Tasks and classification of computer networks

Foundations of computer networks

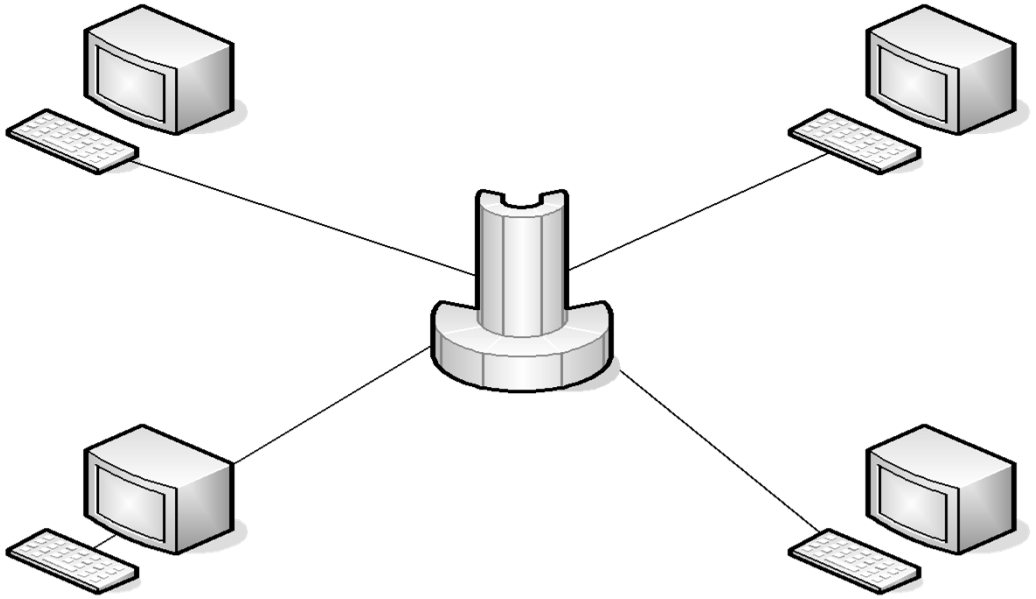
Tasks of LAN

- Sharing of physical resources
  - storage
  - printers
  - scanners
  - communication devices
- Sharing of logical resources
  - files
  - data
- Communication between users

Network architectures

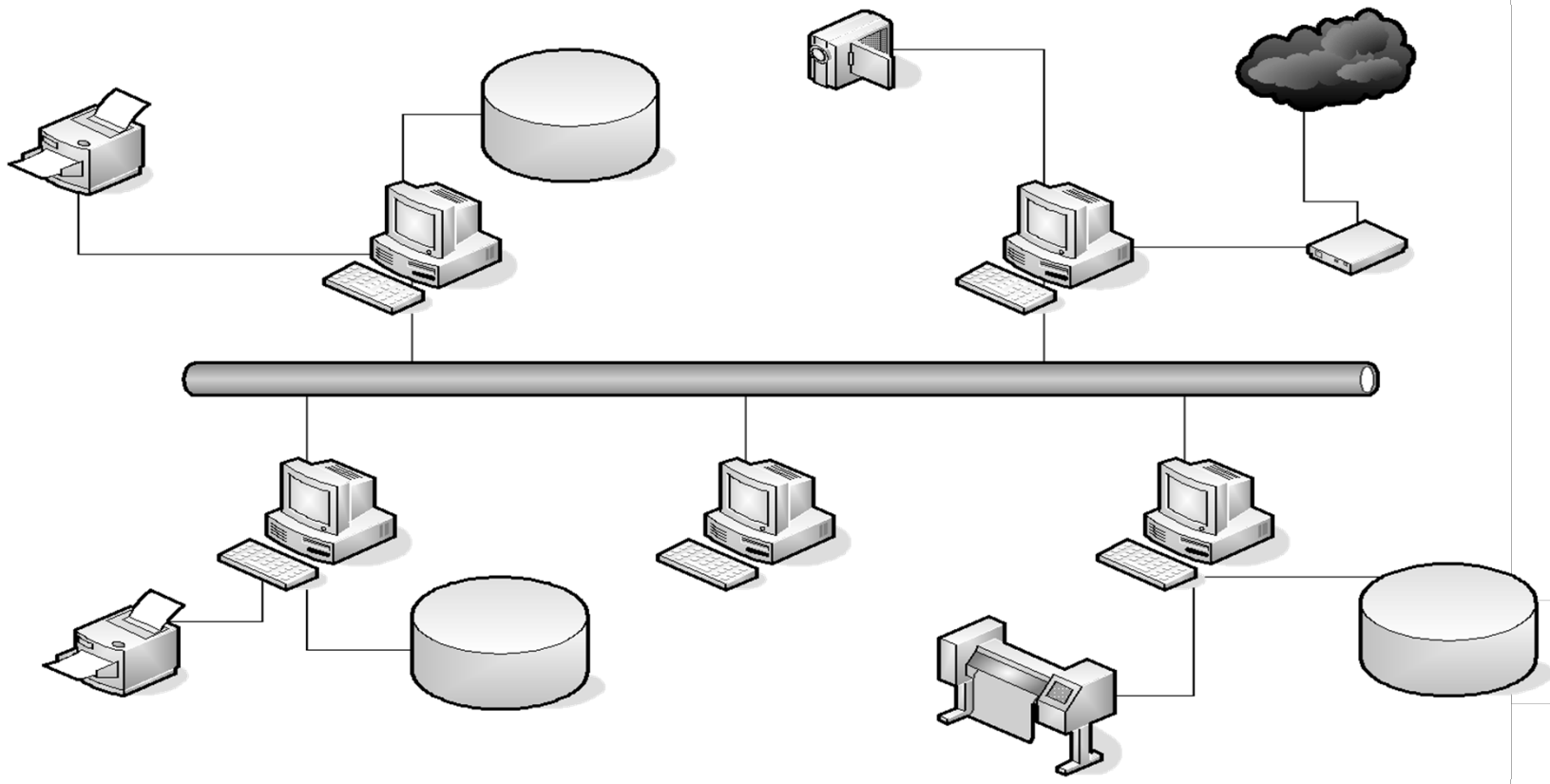
- Host – terminal
- Peer to peer
- Client – server

