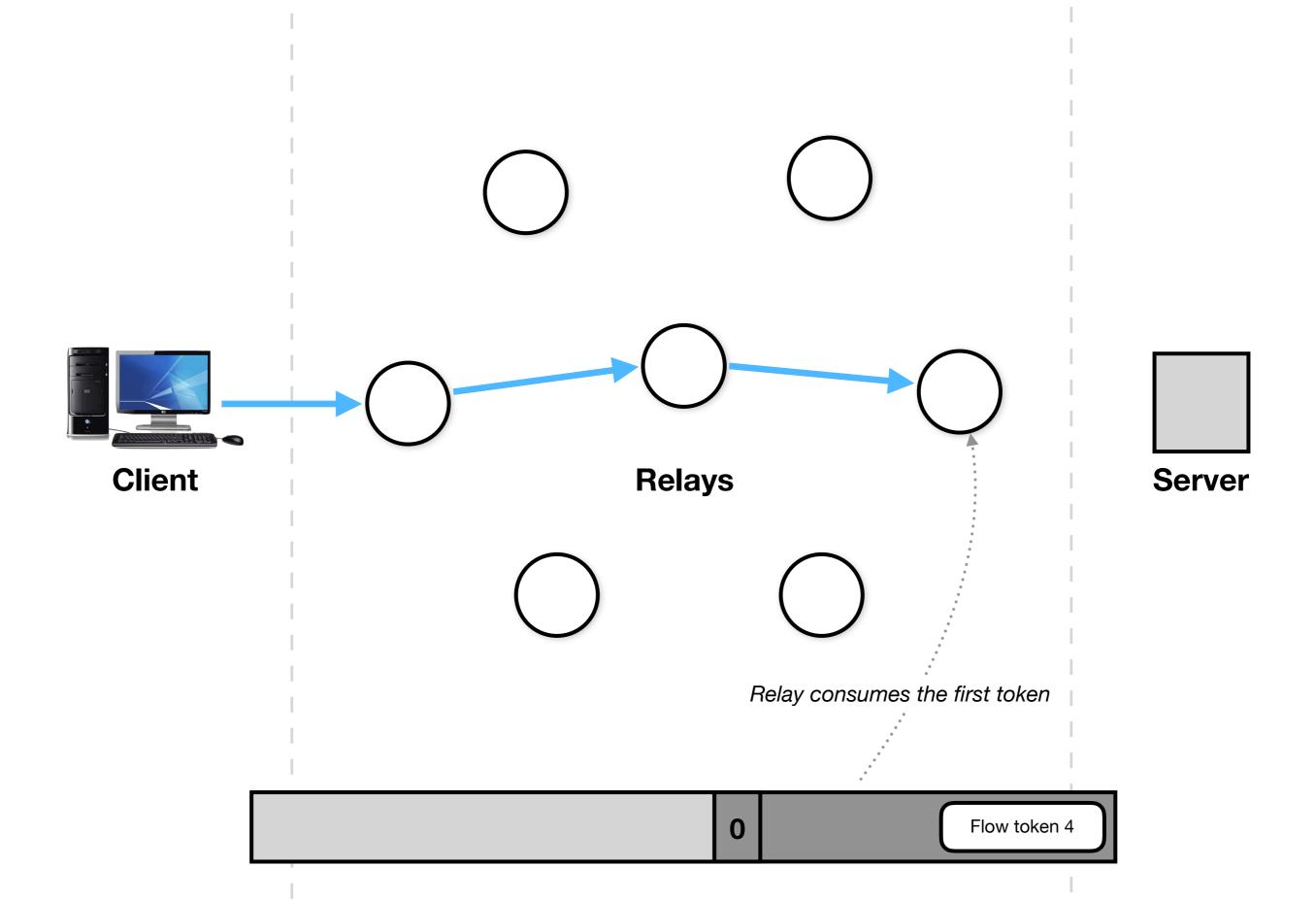


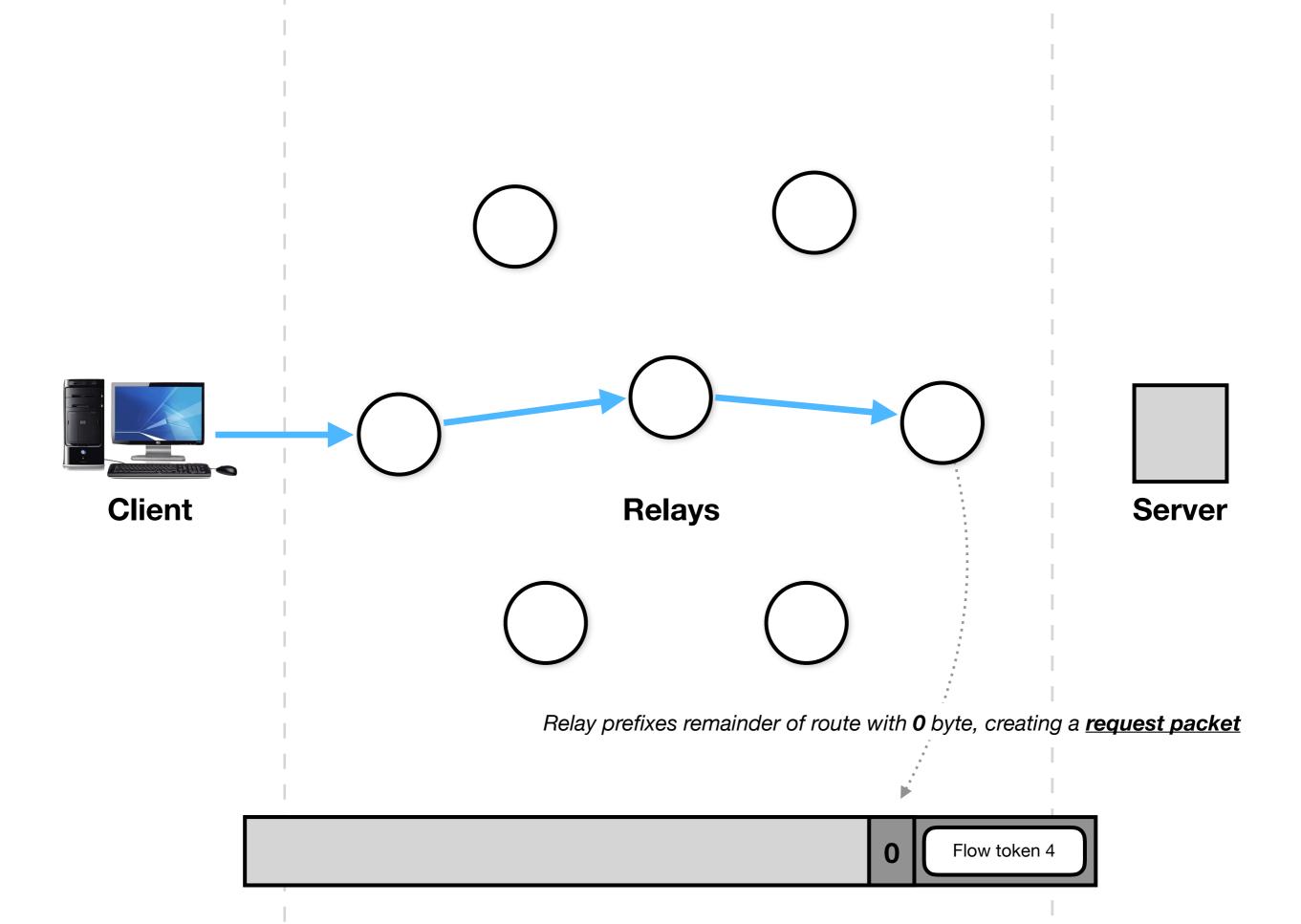


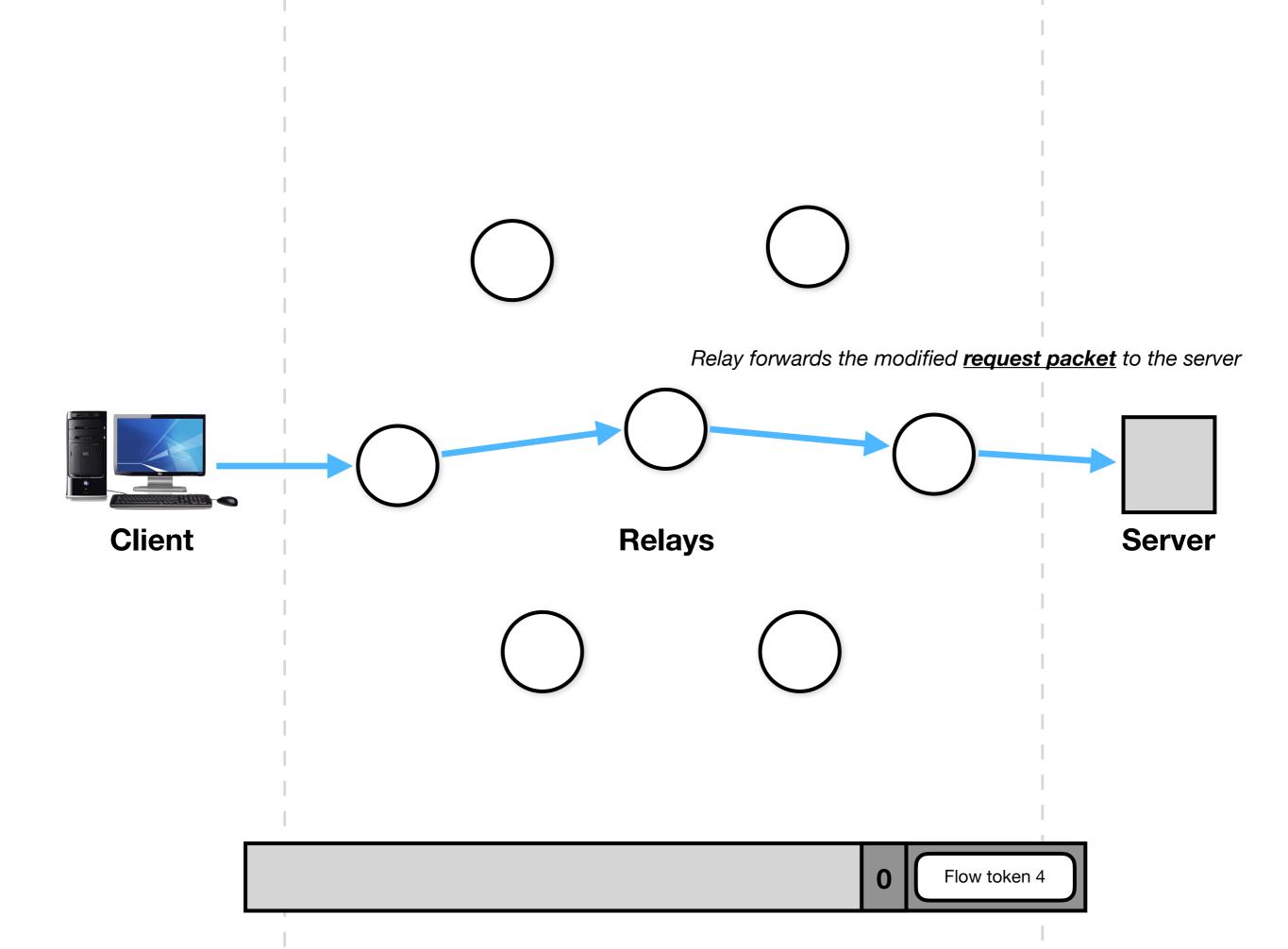


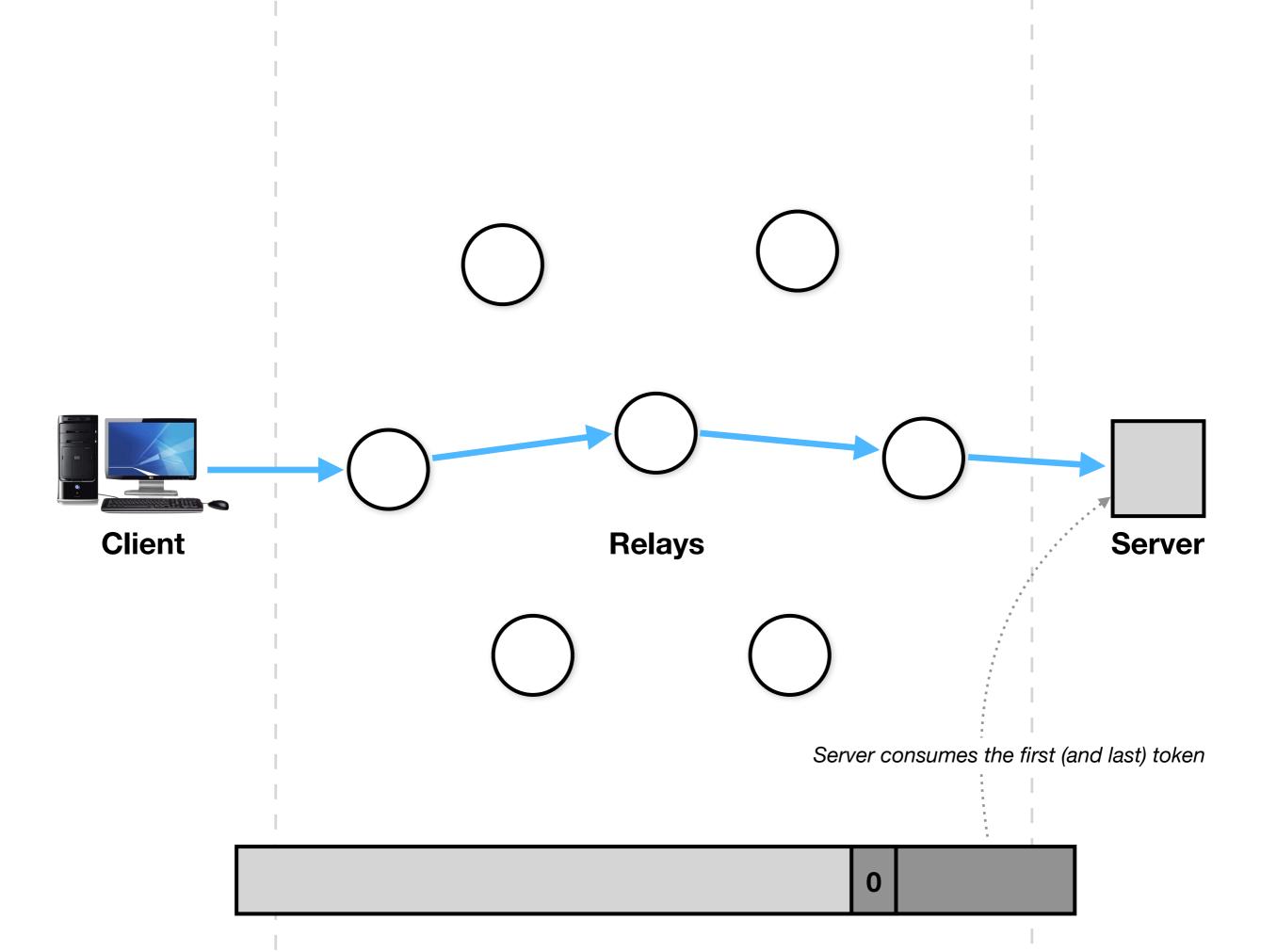


