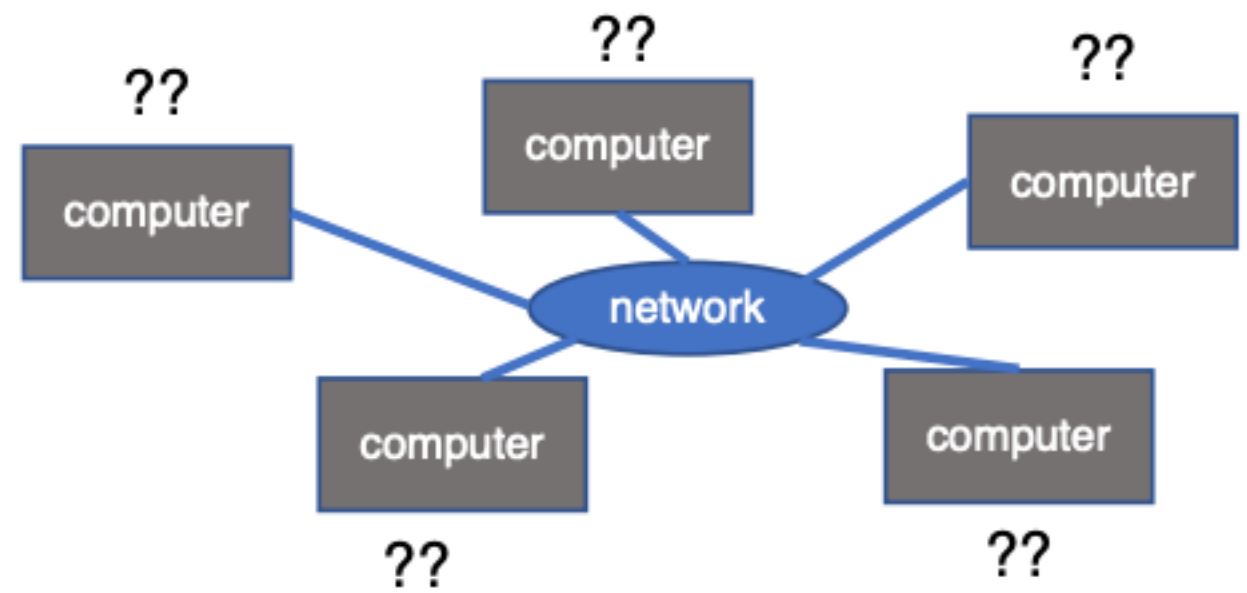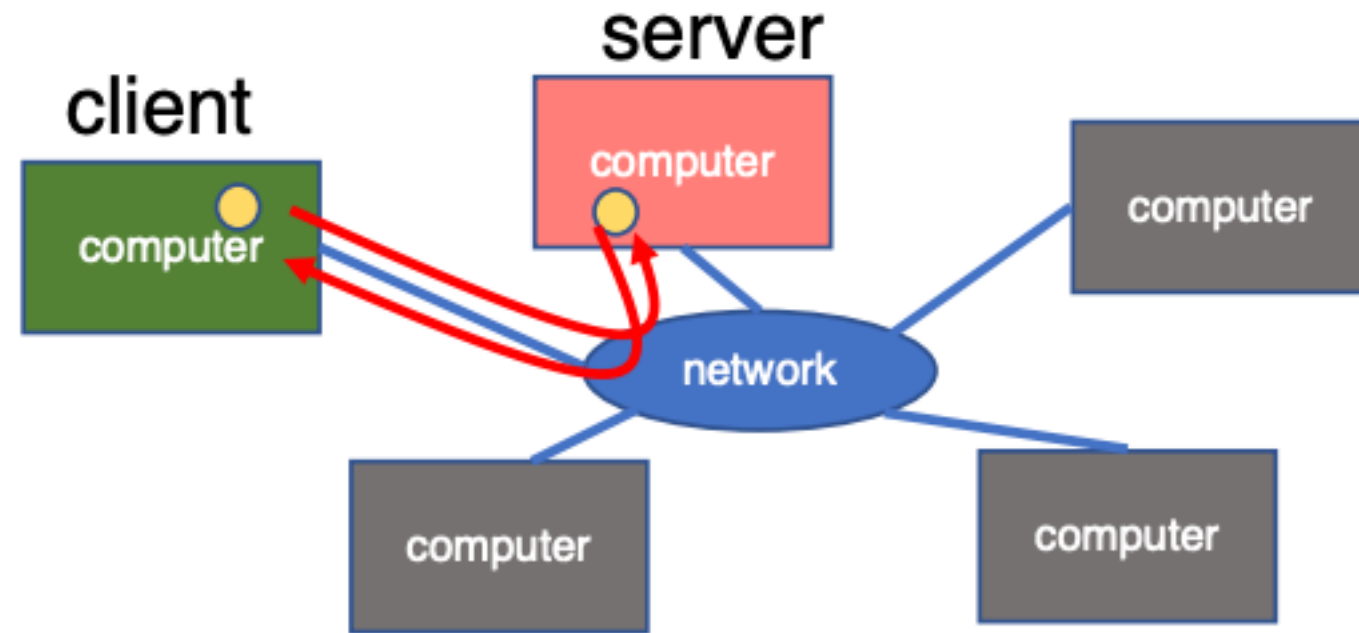# Naming

How to refer to a node in a distributed system?
Essentially naming systems in network

- Address processes/ports within system (host, id) pair

- Physical network address (Ethernet address)

- Network address (Internet IP address)

- Domain Name Service (DNS) provides resolution of canonical names to network address

Communication

How can one computer communicate with another?

- Raw Message - UDP

- Reliable Message - TCP

- Remote Procedure Call (RPC)
  and Remote Method Invocation(RMI)