Host-terminal architectures

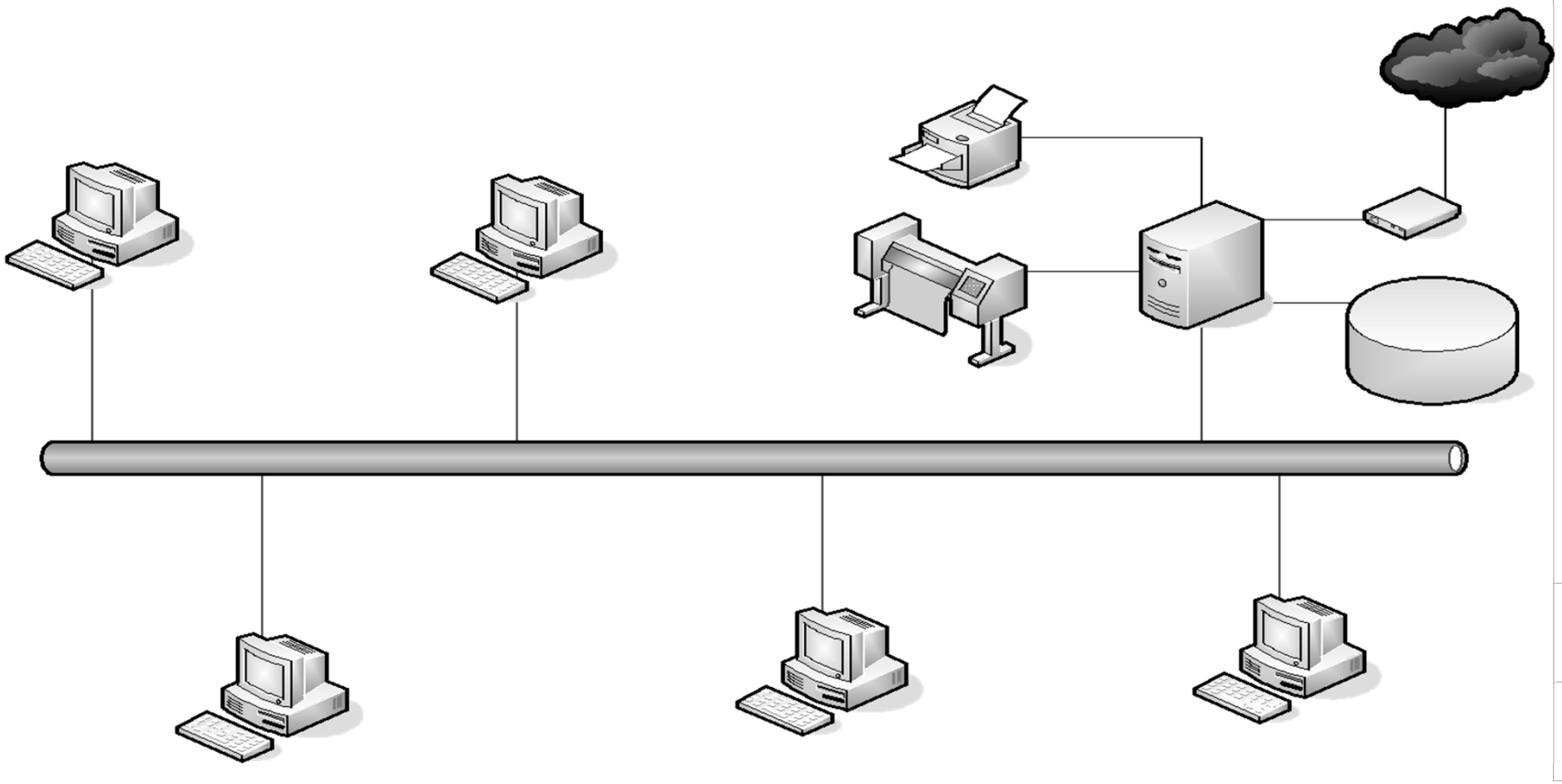


efficient use of resources

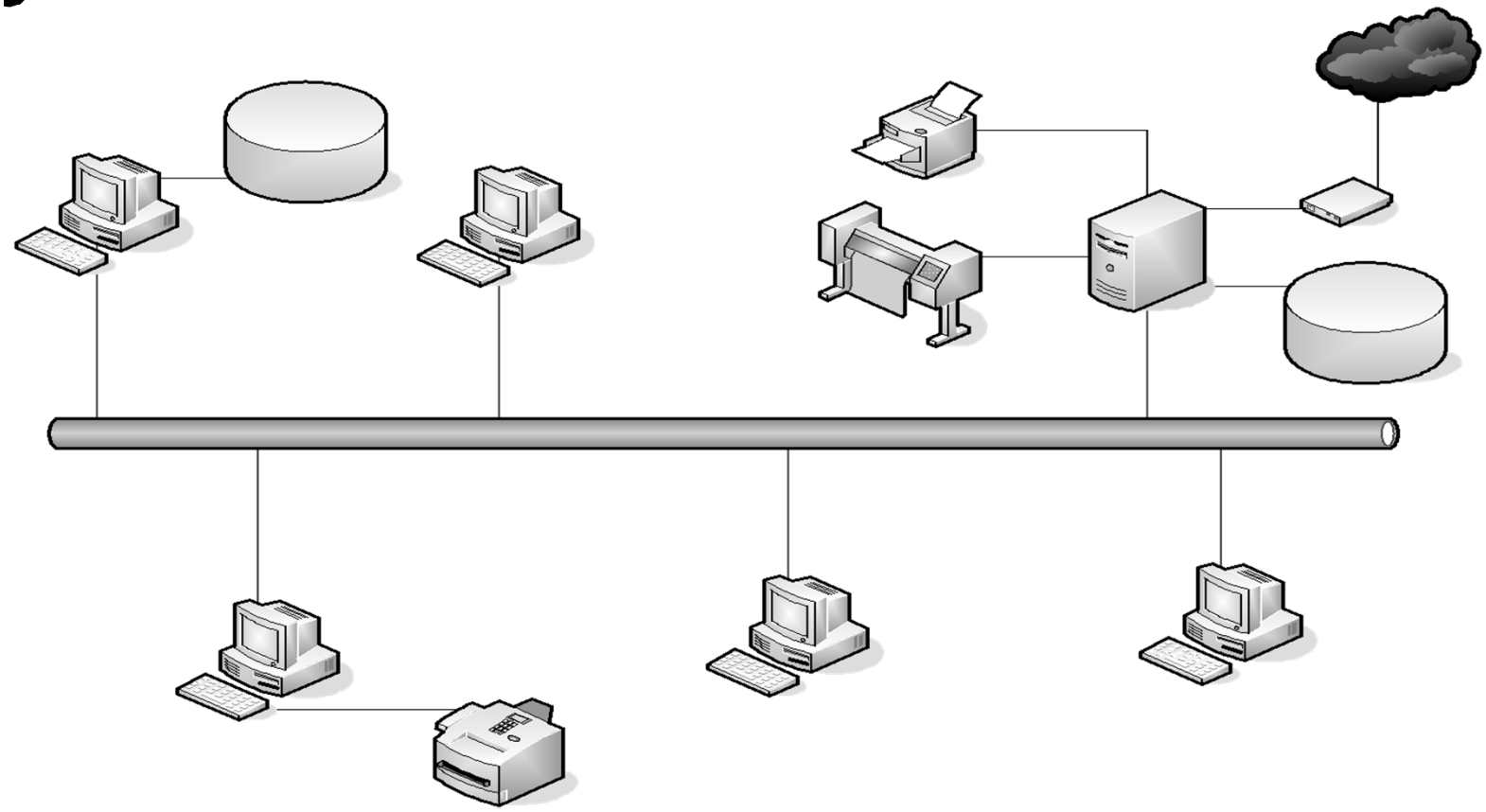
Peer to peer architecture



Client-serwer architecture

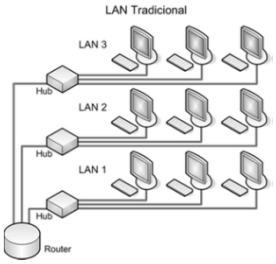


Hybrid architecture



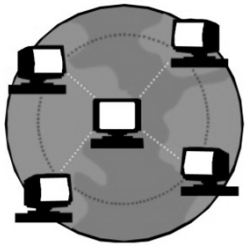
Range (territorial)