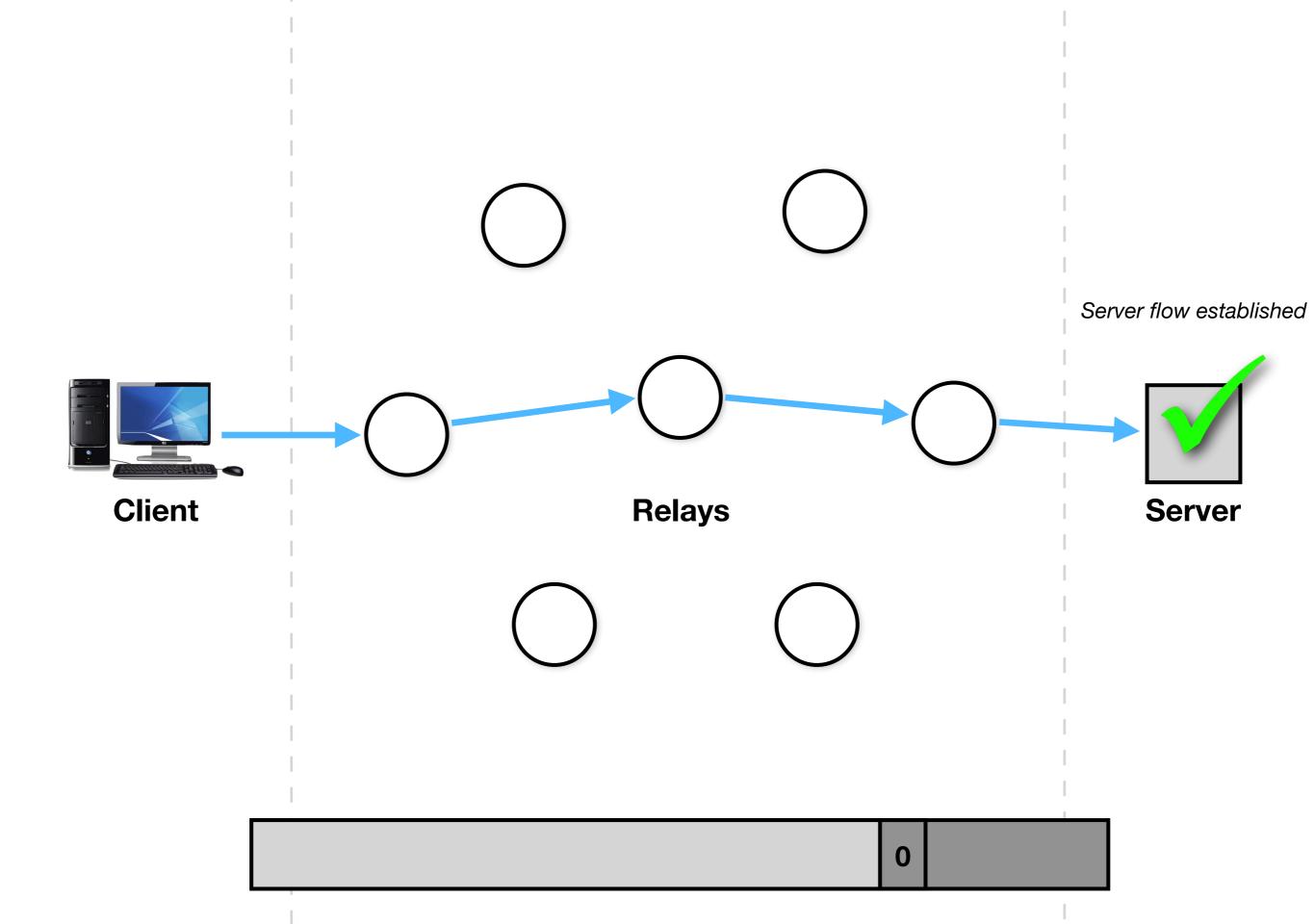


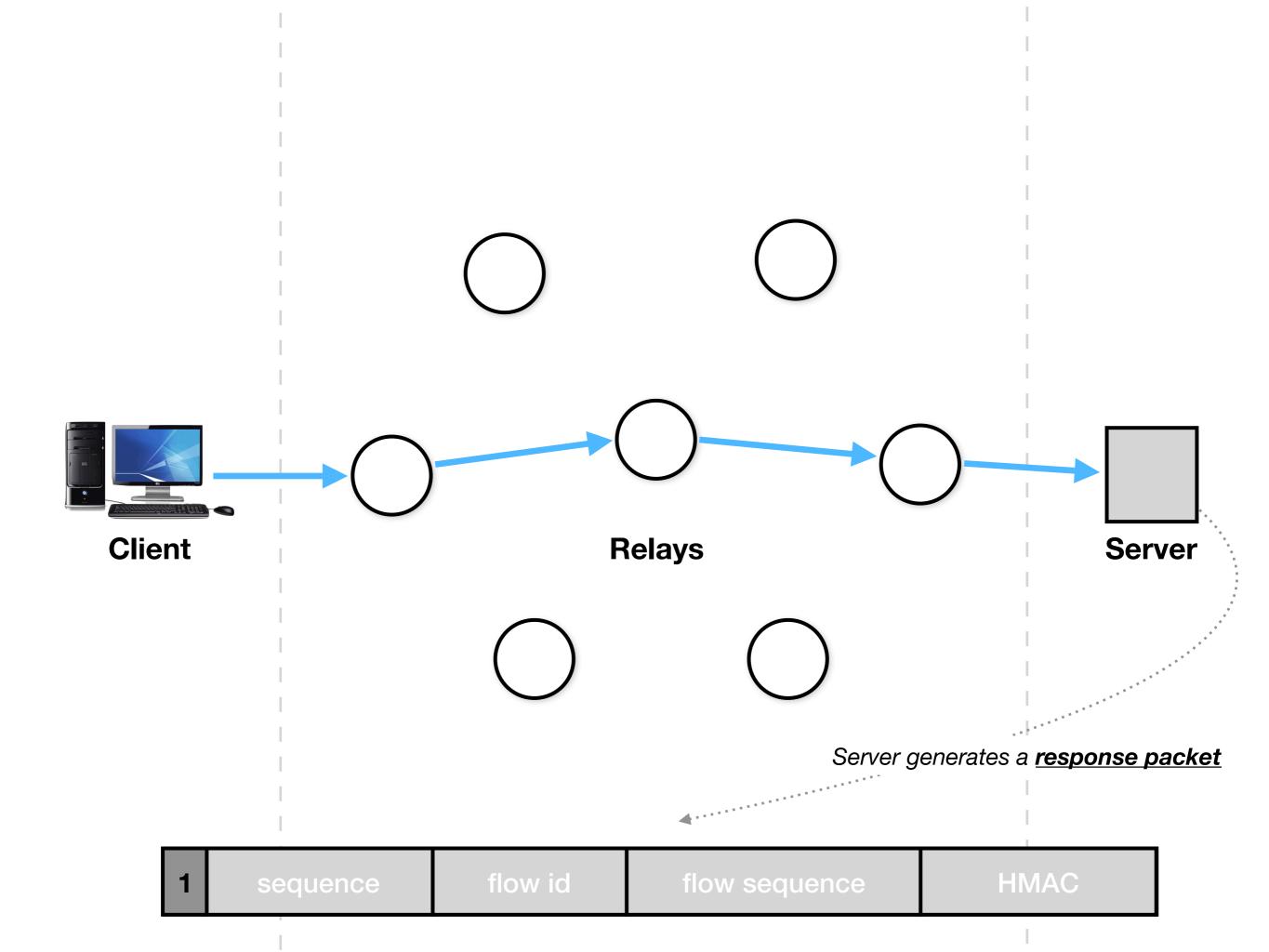


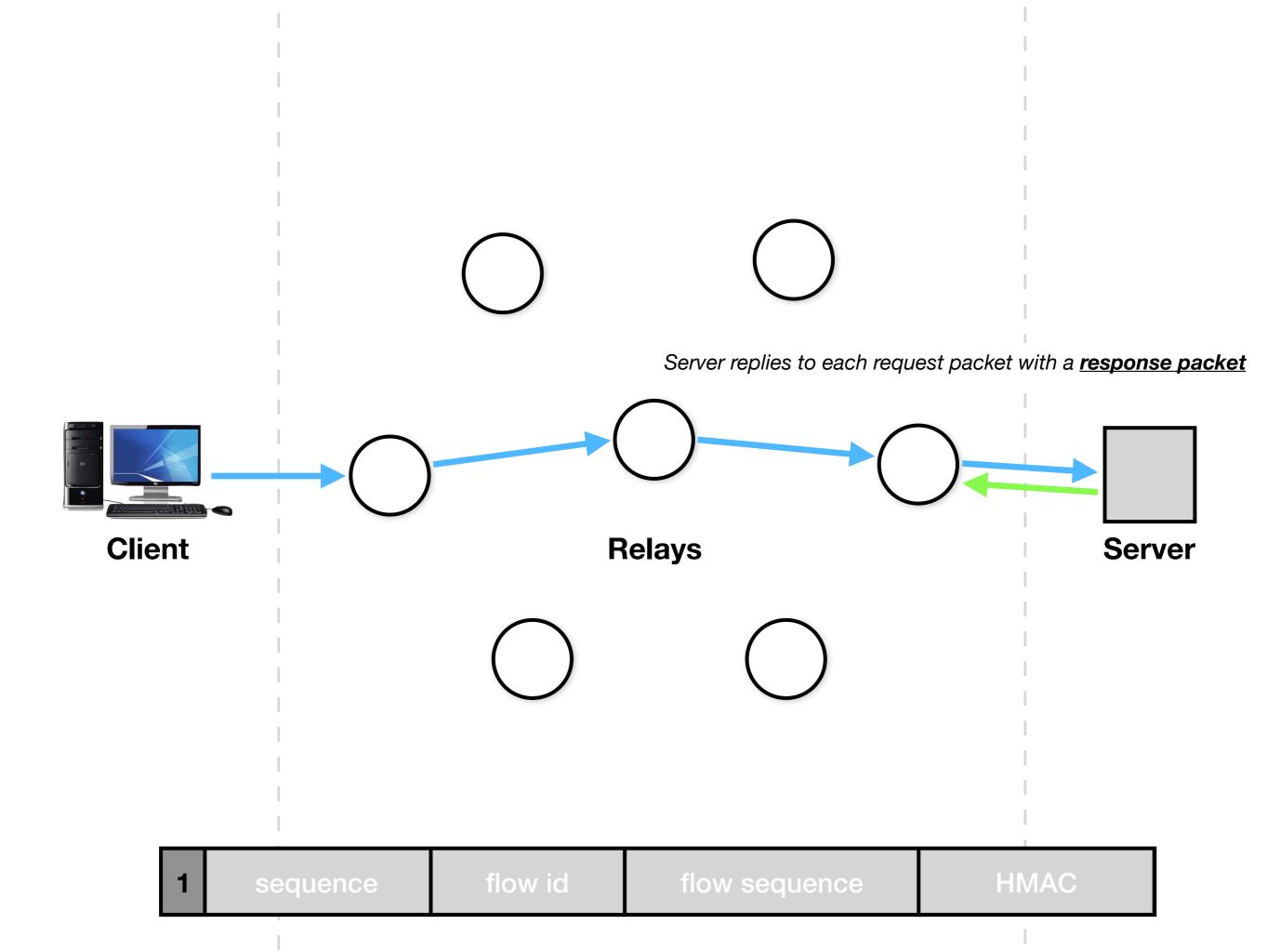


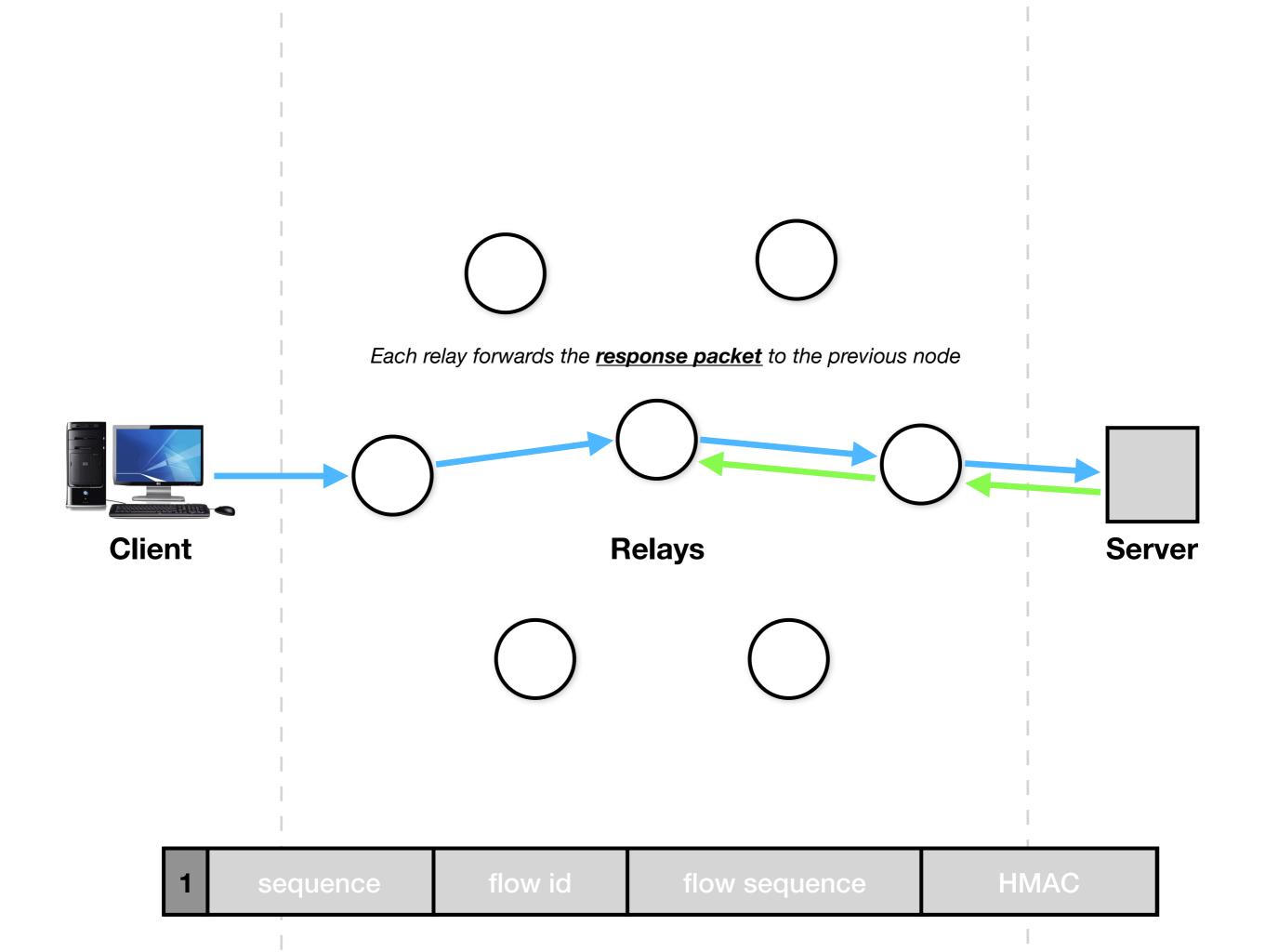


