

# Computer Networks

---

## Domain Name Service

- Distributed redundant, hierarchical database
  - ownership
  - characteristics of the organization
  - geography
- Query delegation
  - recursive
  - iterative
- Local Domain Name Resolution
- Domain Name Resolution
- Root Name Servers
- Top-level domain (TLD) servers
- Authoritative DNS server
- Local DNS server
- DNS records
- DNS tools: nslookup