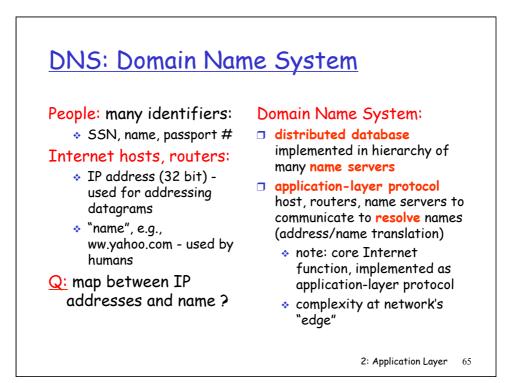
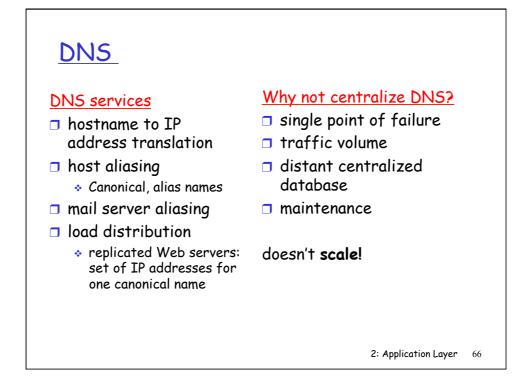


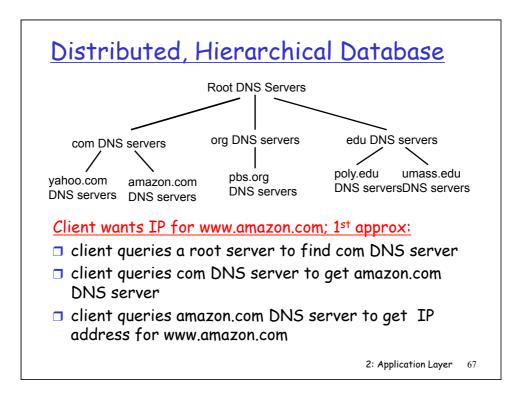
- 2.1 Principles of network applications
- 2.2 Web and HTTP
- 2.3 FTP
- 2.4 Electronic Mail
  SMTP, POP3, IMAP
- **2.5 DNS**

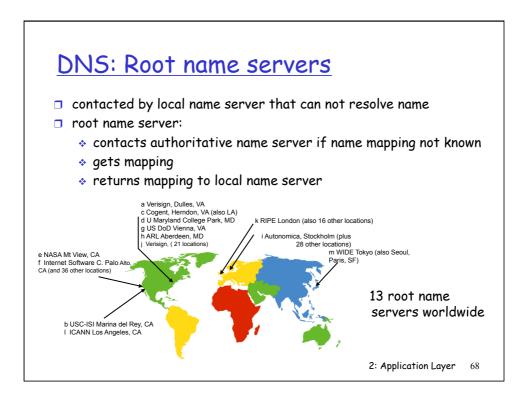
- □ 2.6 P2P file sharing
- 2.7 Socket programming with TCP
- 2.8 Socket programming with UDP
- 2.9 Building a Web server

