

dCache @ GridKa

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Outline

- dCache Pool Setup
- Transfer behaviour
- Latest dCache problems

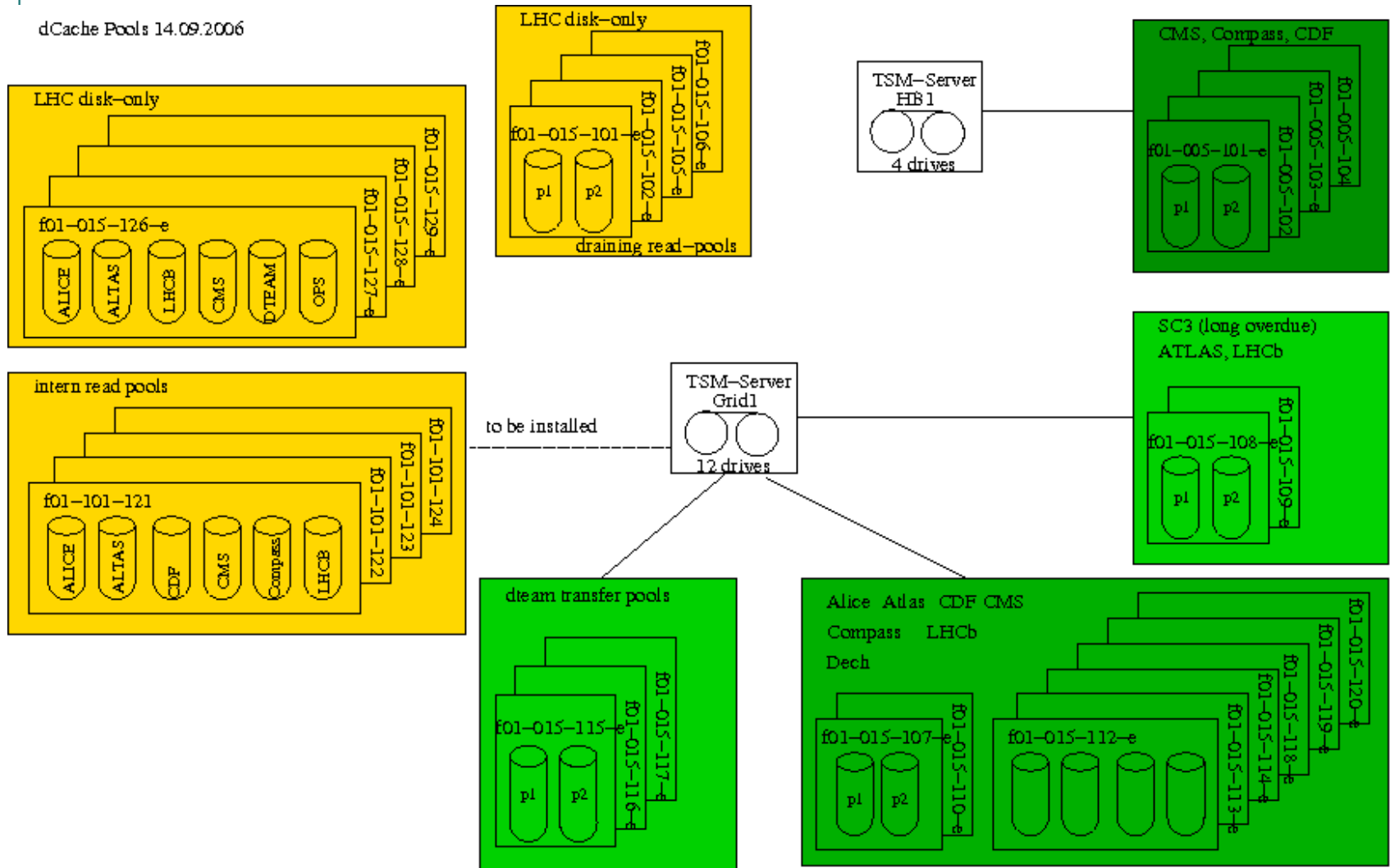


The different storage areas within dCache today

- Old production area for CMS, CDF, COMPASS
 - Contains files written before August 2006
 - 4 machines each with two pools
- Disk-only
 - /pnfs/gridka.de/<vo>/disk-only
 - disk-space is separated for each VO
- Tape connected
 - /pnfs/gridka.de/<vo>
 - Everything underneath this path is written to tape