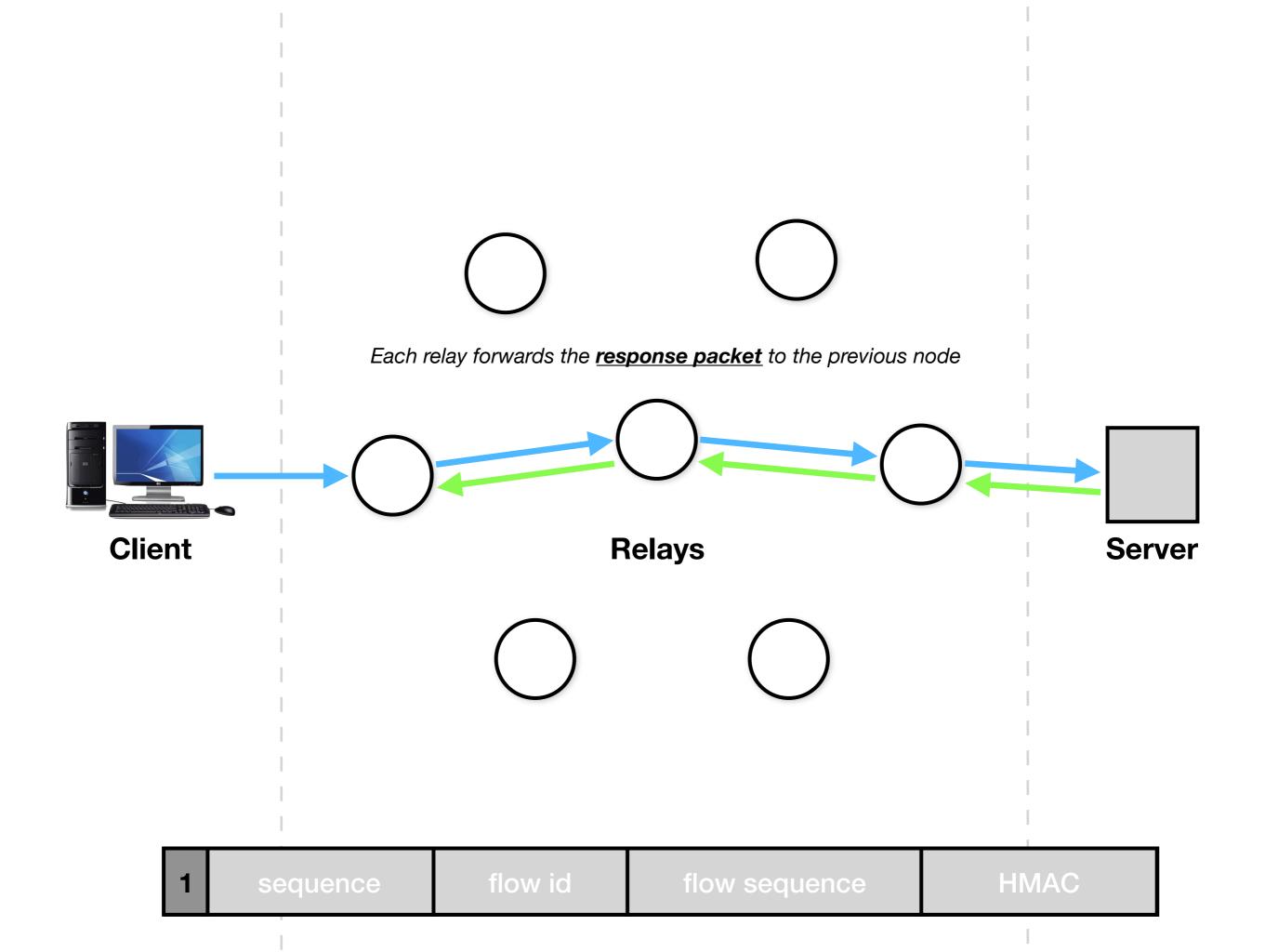


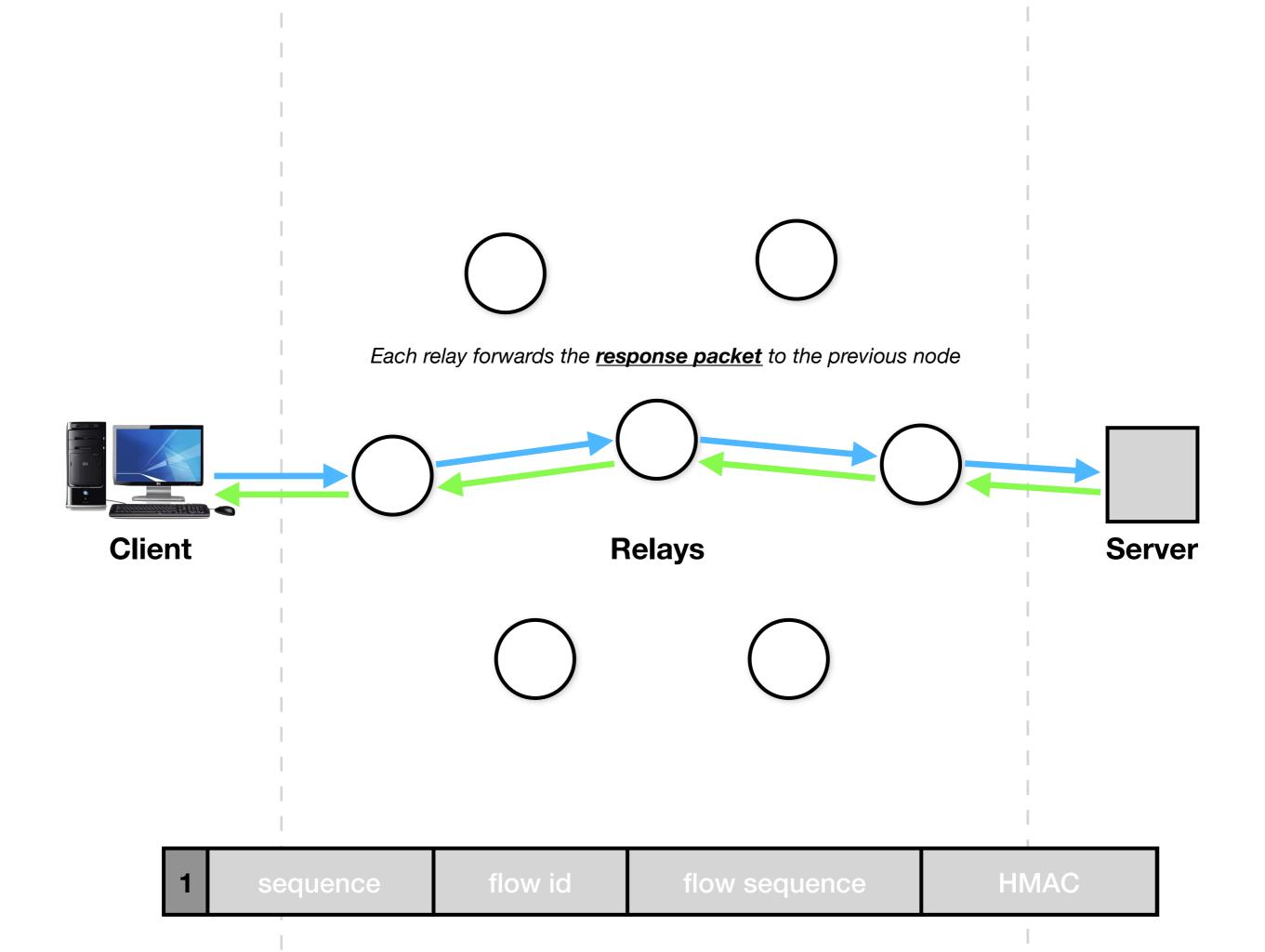


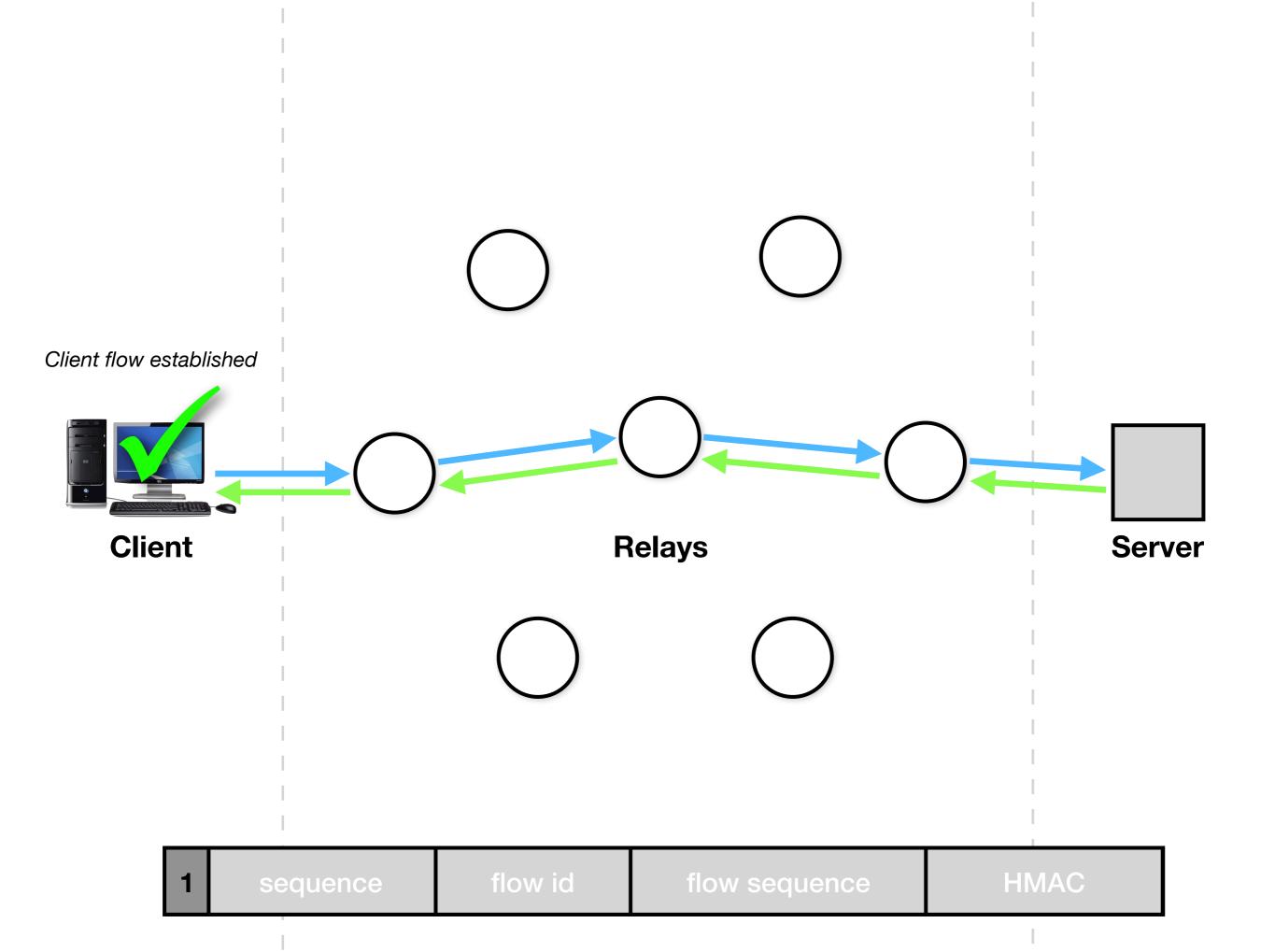


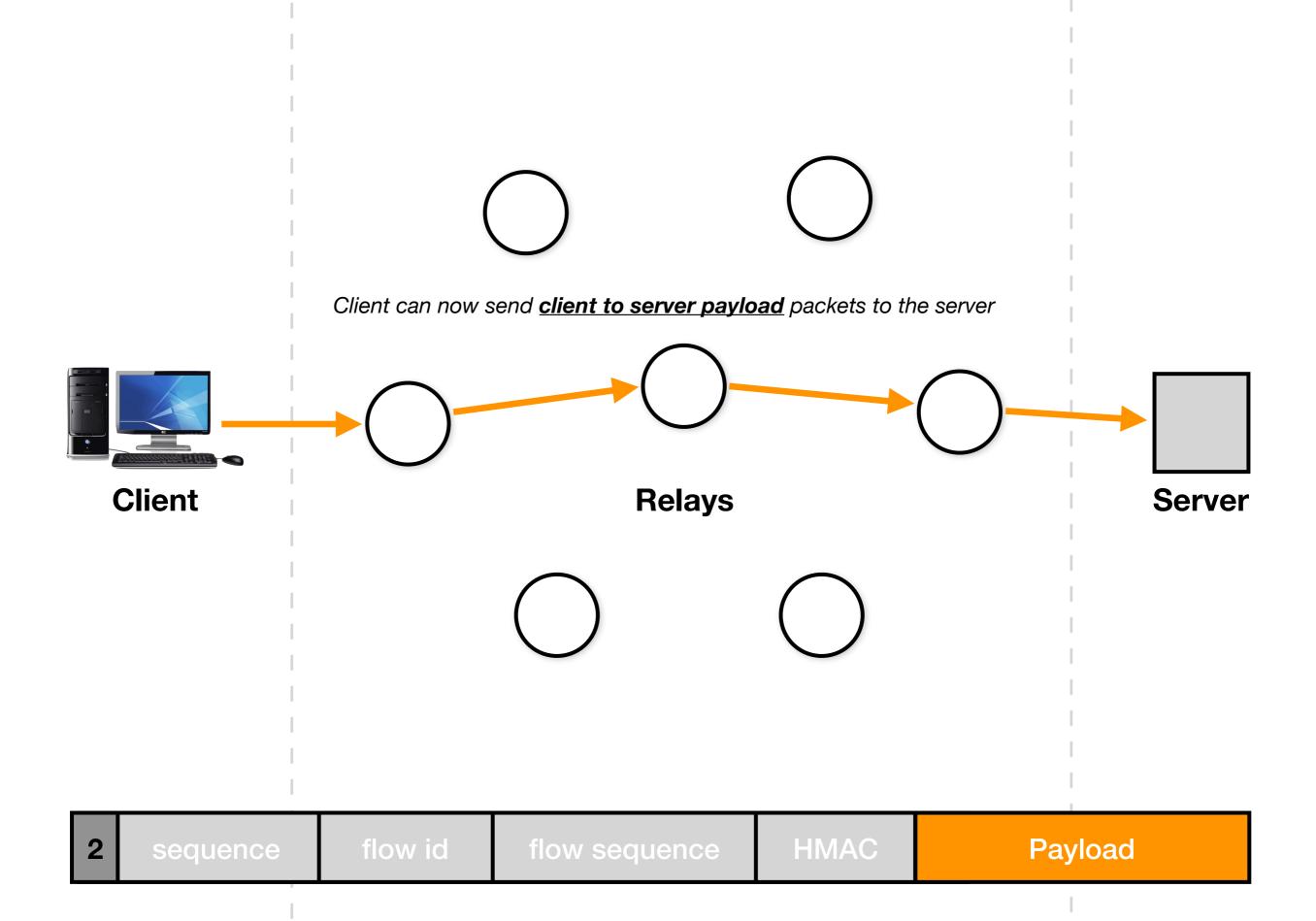


