

Lecture 5: Application models and DNS

Reading 2.5 (DNS) and 2.6 (Peer-to-Peer)

Standalone applications

MS Word, Notepad

Client-server application

subversion

ATMs

ftp

distributed application

- clients, several servers collaborating

email

IRC

web

usenet NNTP newsgroups

peer-to-peer applications

- clients interacting directly

bittorrent

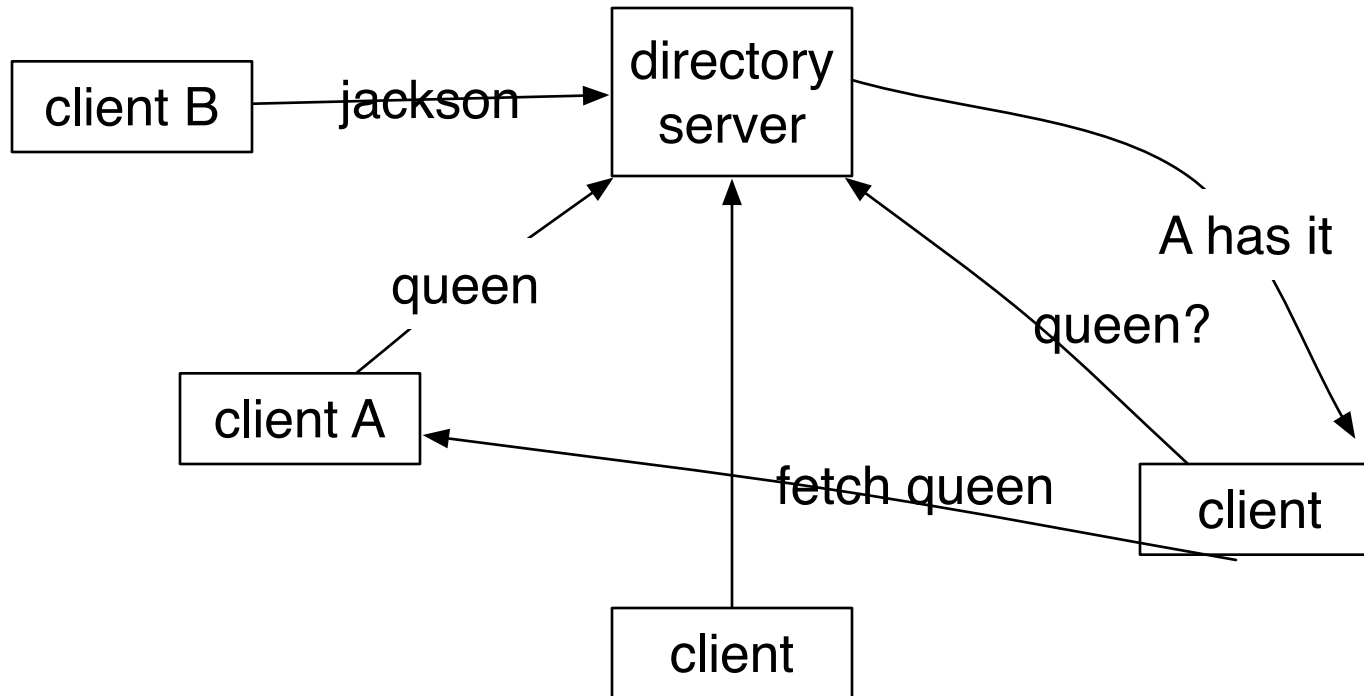
skype

TOR - The Onion Router

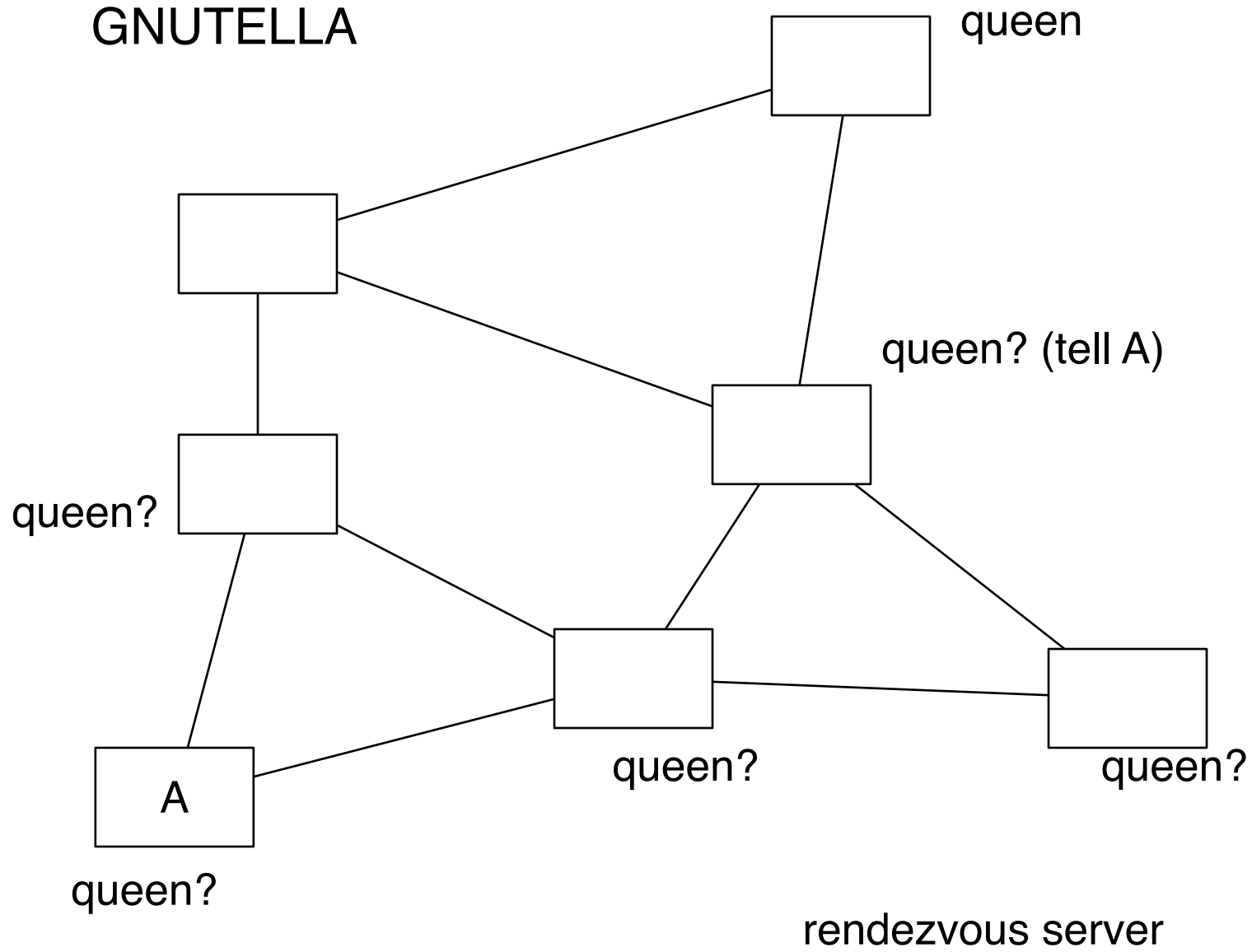
gnutella - limewire for example

Napster

not very robust
- single point of failure



GNUTELLA



Distributed Hash Tables: Chord