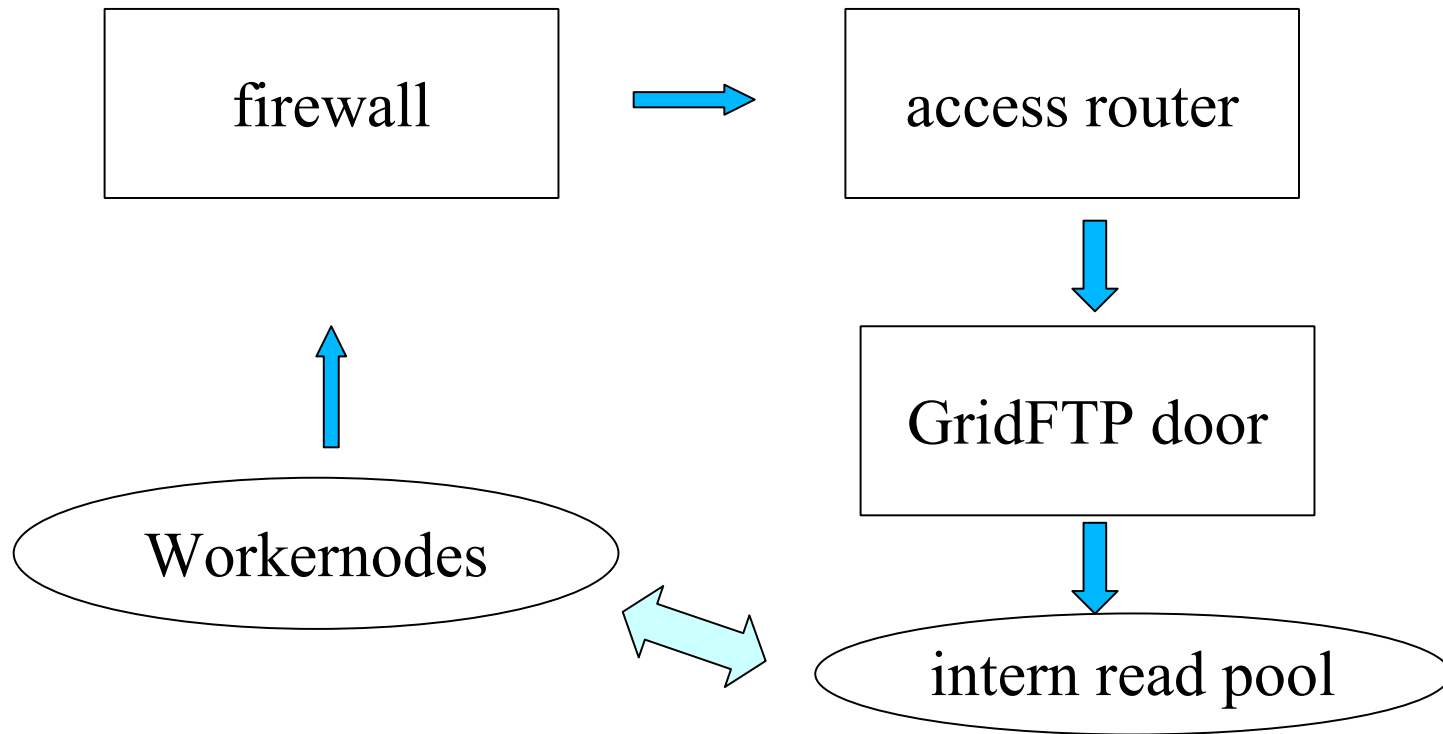


dCache Pools 14.09.2006





SRM versus dcap transfer