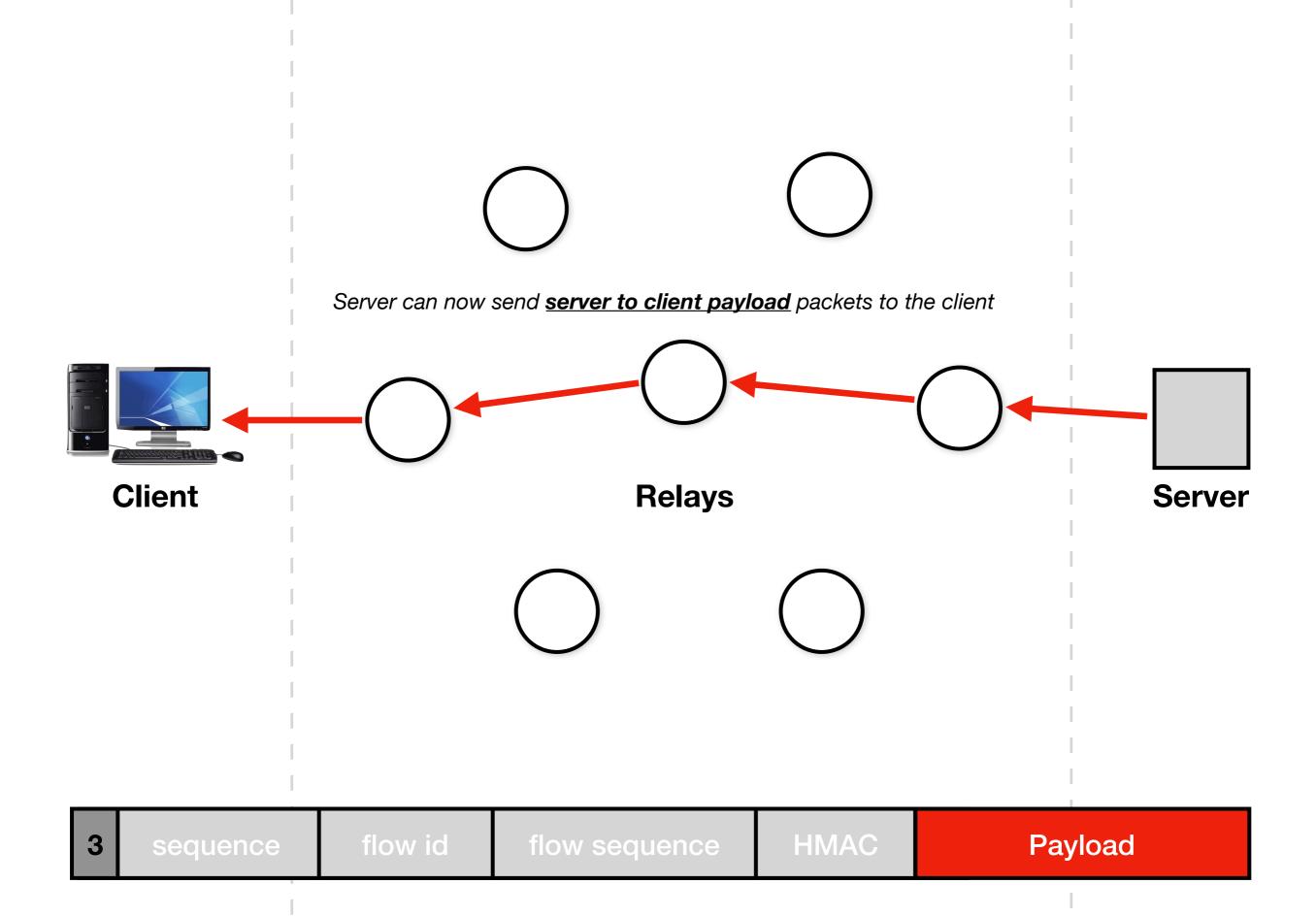


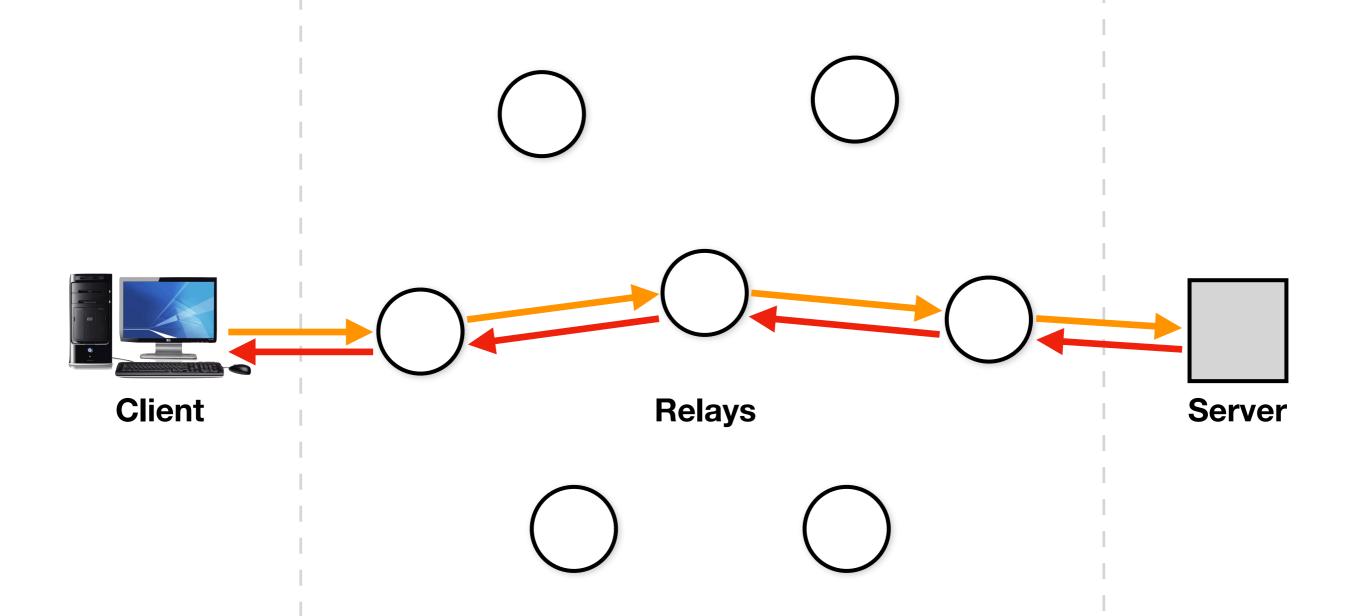




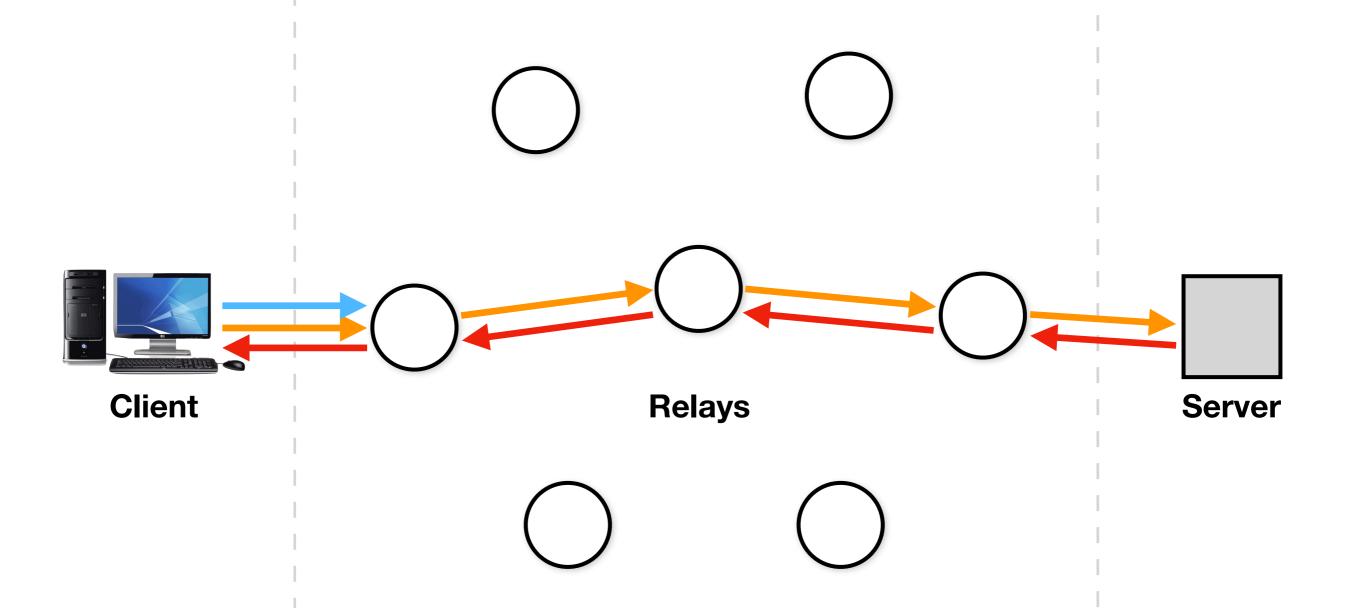


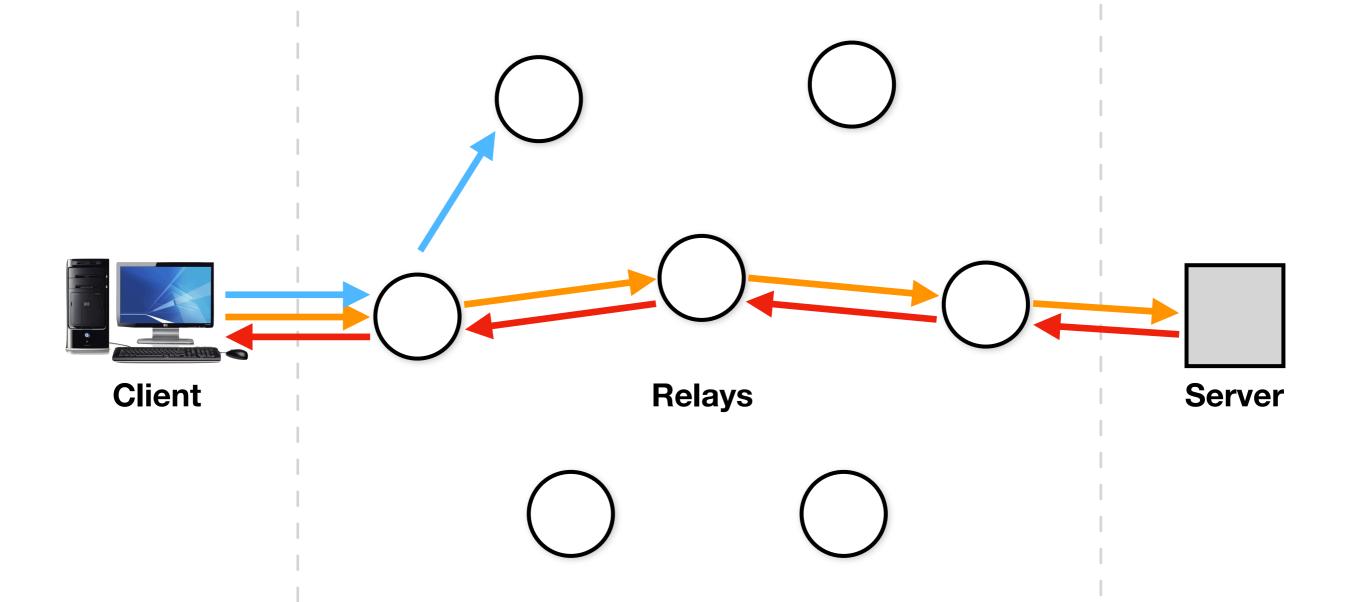