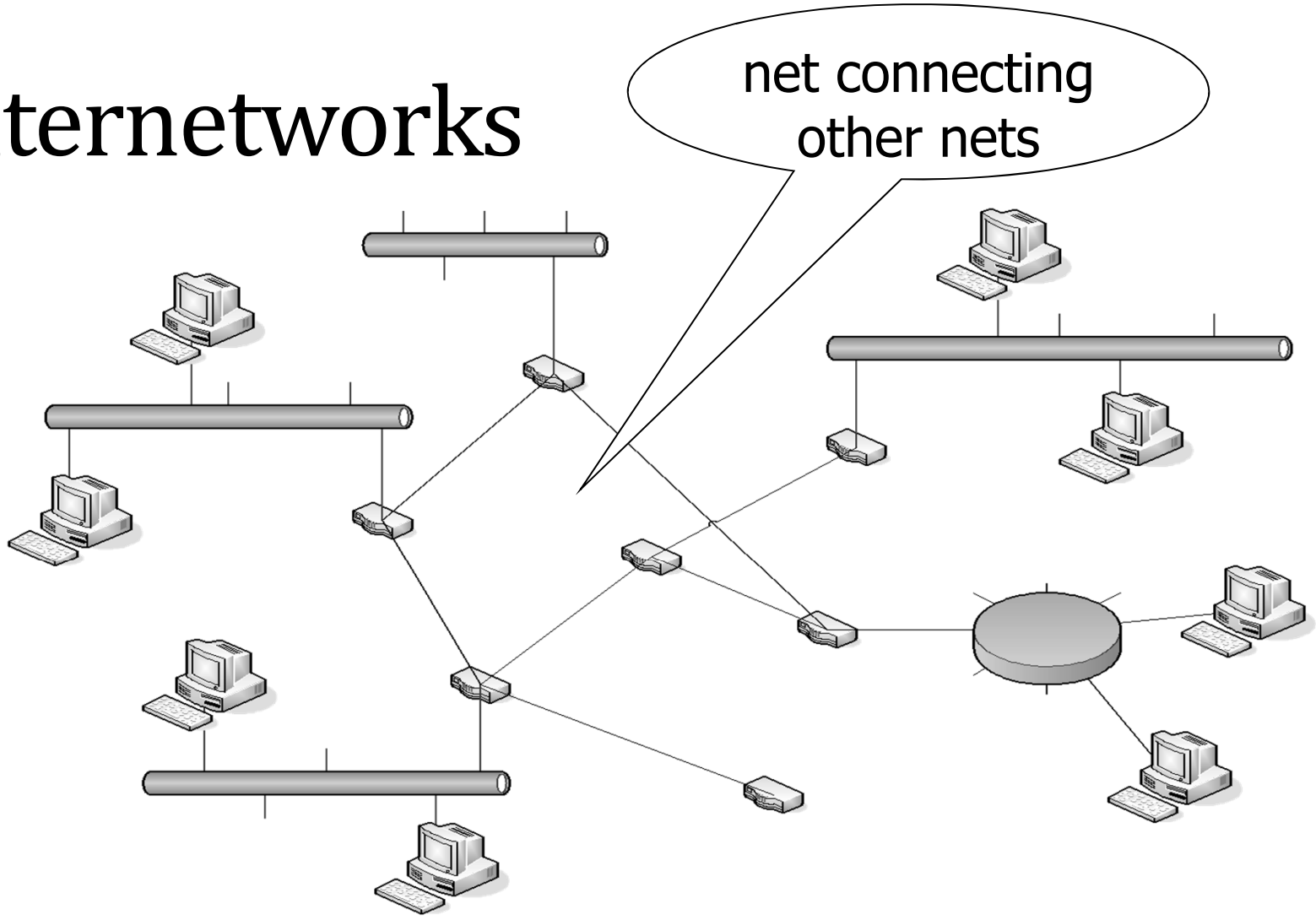
- PAN (ang. *personal area network*)



- LAN (ang. *local area network*)

- MAN (ang. *metropolitan area network*)



- WAN (ang. *wide area network*)

Internetworks