

Storage and Transfer Solutions Between Clusters

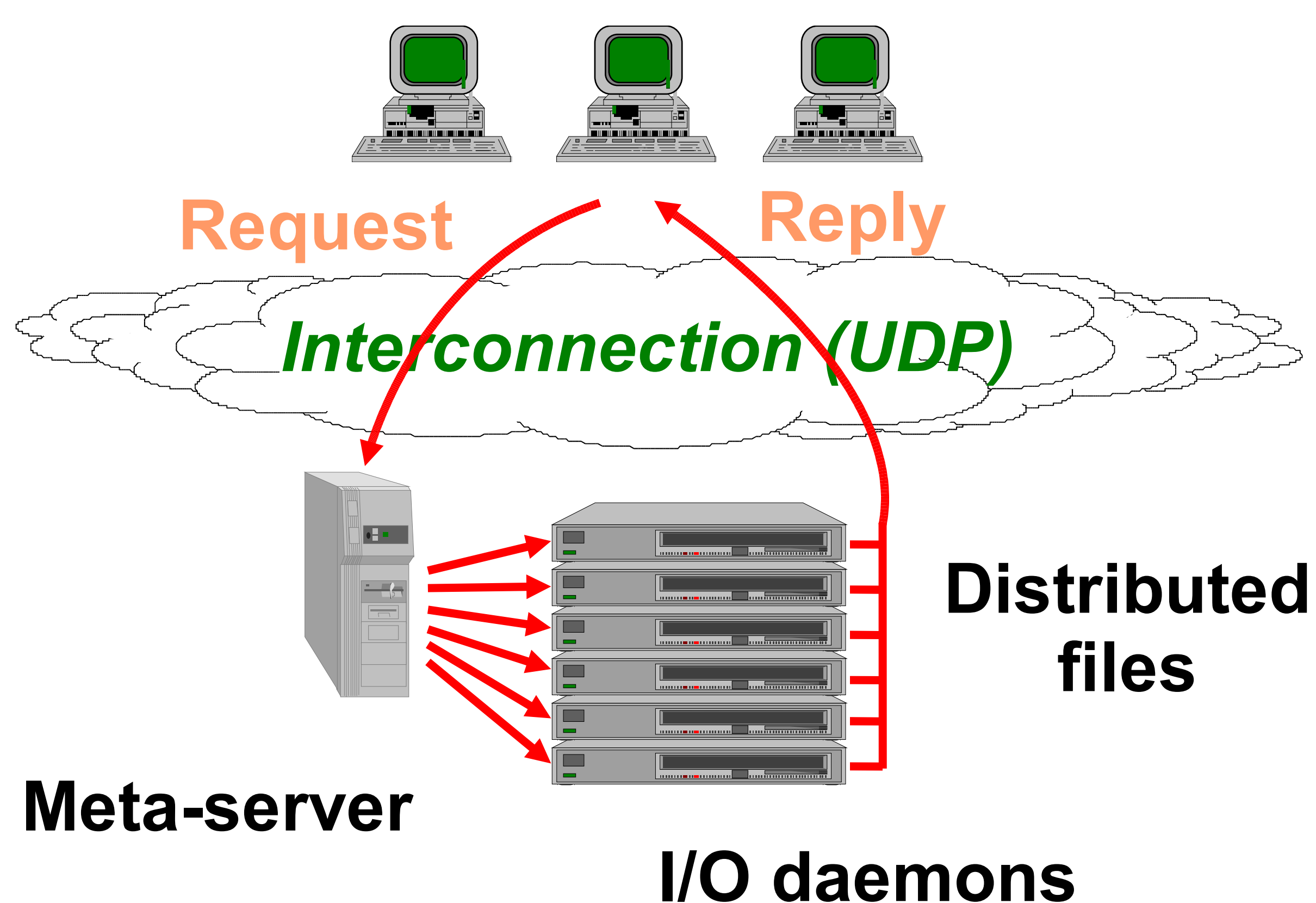
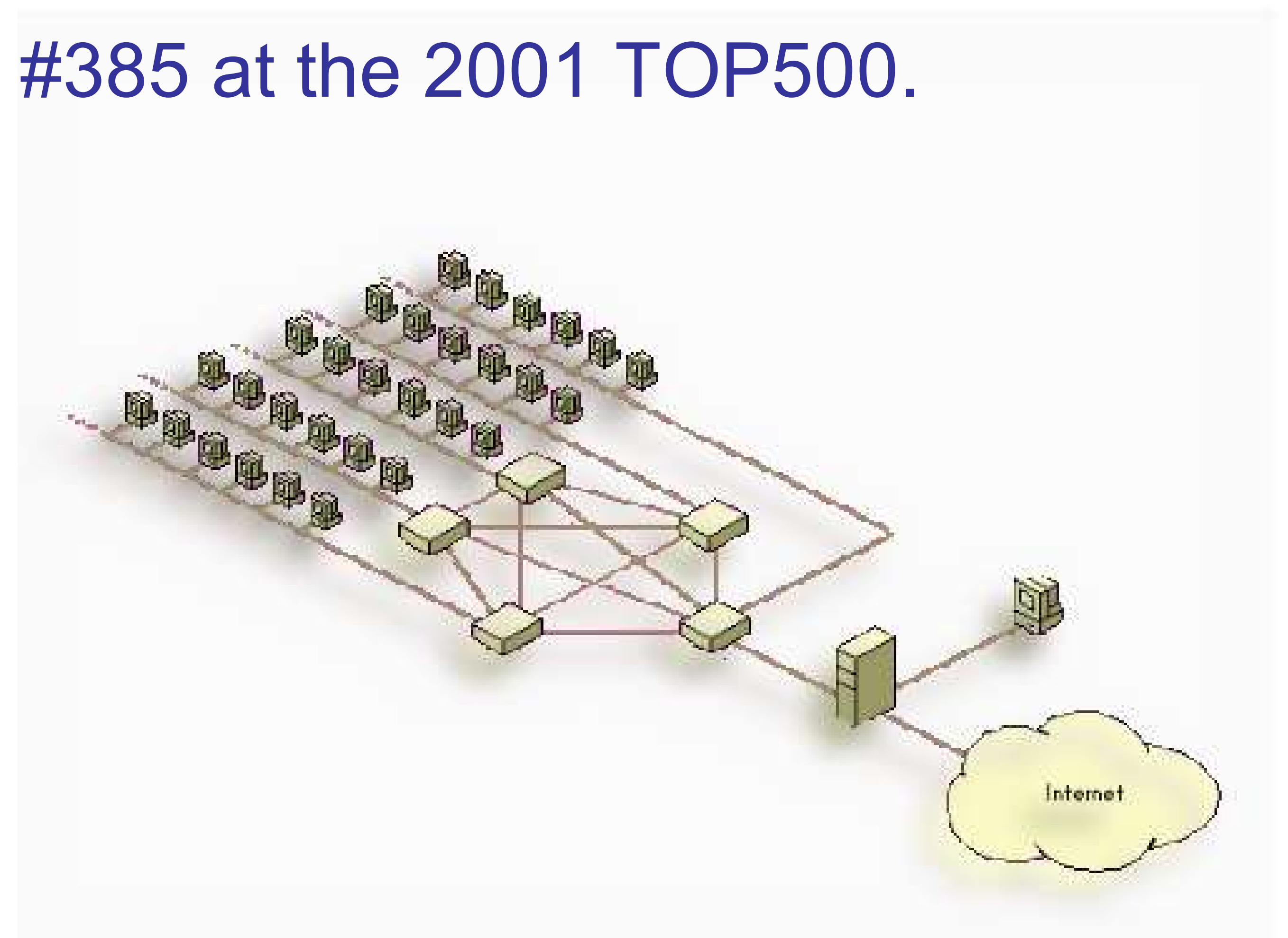