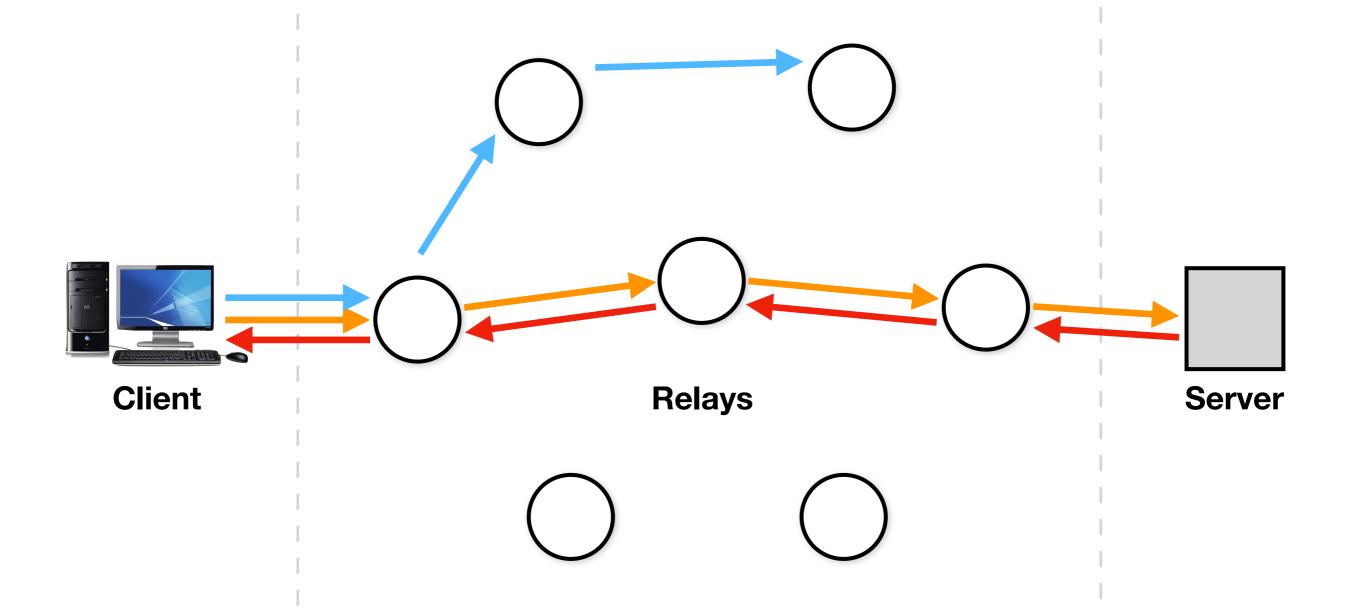


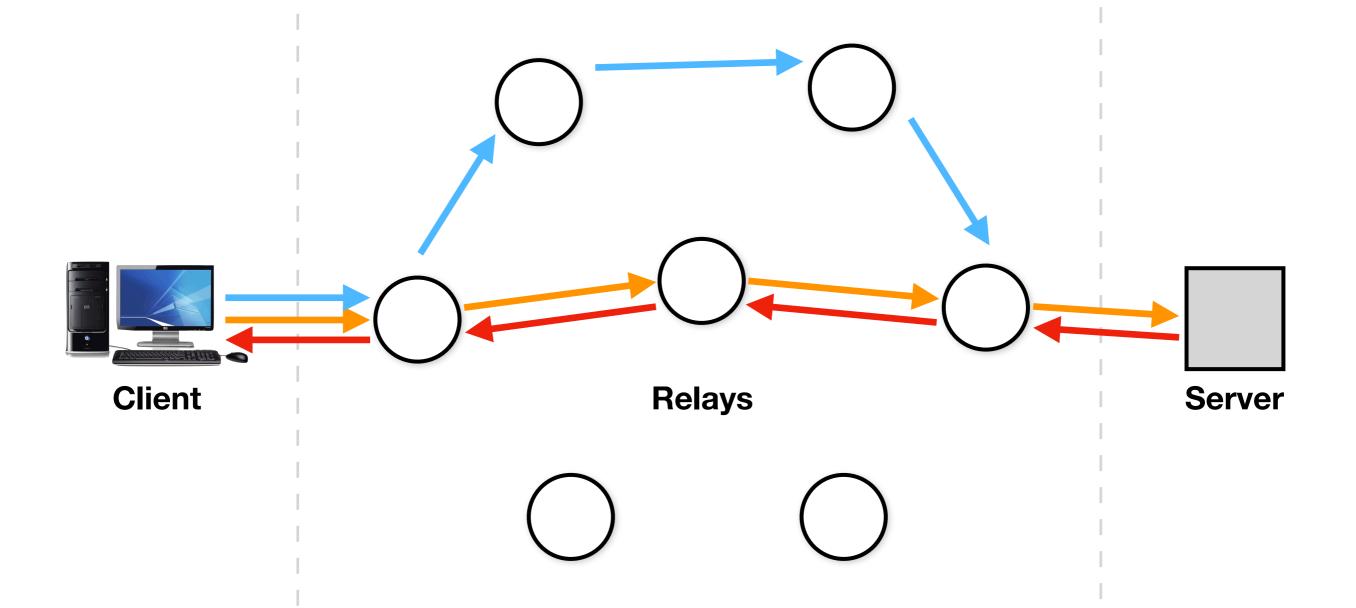


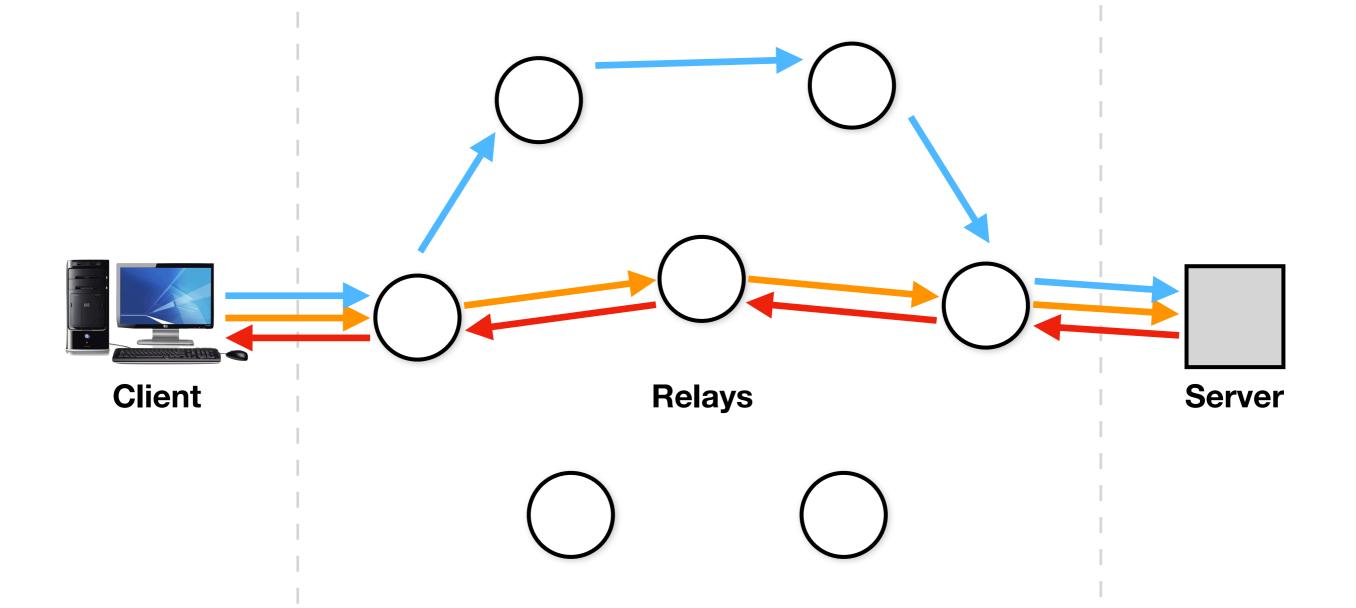
Steady state is a **bidirectional flow** of packets

