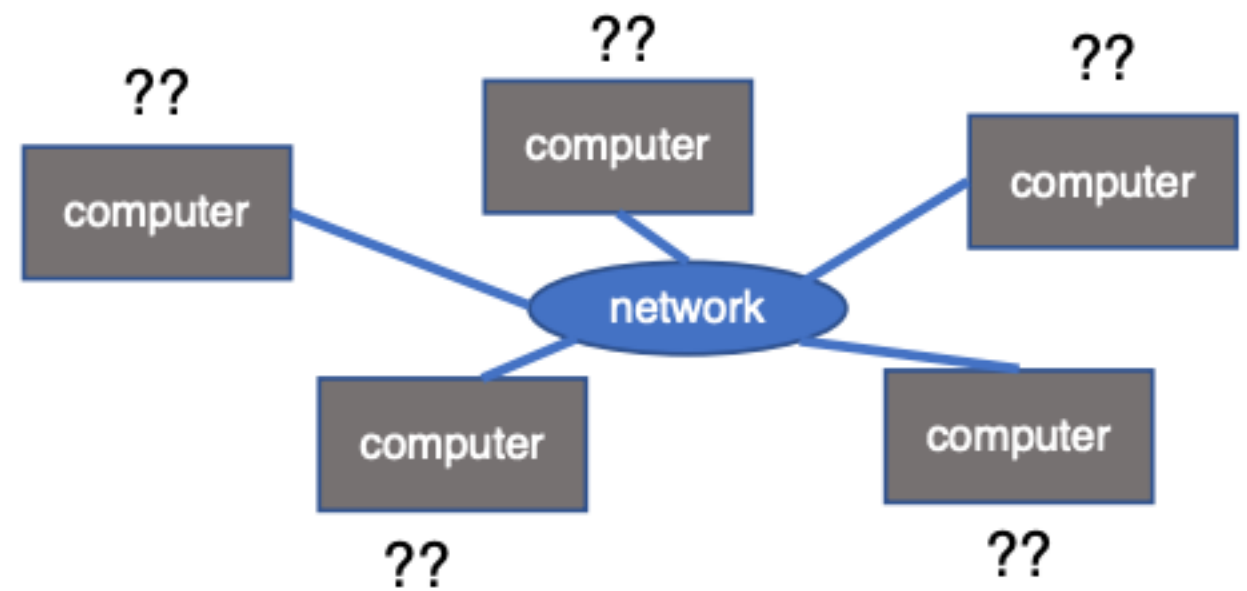


# Naming

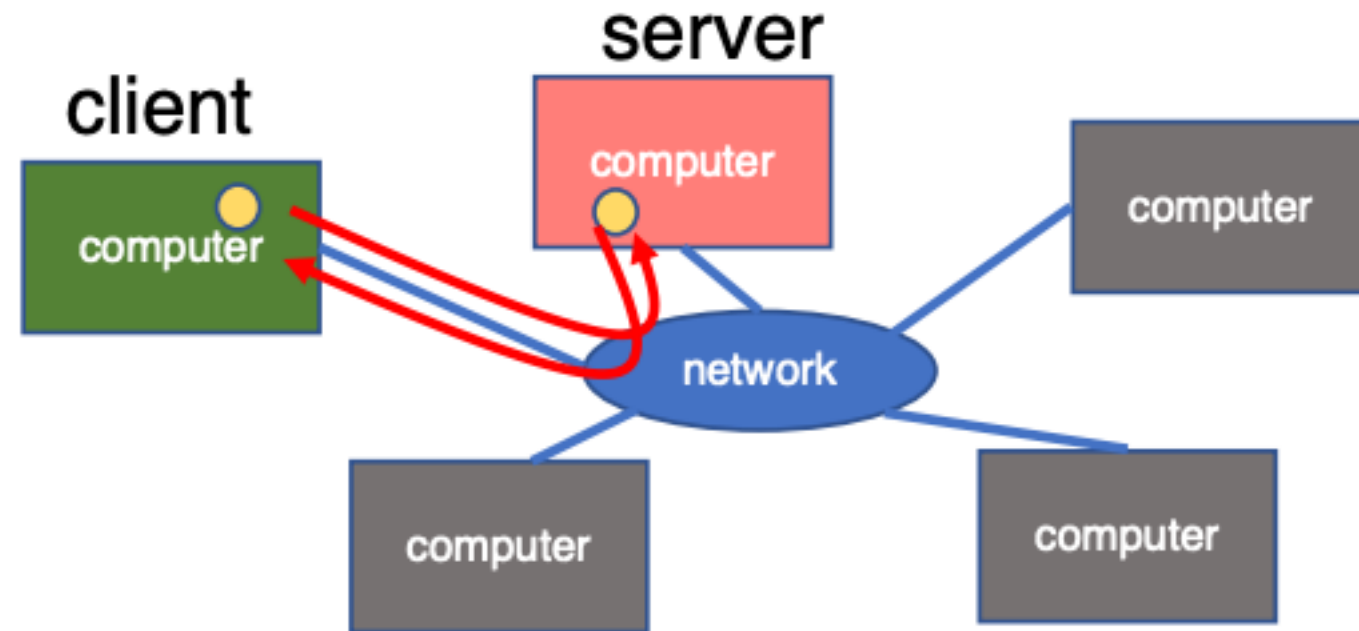


How to refer to a node in a distributed system?

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)