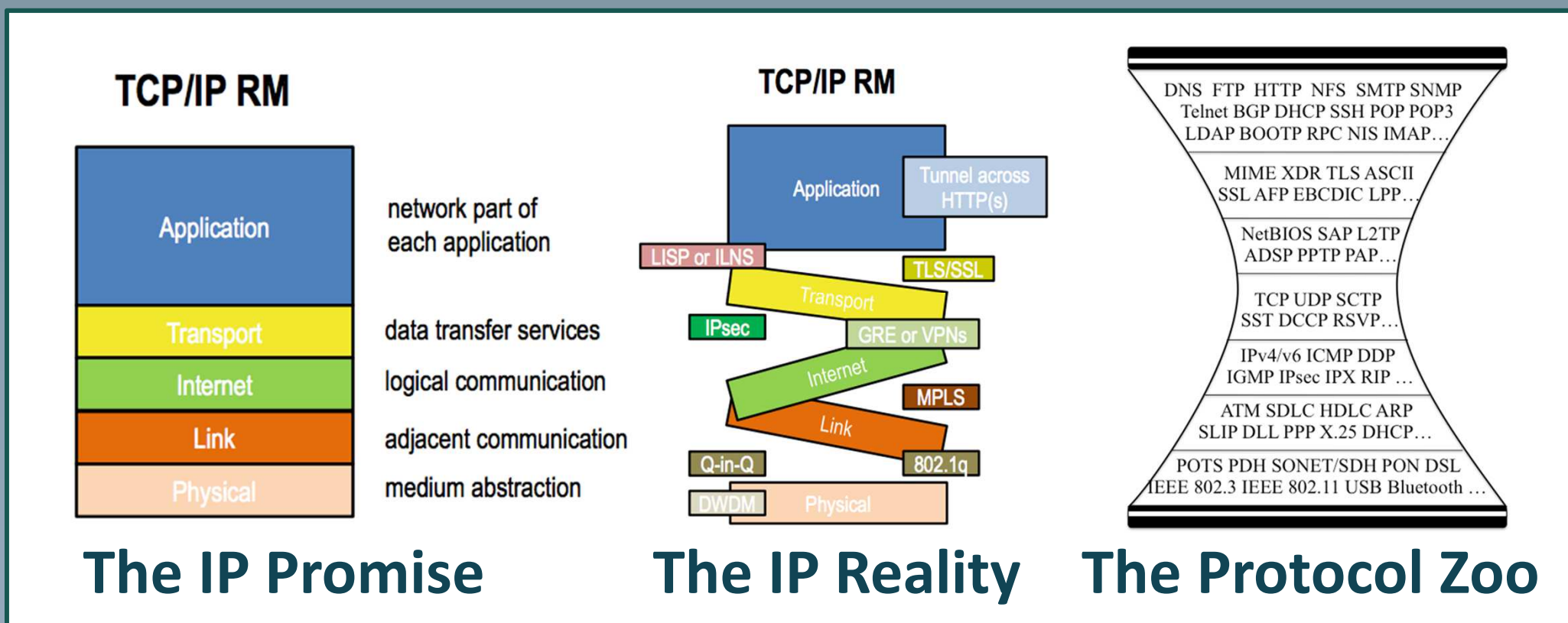
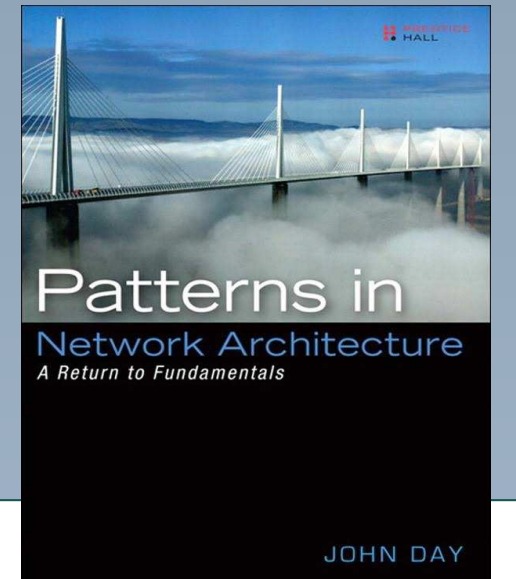