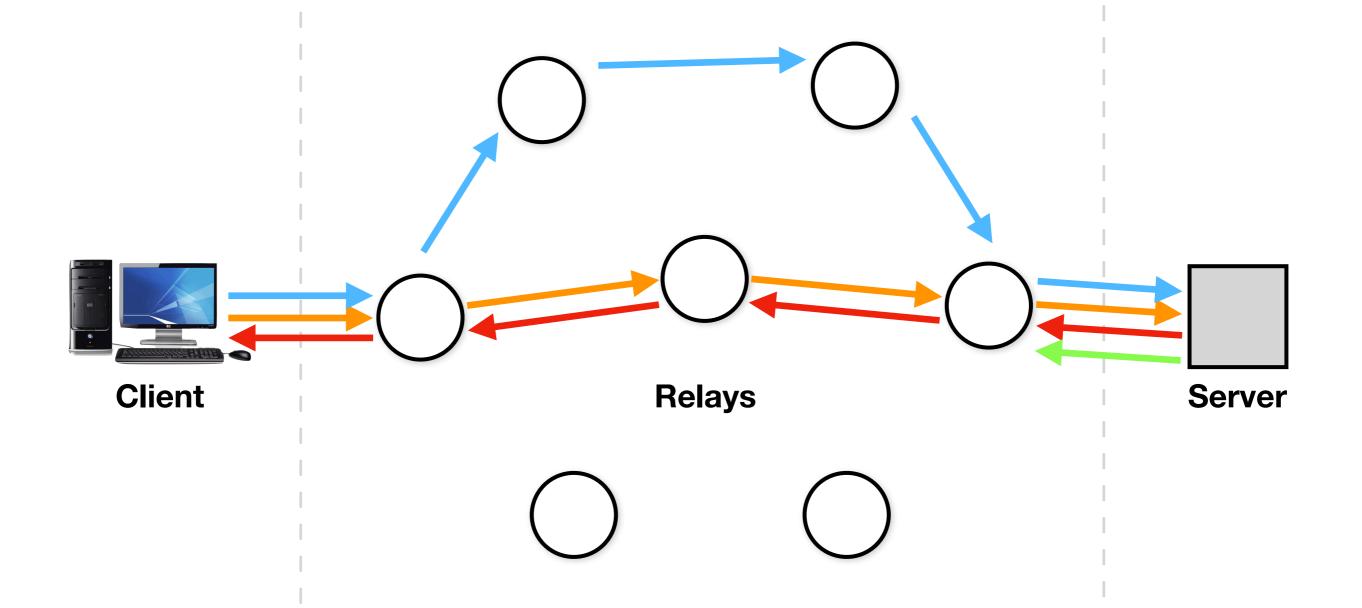


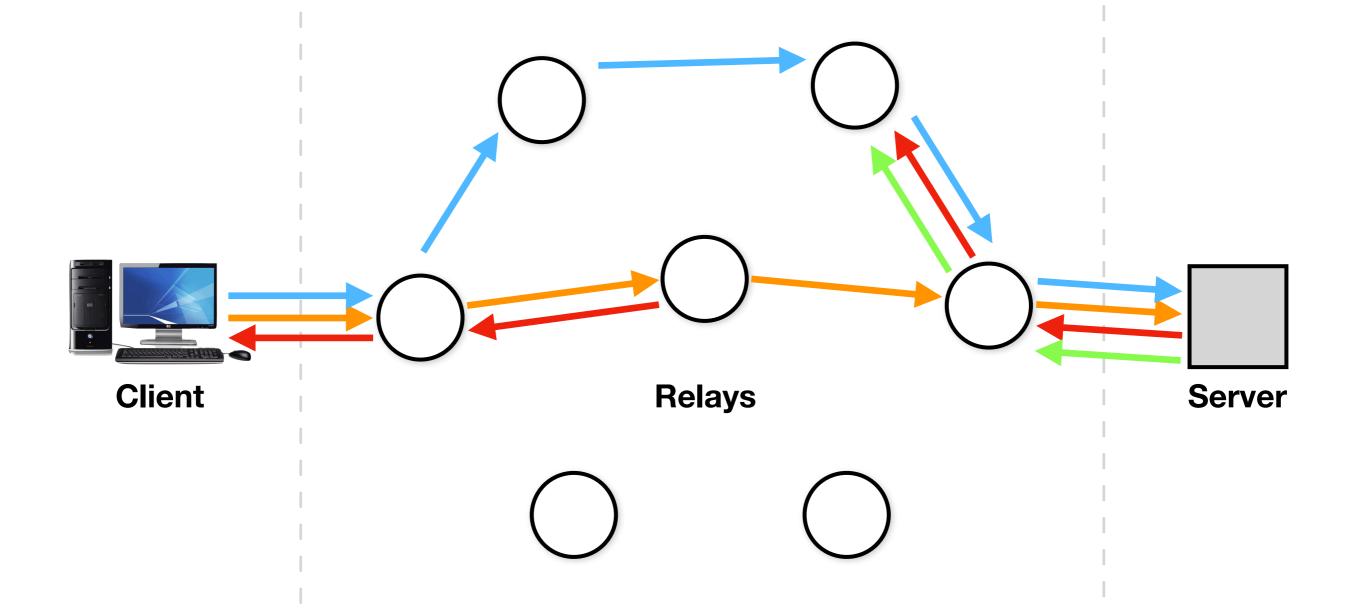


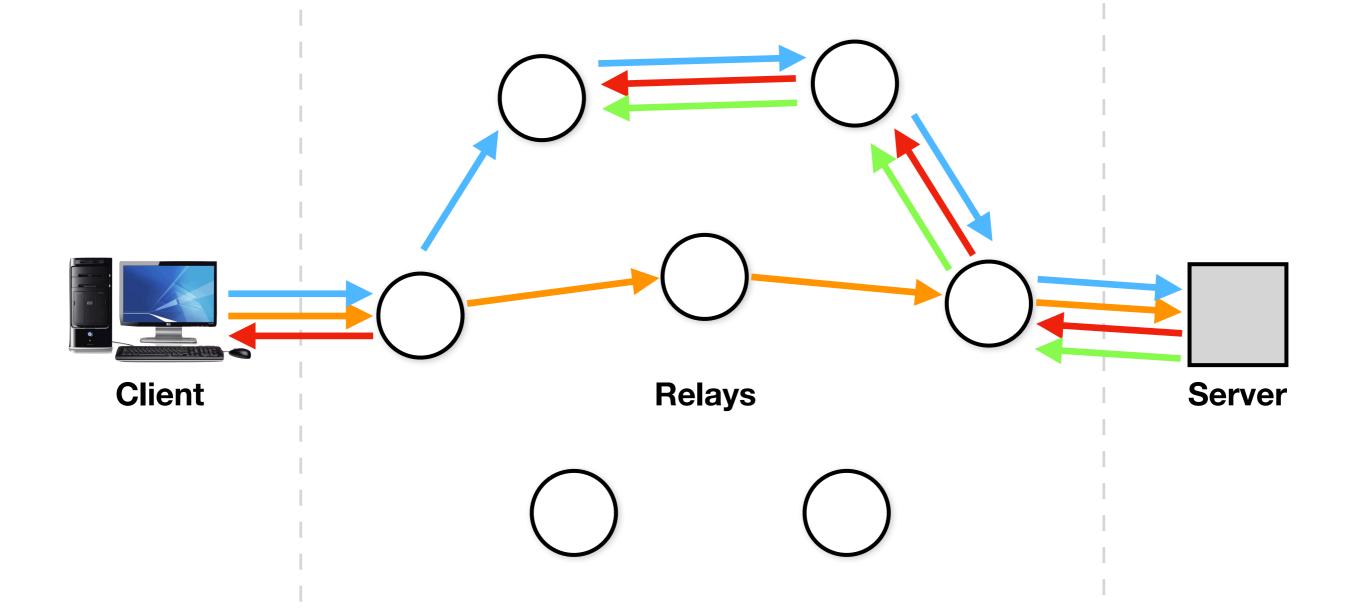


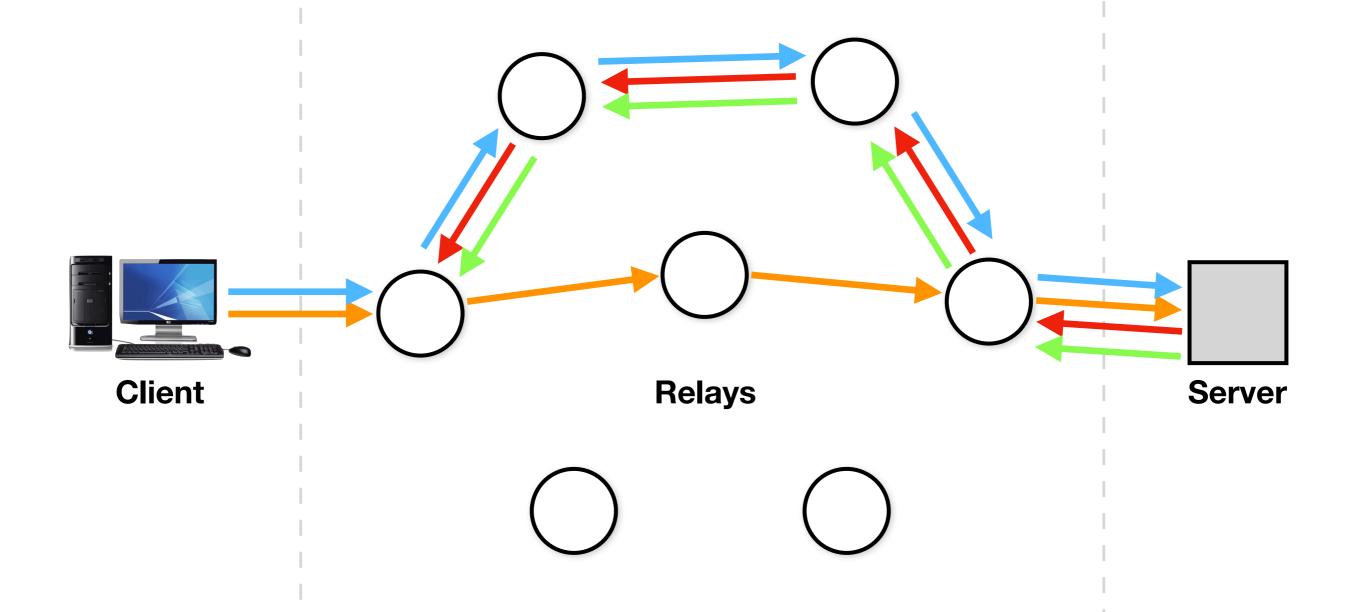


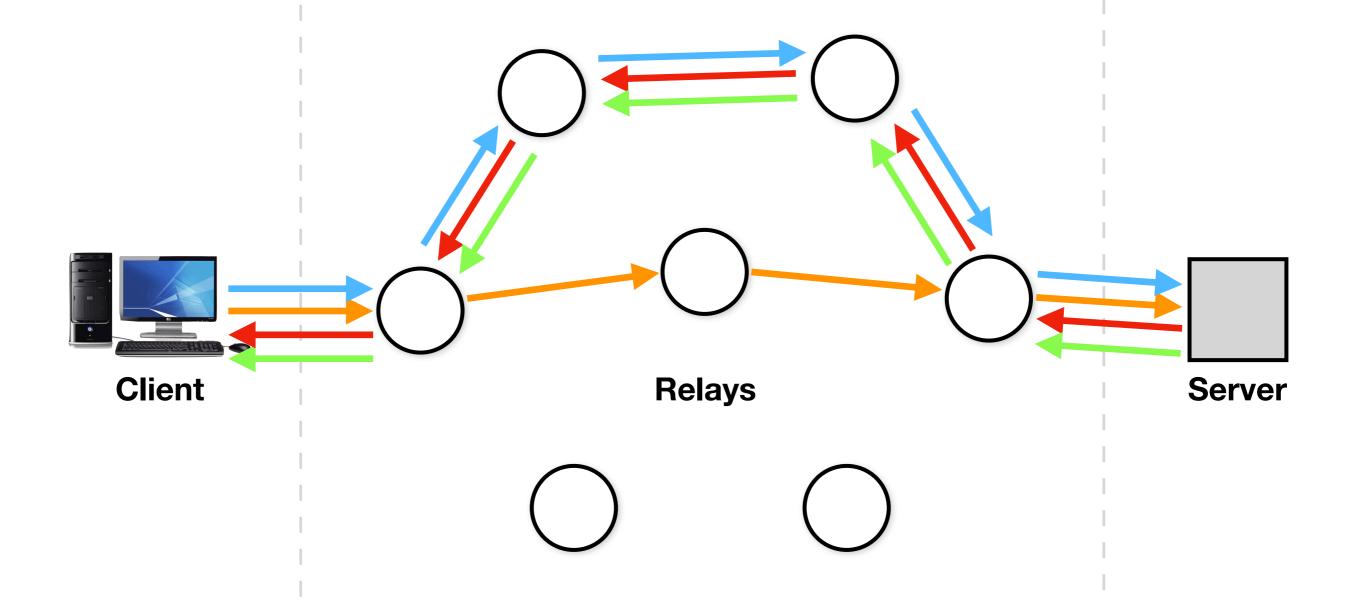


