

Quiz: Bringing it all together

Throughout this course, you have explored various network protocols. Many system design principles, however, repeat across protocols. Listed below are five such principles. For each principle, provide two examples of network protocols that utilize it.

- **P1:** Modularity for managing a complex system
- **P2:** Hierarchy for managing scale
- **P3:** Soft state to reduce the complexity of managing state across multiple systems
- **P4:** Redundancy for reliability
- **P5:** Indirection, i.e., decouples a name from its actual realization to enable flexibility, scalability