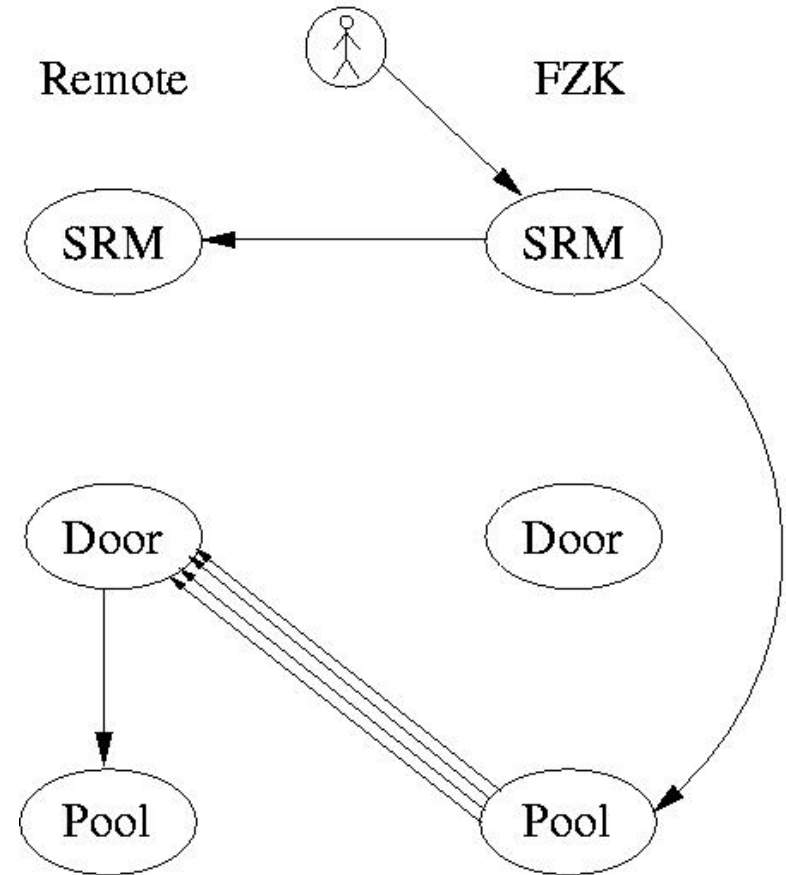
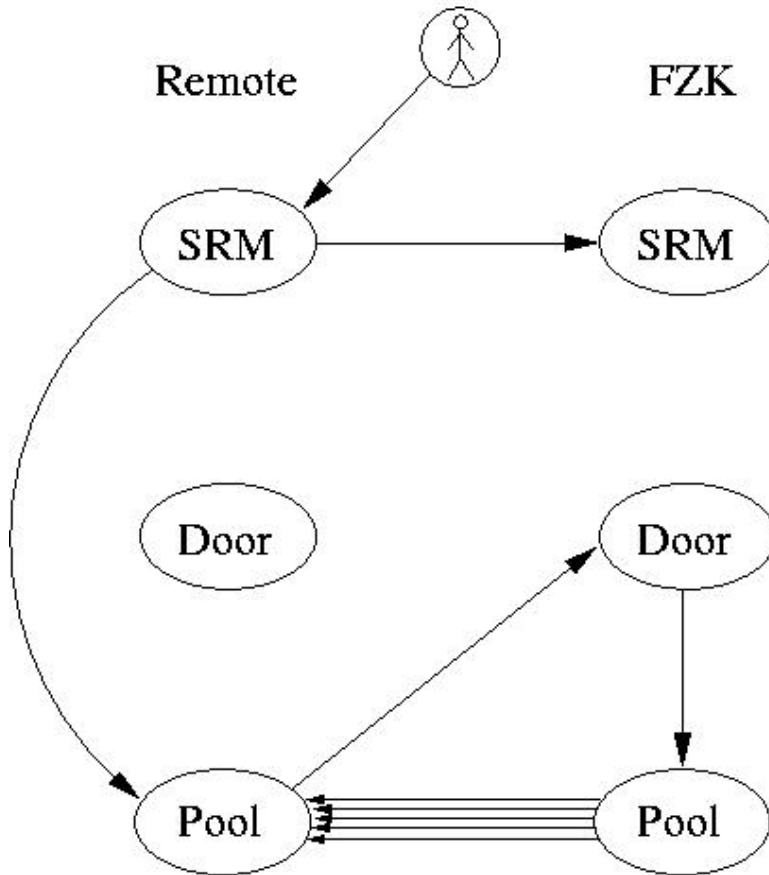