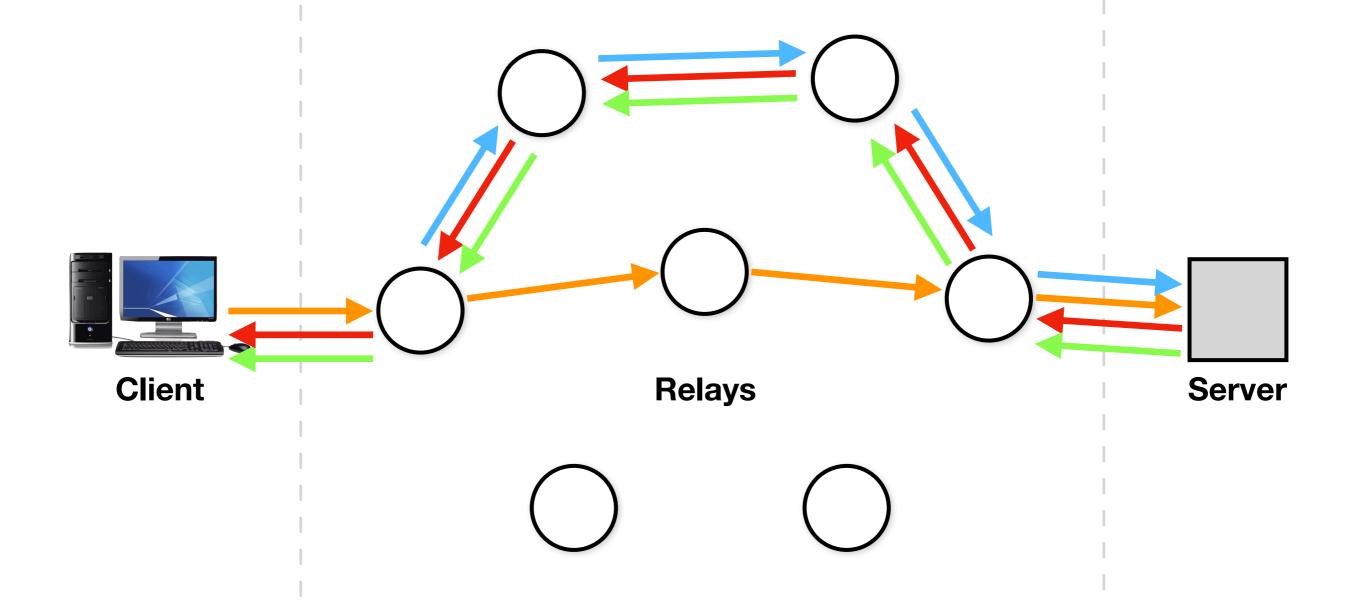


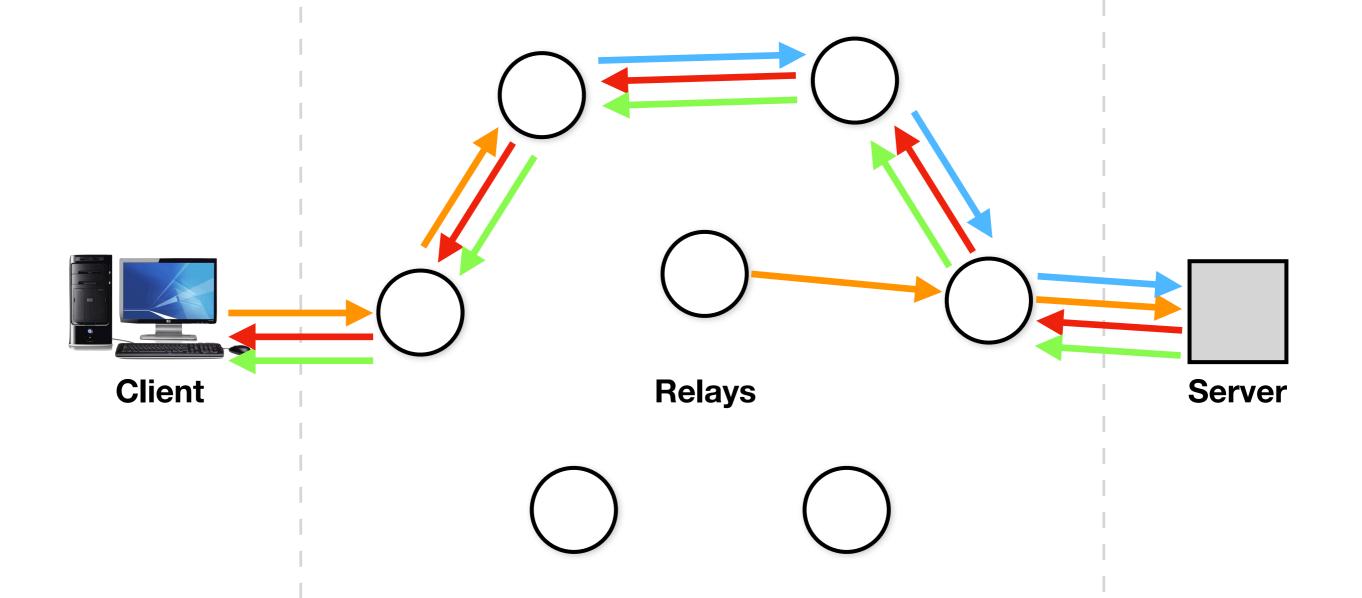


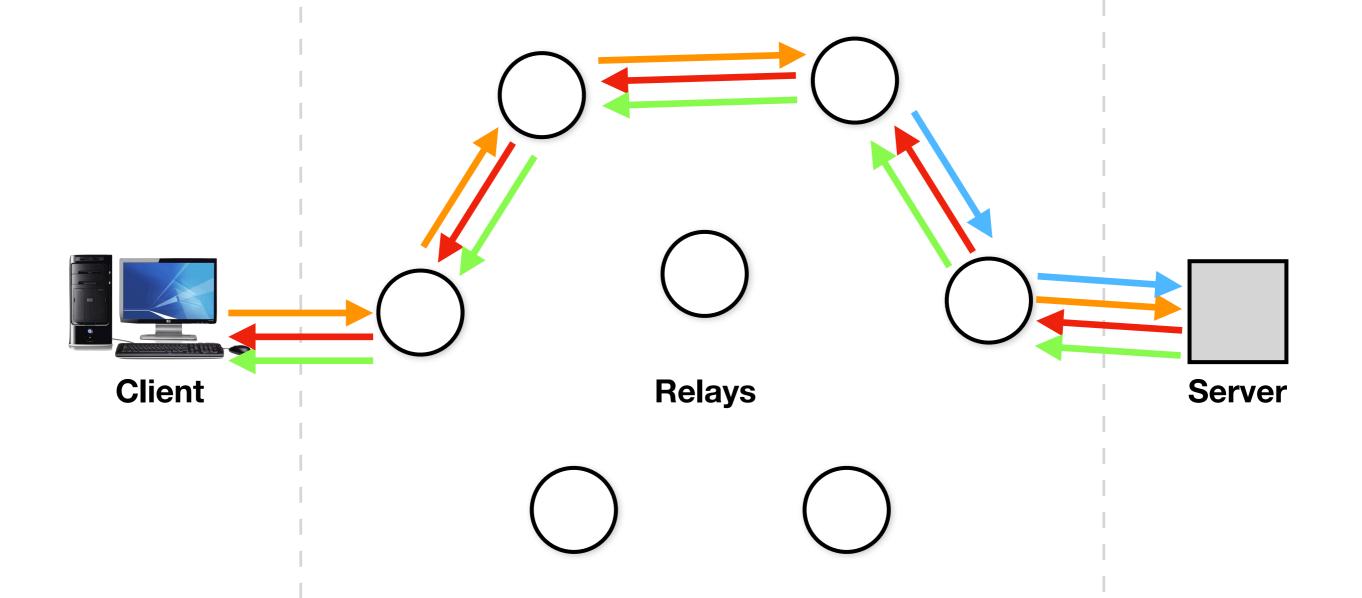


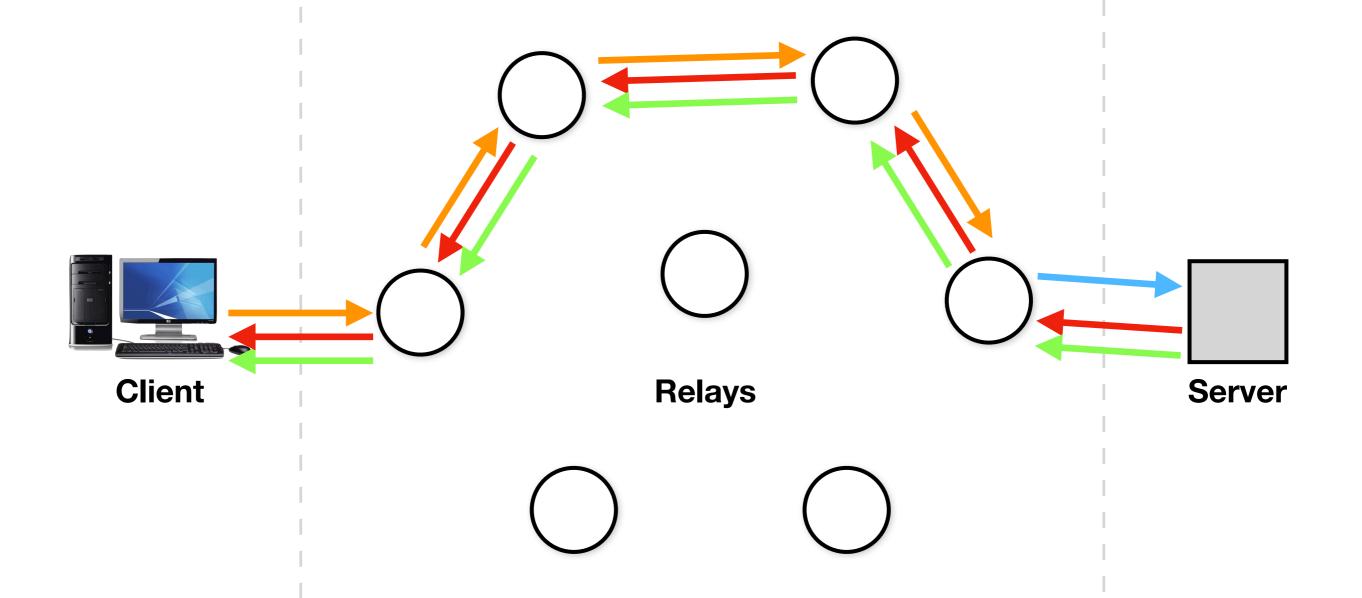


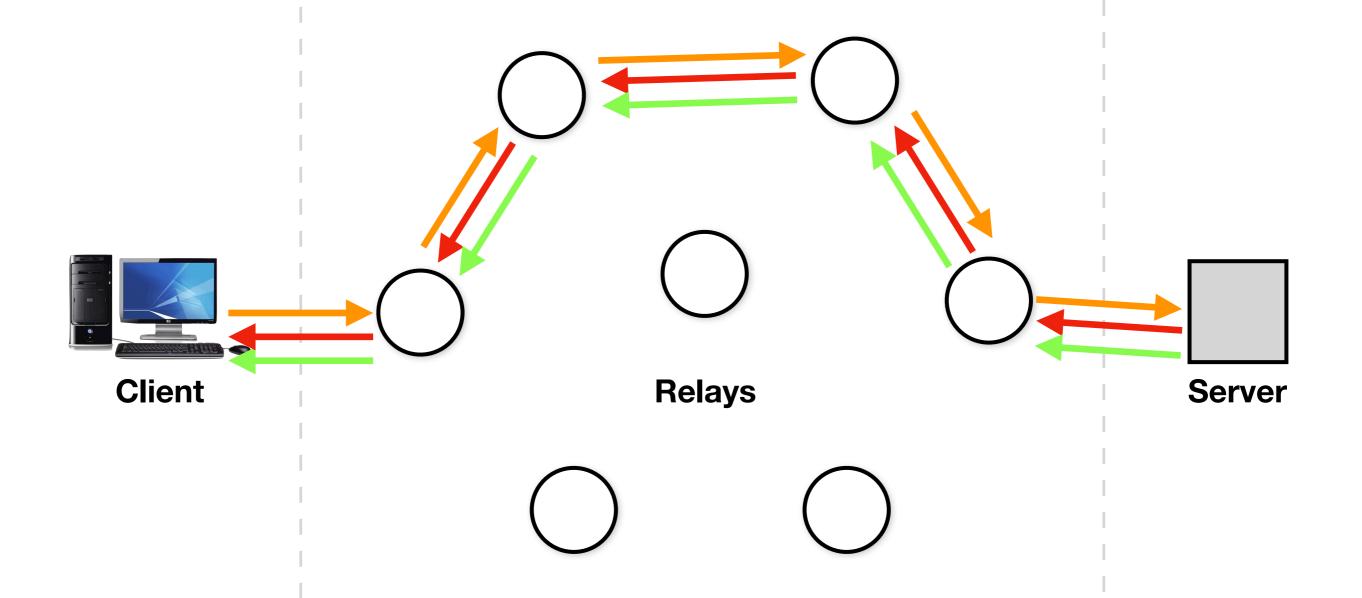


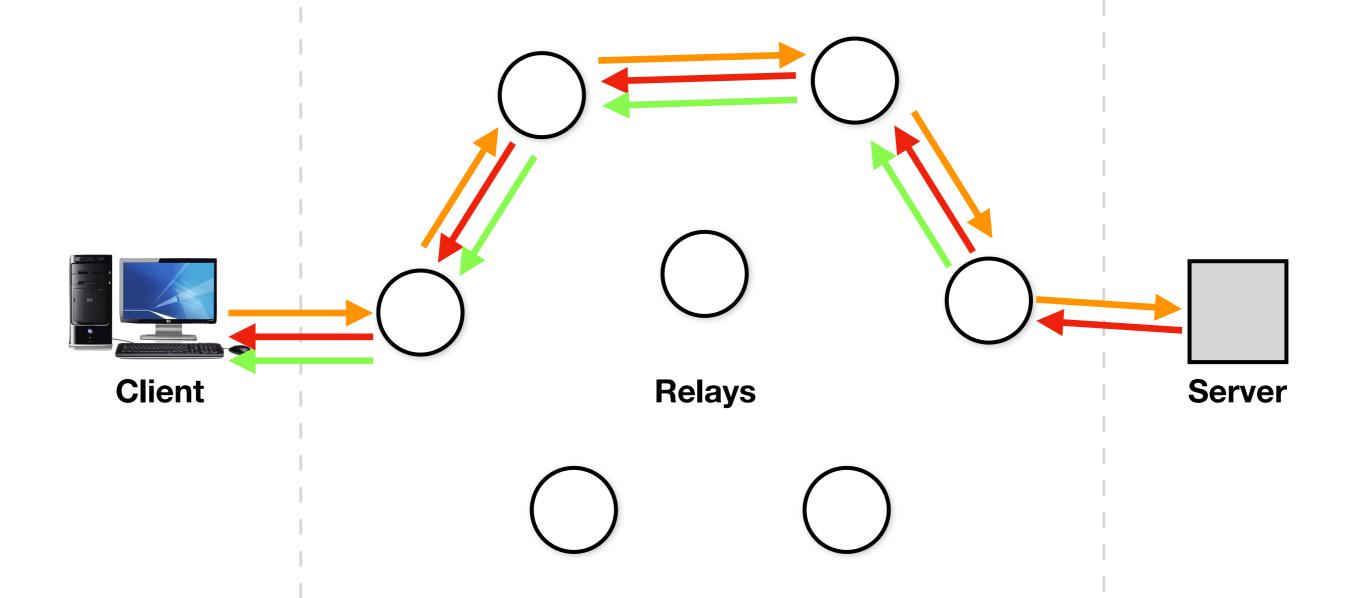