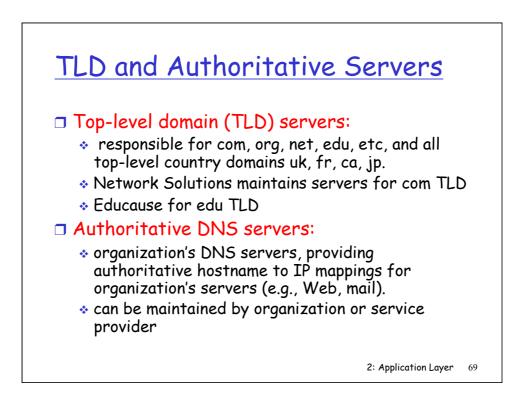
2: Application Layer 64

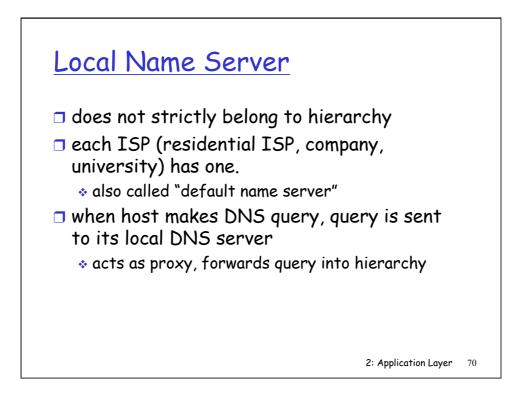


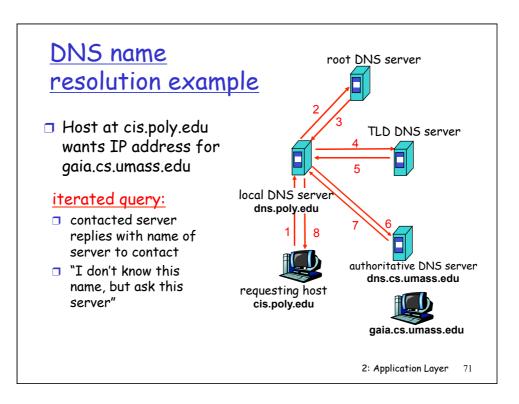


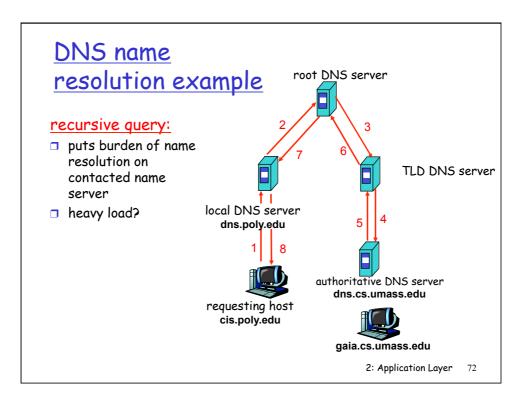


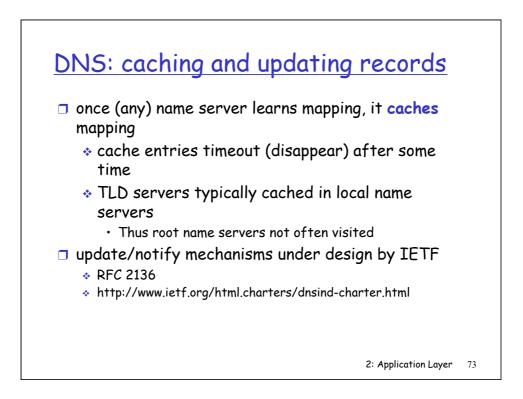


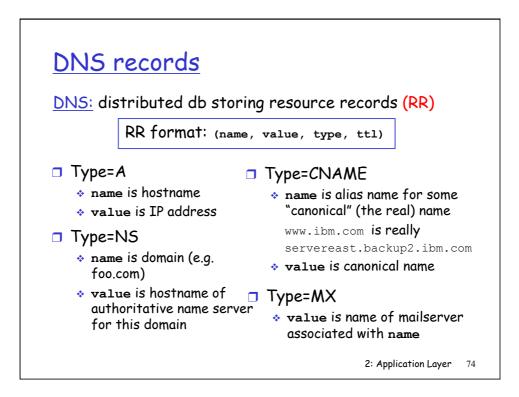


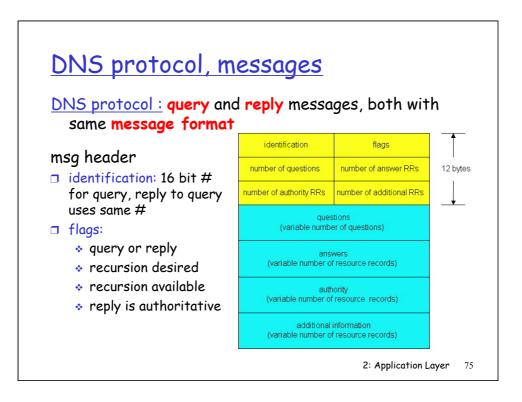


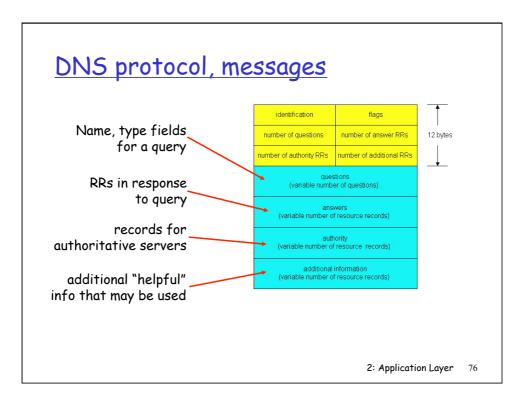


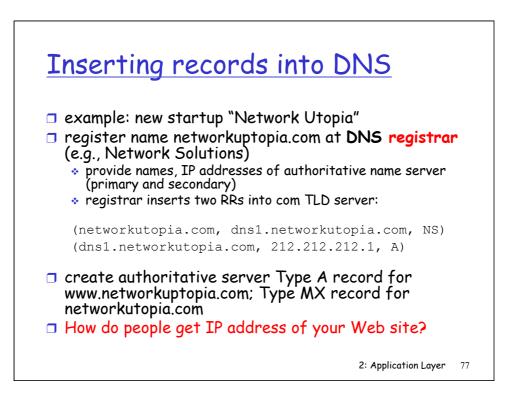




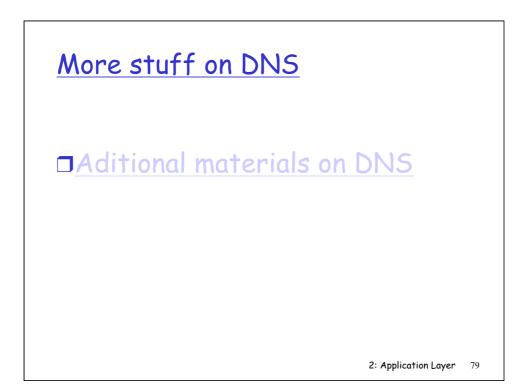












## Let's try it out... DNS BIND server: (submit GROUP ANSWERS via MOODLE)

- Select and Download a BIND DNS server application (any version > 9.4), to install at your personal PC or Workstation
- Install BIND s/w server at at your personal PC or Workstation
- 3. Using BIND, configure a DNS service (with Primary and Secondary servers) for the domain:
  - miebiom-gX.gcom.di.uminho.pt, using a minimal configuration setup, including SOA records, NS records, A records, PTR records and MX records

2: Application Layer 80