The I-Cluster project (HPLabs – ID-IMAG) aims at developing clustering solutions for office machines.

Ranked #385 at the 2001 TOP500.

Clustering tools developed :

- NFSP (storage)
- GXfer (site to site transfer)
- Ka-Tools (installation, monitoring)
- OAR (batch scheduler)

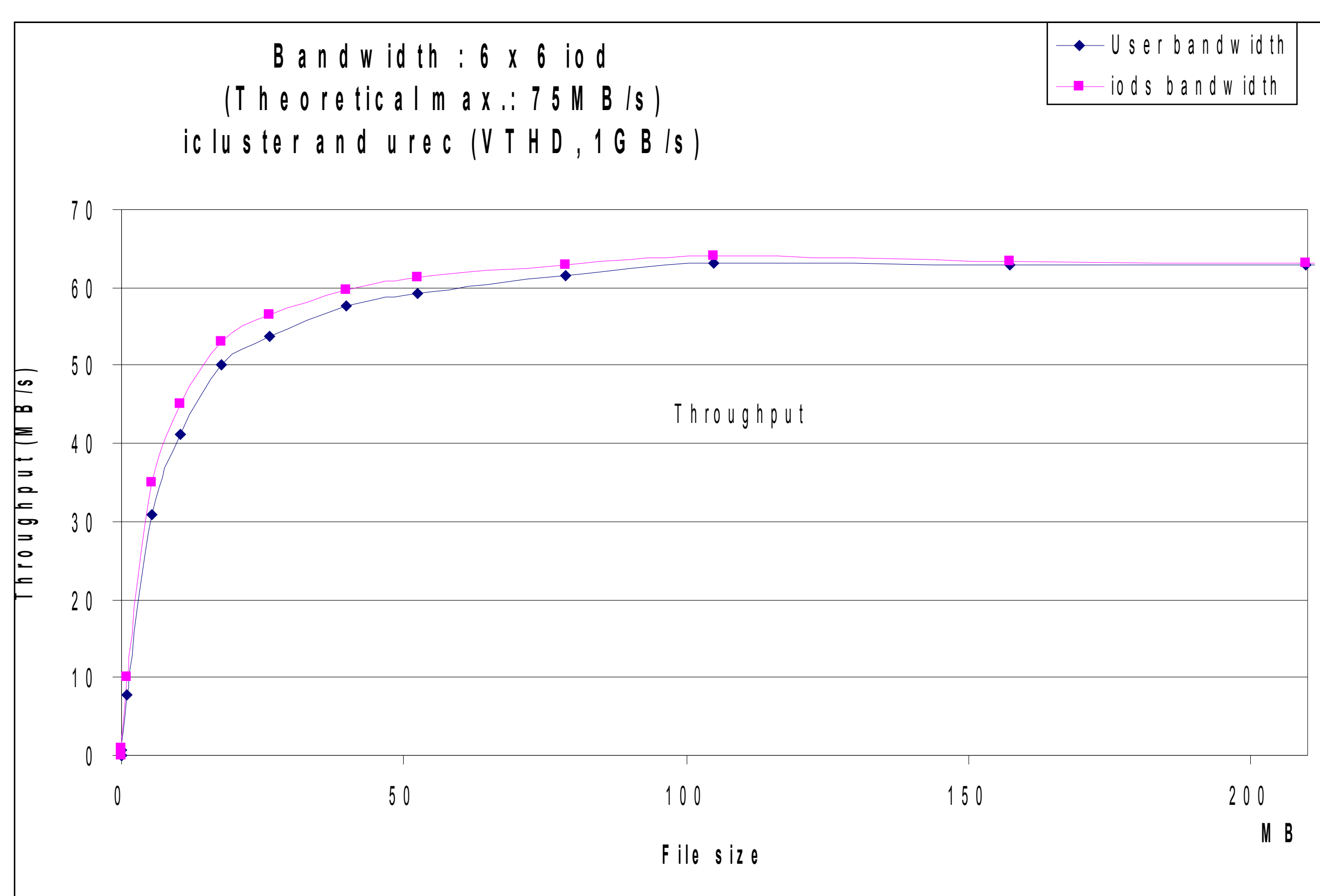
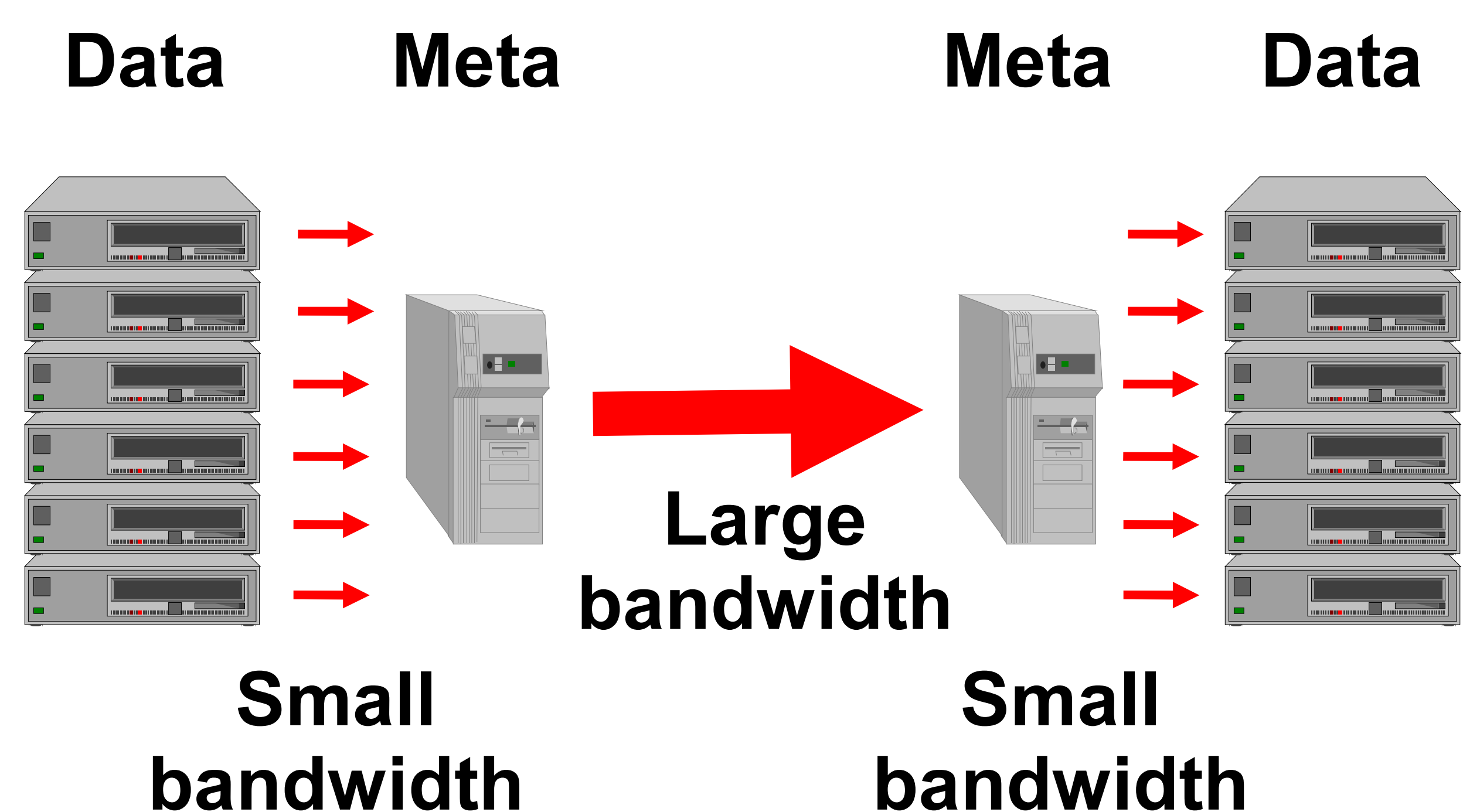


NFSP file system :

- aggregate unused disk space
- standard NFS server
- easy installation on clients
- performances for low-cost

GXfer tool :

- aggregate low-end system bandwidth to fill the network pipe
- optimize bandwidth use for inter-clusters transfers



GXfer comes with I/O daemons :

- dynamic loading of file system plugins
- aggregate low-end system bandwidth to fill the network pipe
- optimize bandwidth use in inter-clusters transfers