Internet today

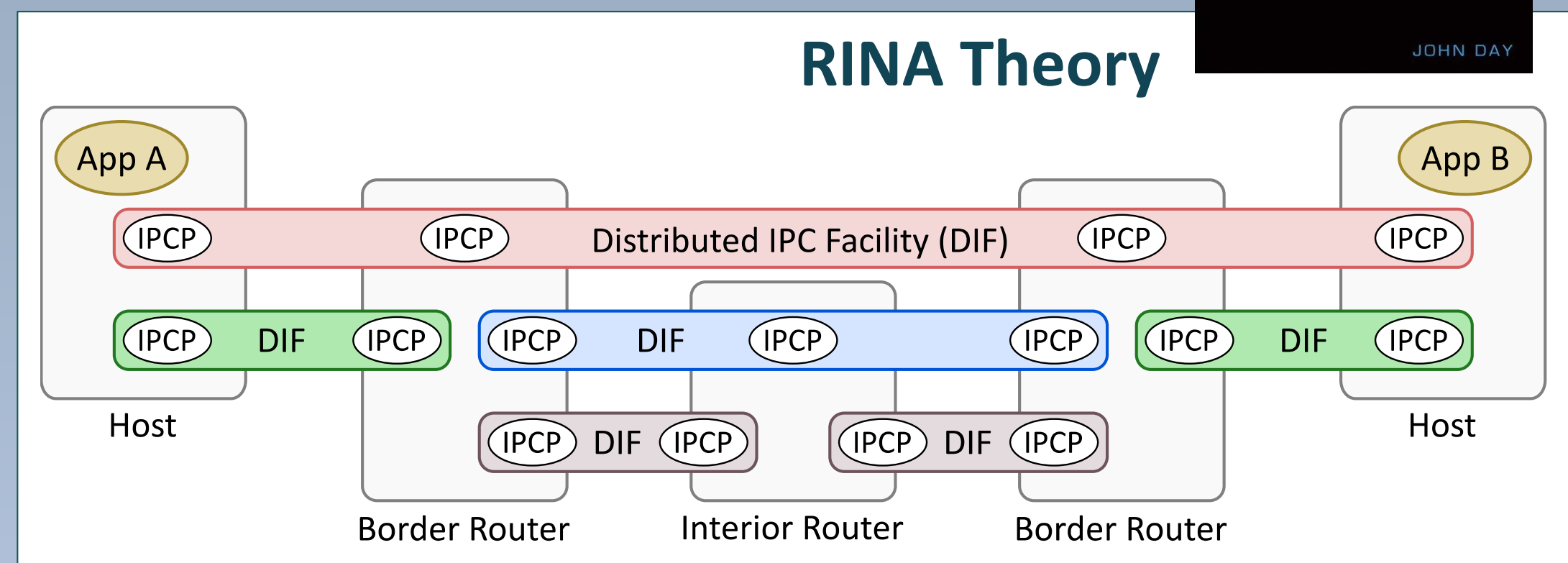
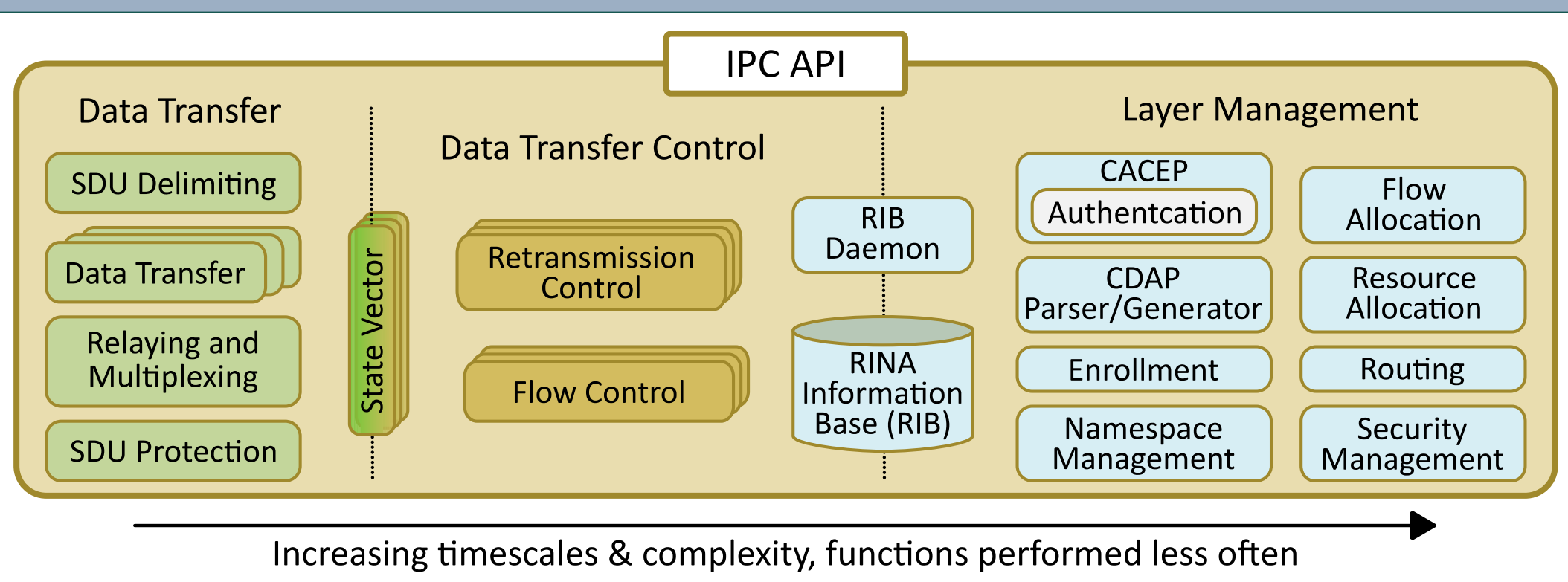