SRMCP

FZK to Remote, pushmode=false:

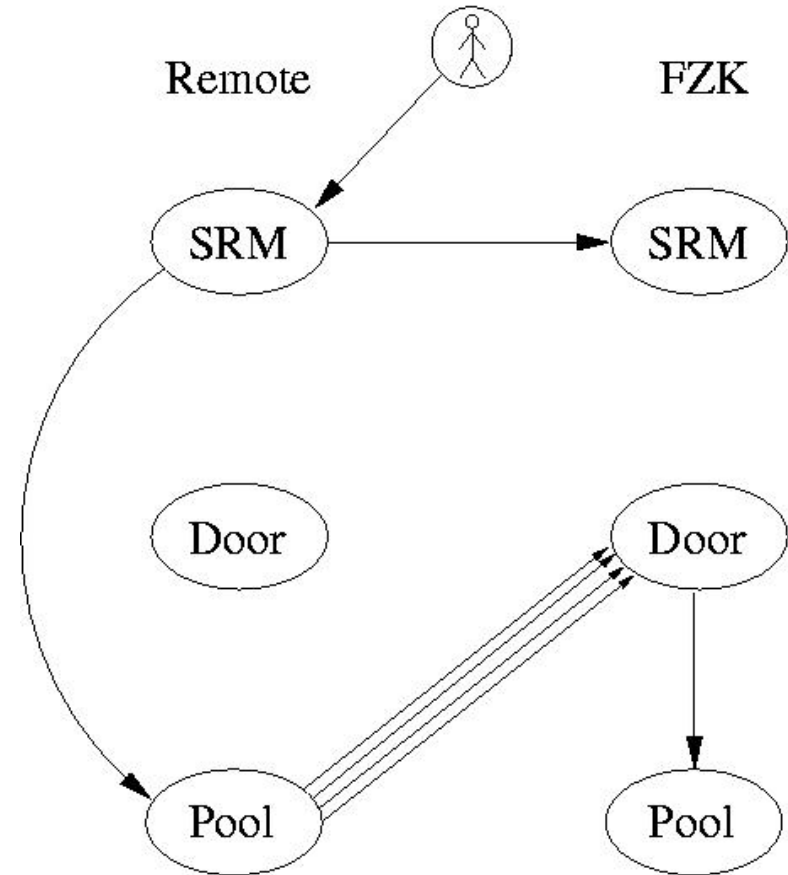
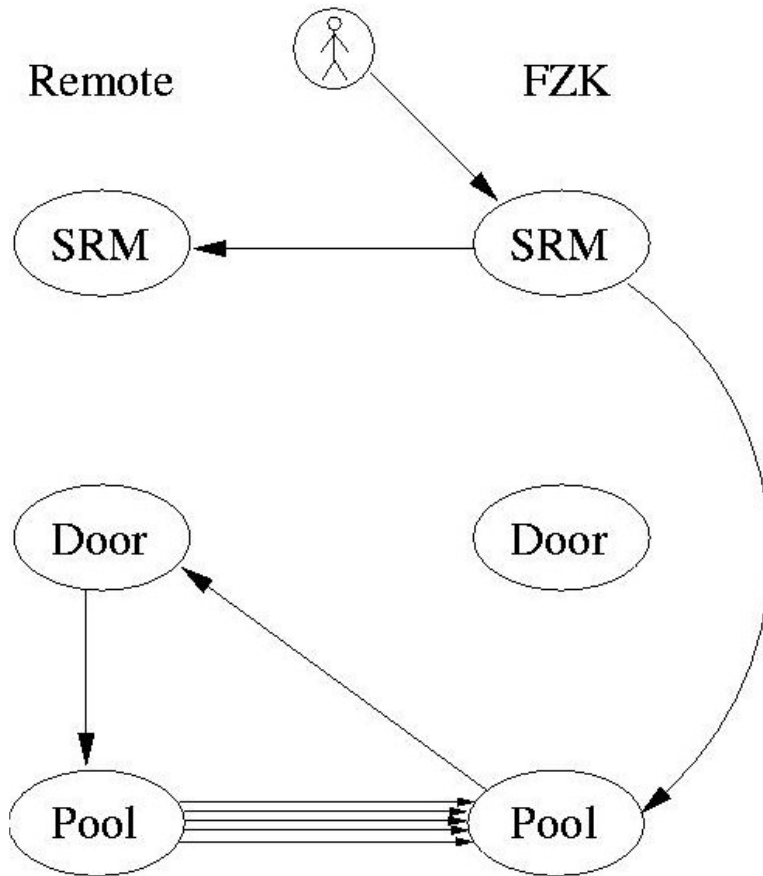
FZK to Remote, pushmode=true:



SRMCP

Remote to FZK, pushmode=false:

Remote to FZK, pushmode=true:



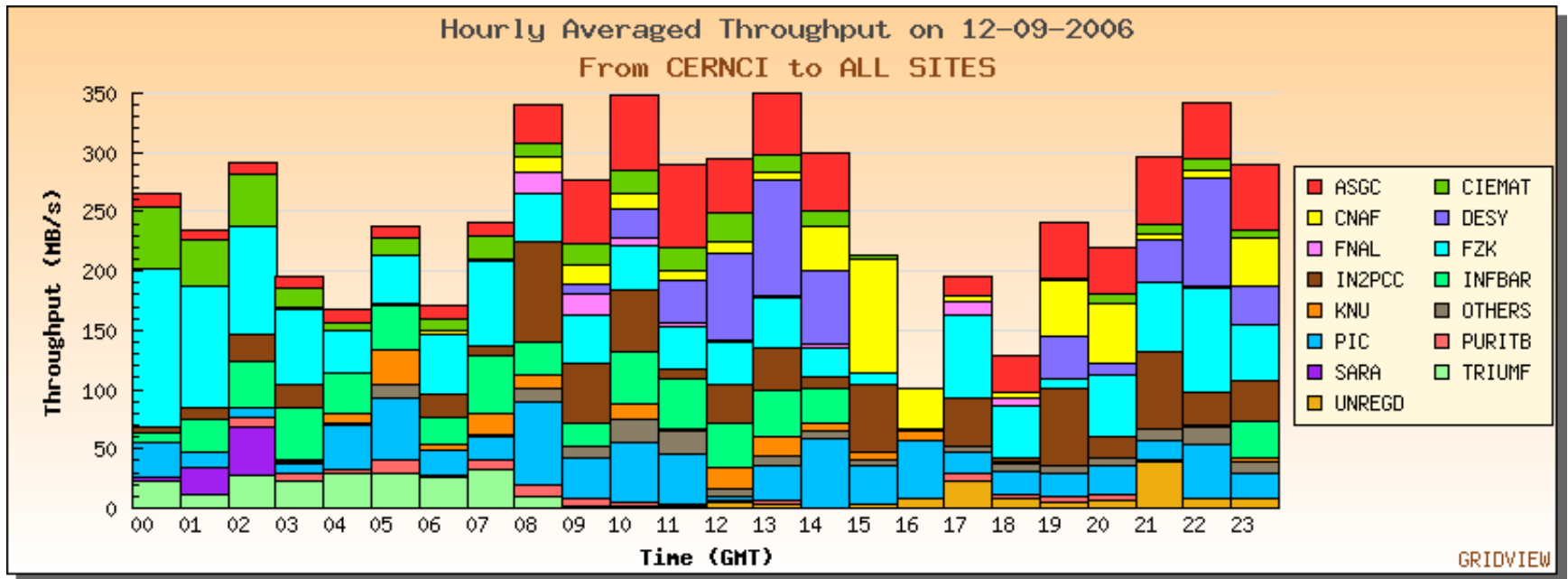


Latest dCache Problems

- gridFTP Problems – solved but needs update of dCache
 - wrong return code
 - memory leak
 - max logins
 - number of parallel streams
 - hanging transfers
- Different dCache versions on SE and rest of dCache -solved
- Published Storage Information – solved but needs update of dCache
- Tape connection problems – not visible to the user
- User problems
 - Using wrong path
 - A dCache file can not be overwritten
 - lcg-gt using lcg-bdii.cern.ch - timeout