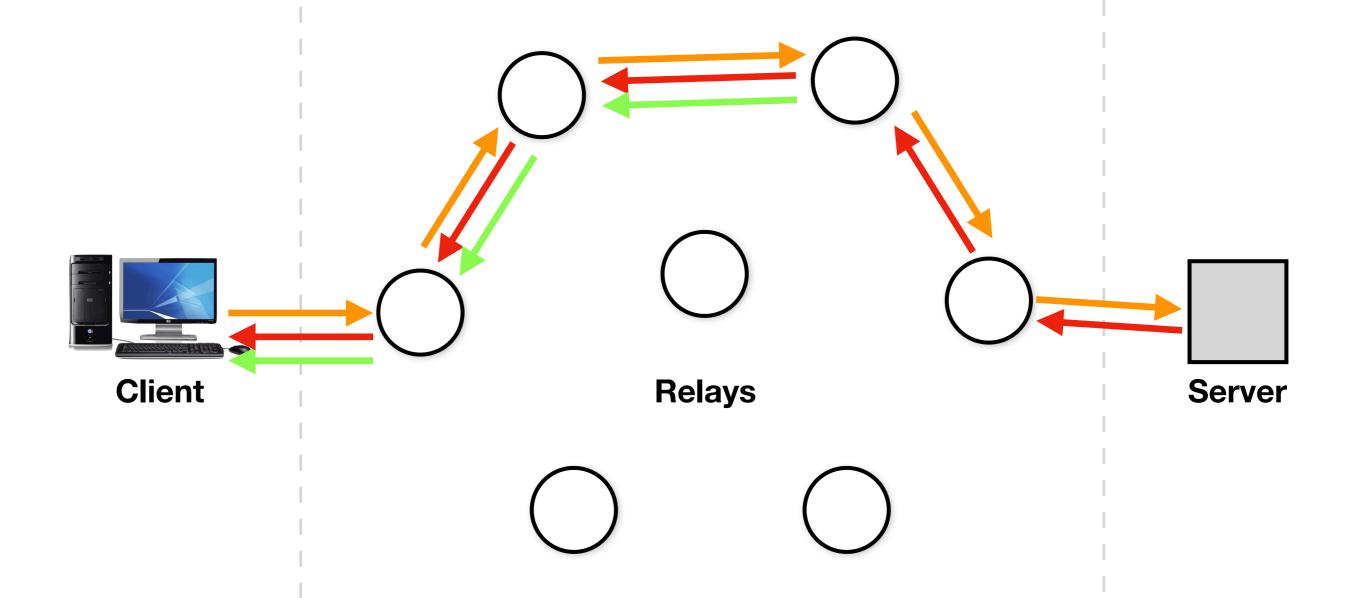


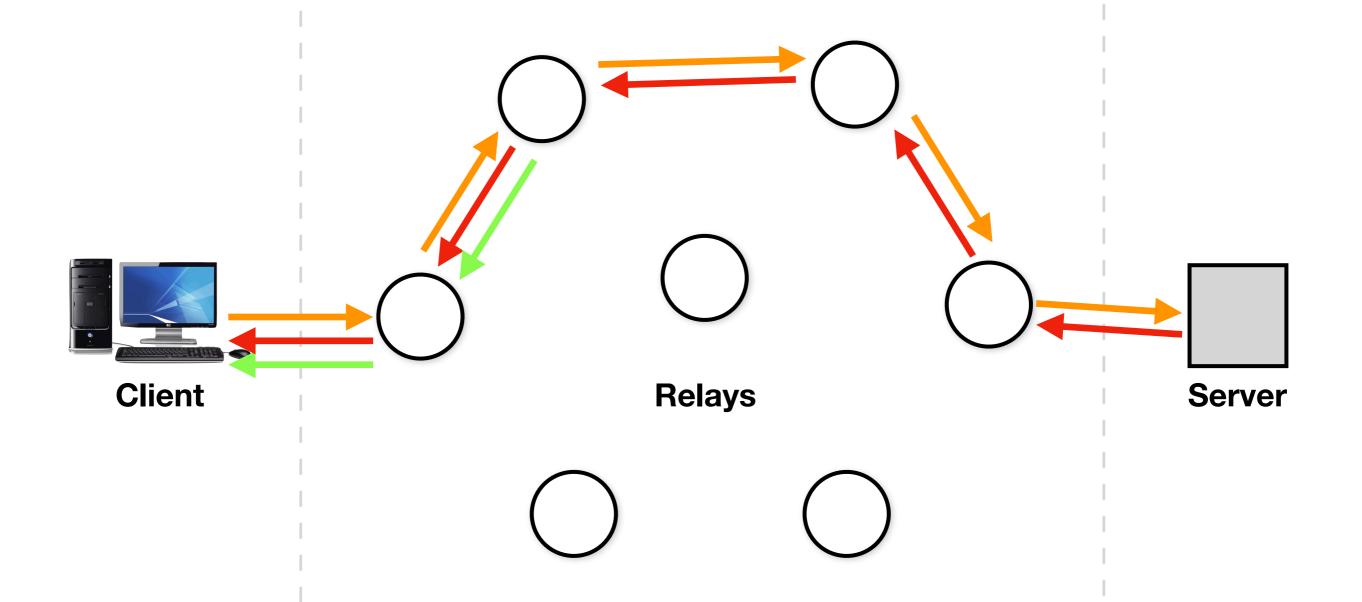


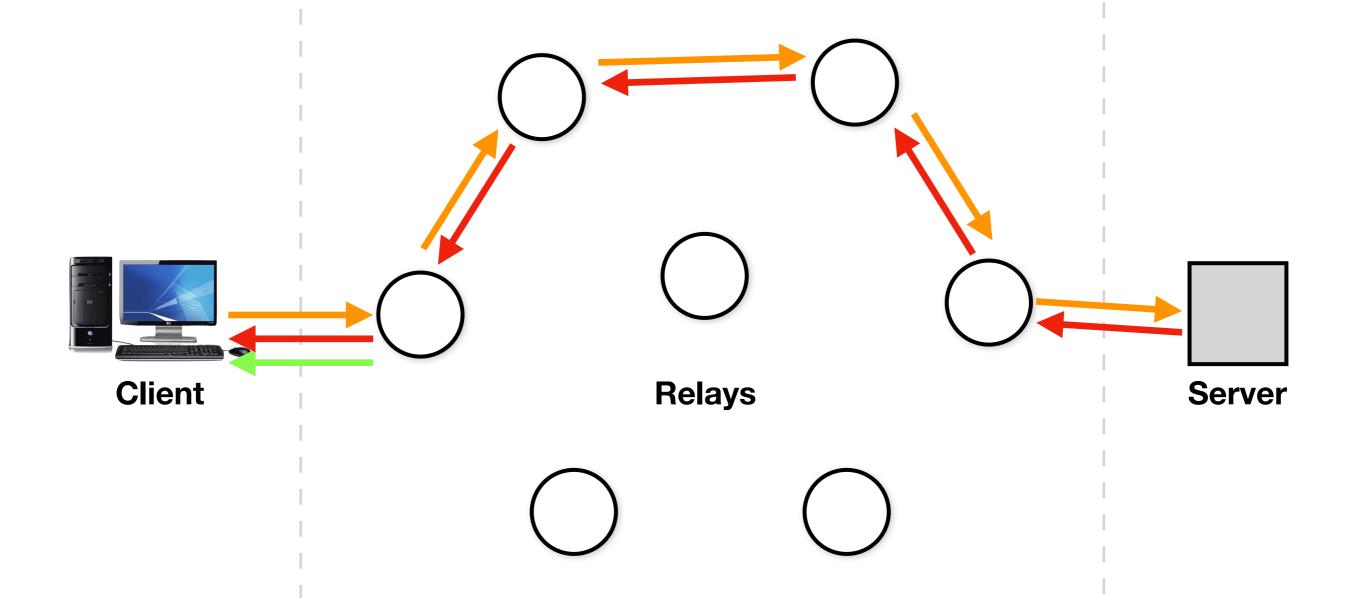


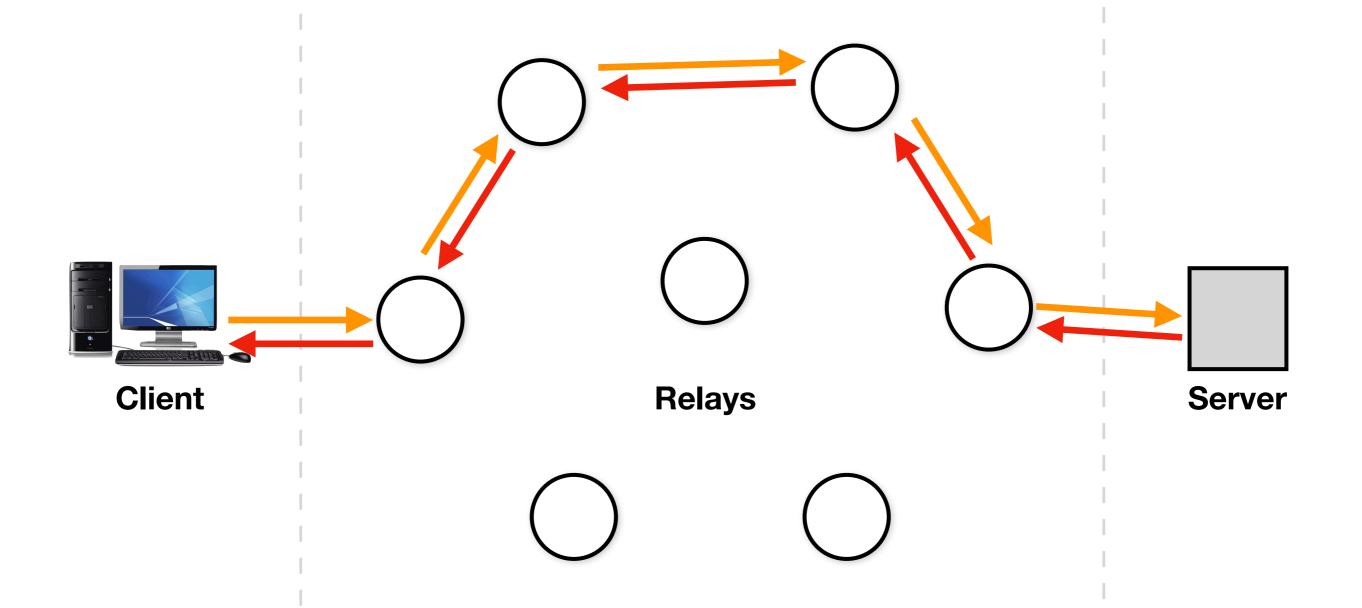












Flow route is **updated**