Need for a new approach to networking

- A consistent model across layers
- Separate *Mechanism* from *Policy*
- Use a complete *Naming Architecture*
- Design repeating structures
- Uniform IPC API across layers



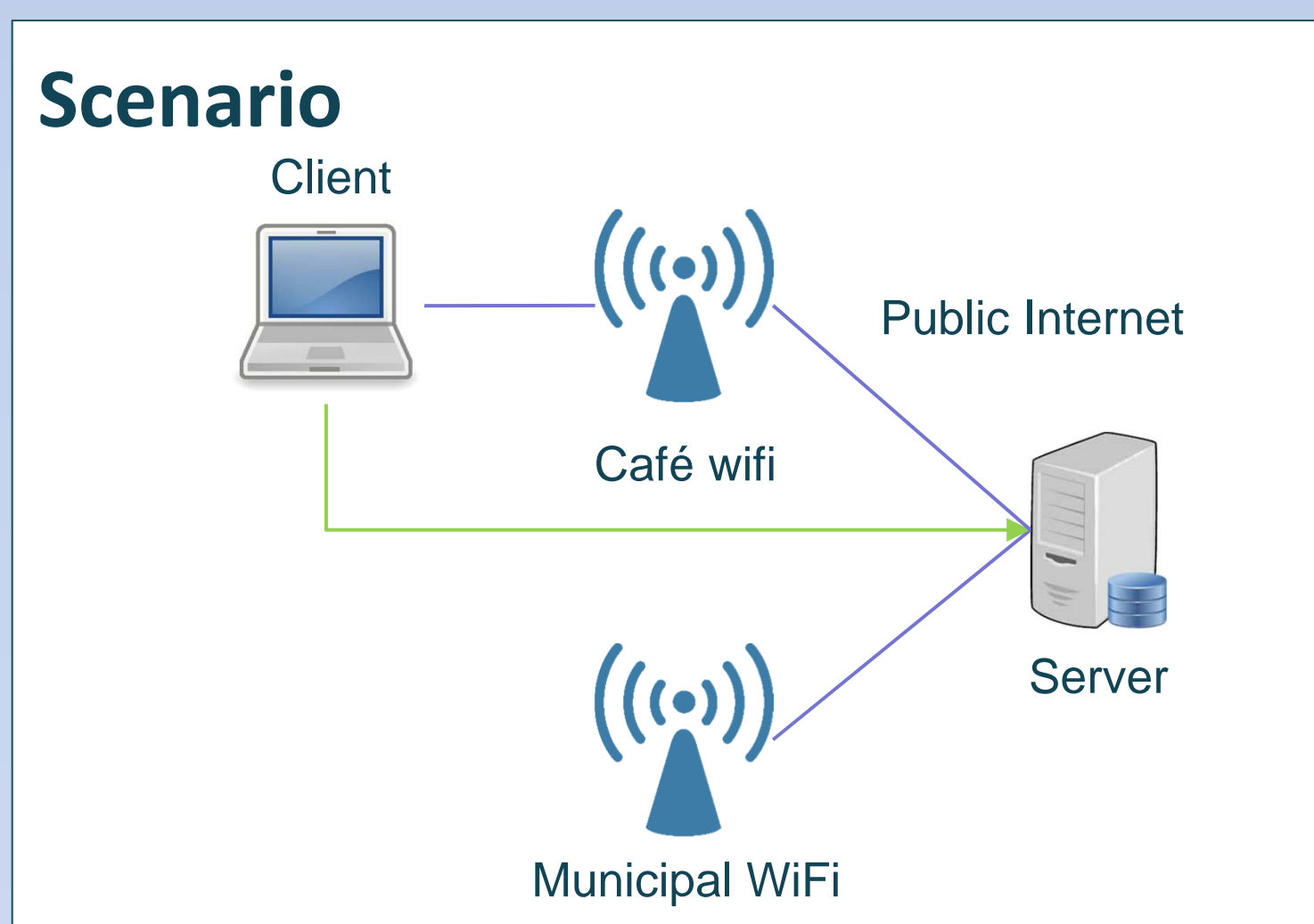
RINA – Recursive InterNetworking Architecture