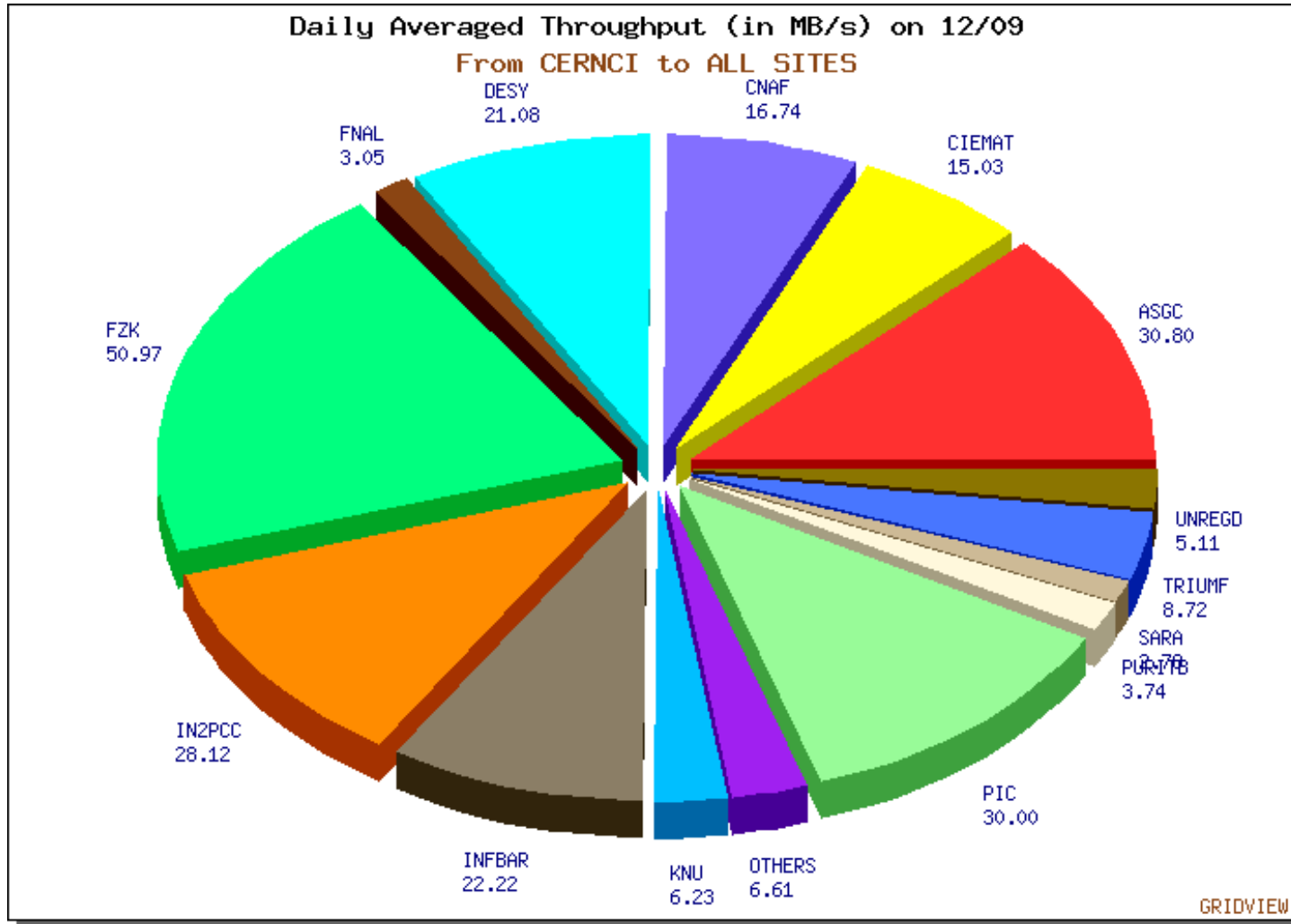


<http://gridview.cern.ch/GRIDVIEW/>





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Thank you for your attention!

Questions?