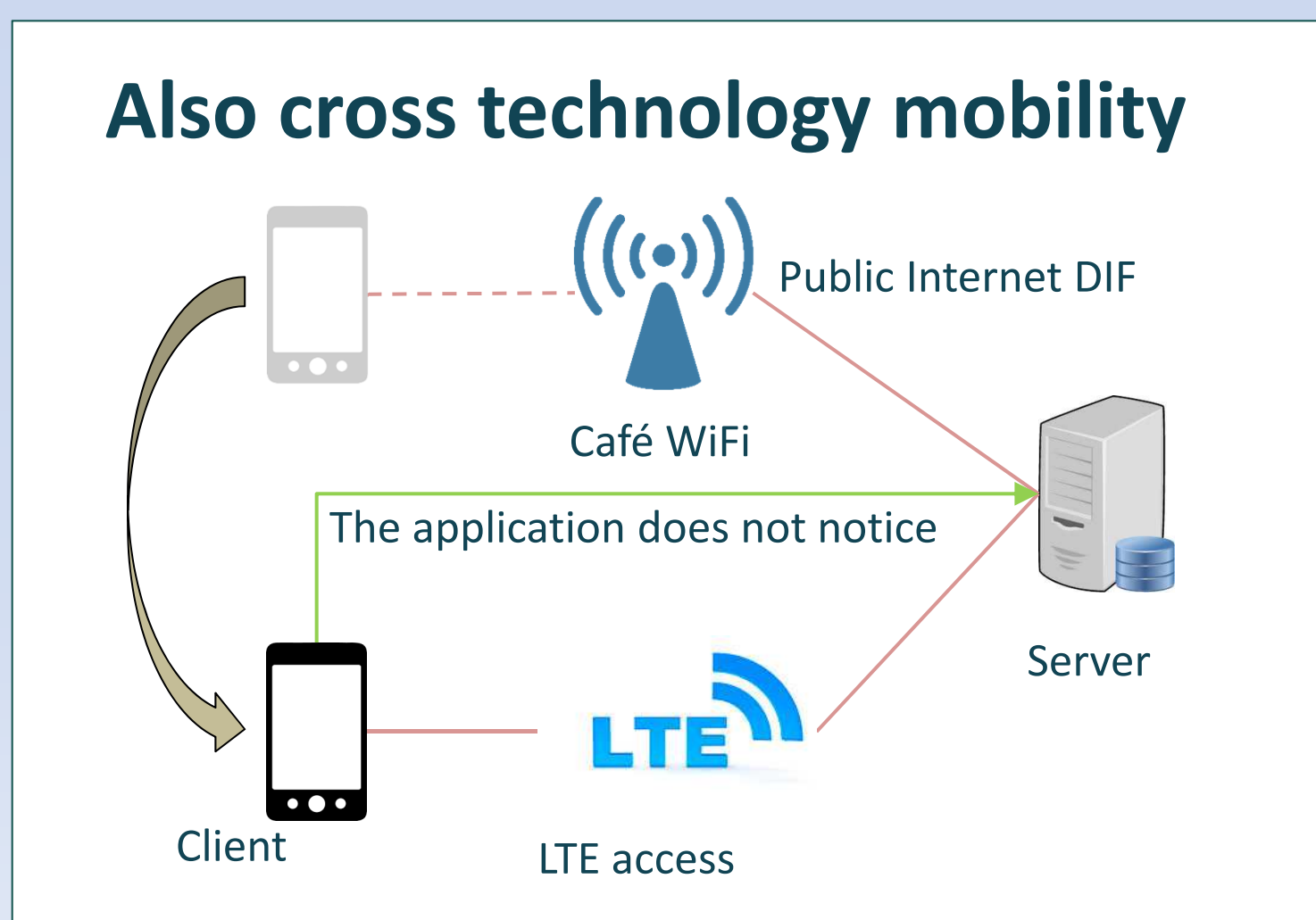
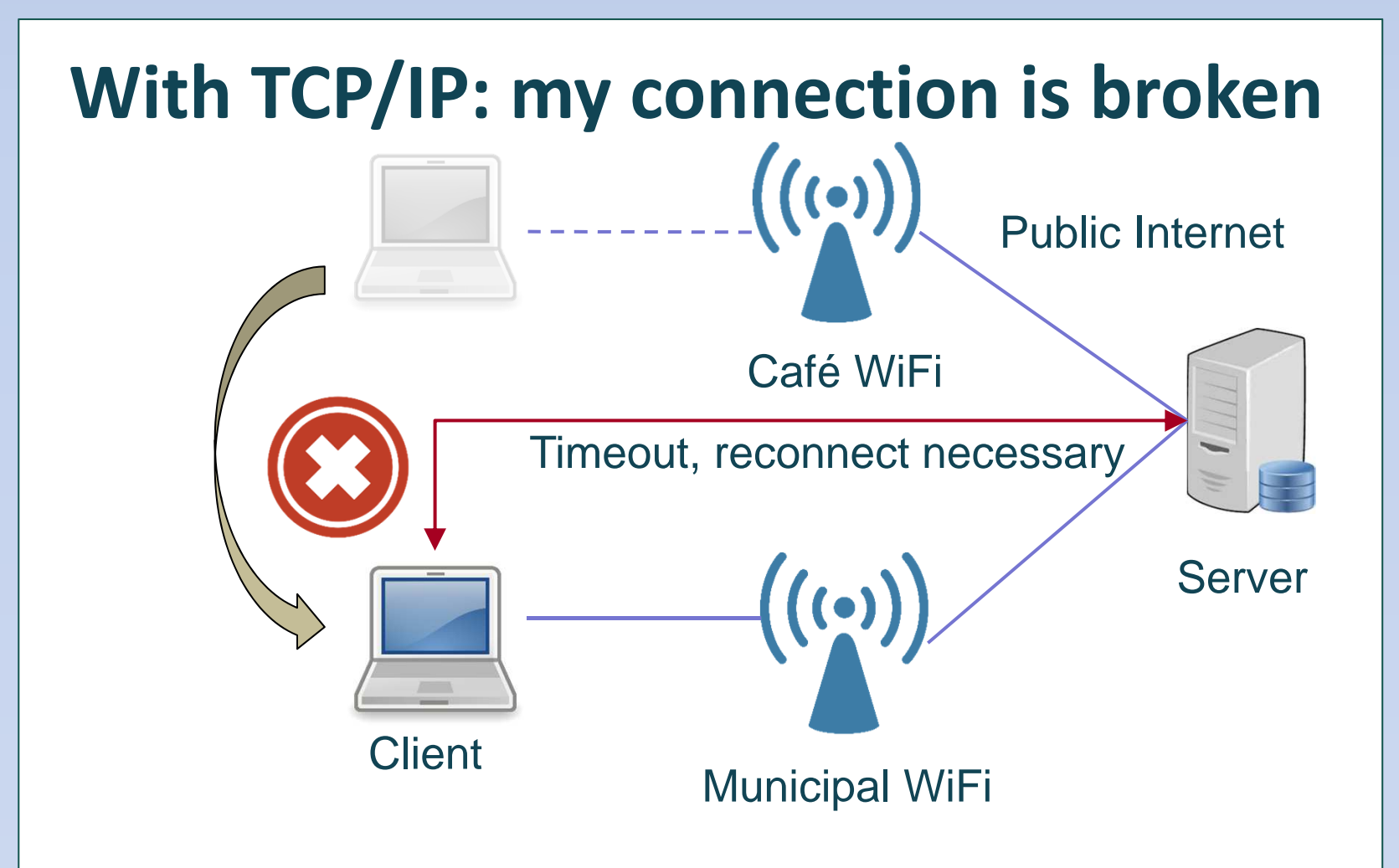
RINA Benefits

- Just two protocols: the rest are policies
- Mobility, multi-homing, network slices for free
- Security by design without extra protocols
- No Tunnels: VPN concept is part of the architecture
- Network management simplification: reduced OPEX

Seamless WiFi handover demo



When we walk out of the café...



rlite

A lightweight RINA implementation on GNU/Linux



github

