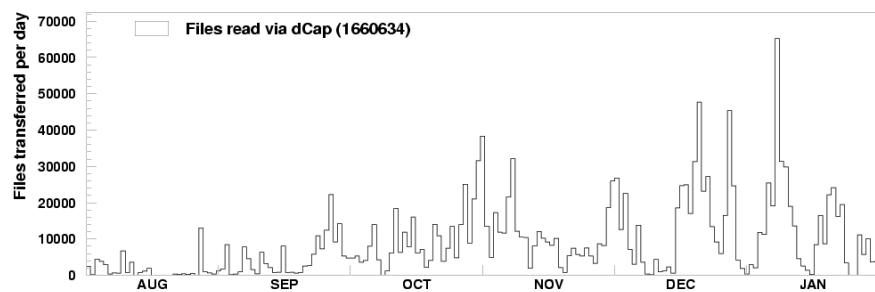


PHENIX dCache System at the RCF

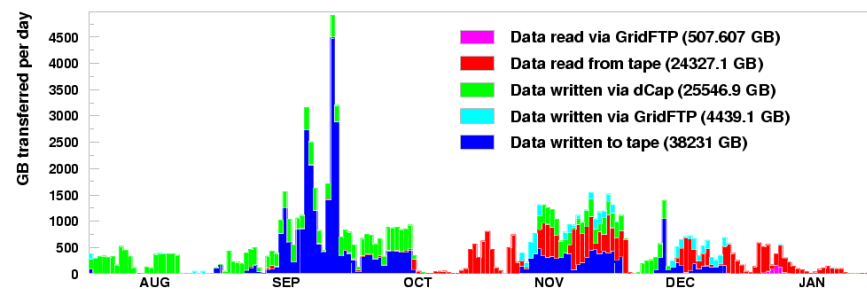
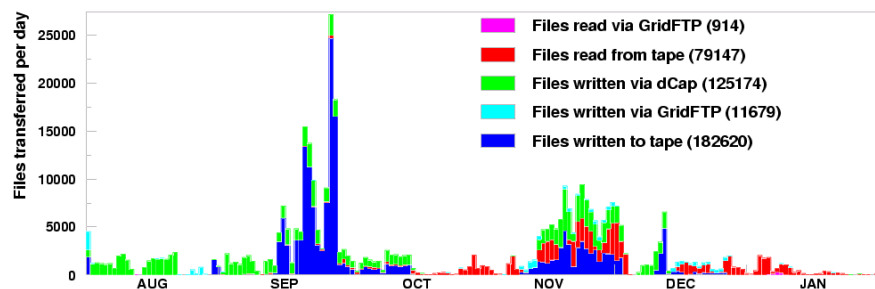
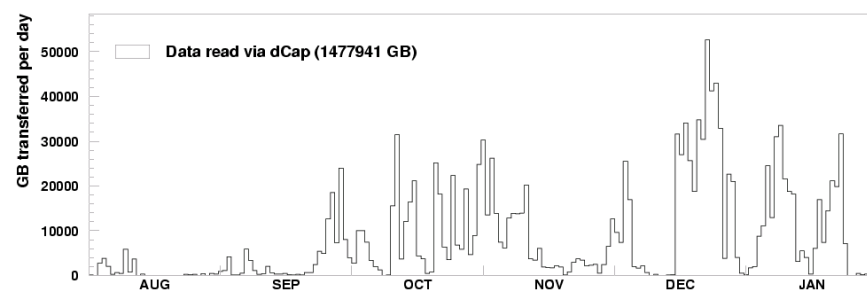


- 25 TB of locally-mounted storage on 212 pools spanning 128 servers
- Registered Reconstructed Data:
 - Run 5 (p-p): 26 TB Run 4 (HI+p-p): 243 TB
- Automated metadata registration concurrent with data-taking
- Offsite file transfer via SRM/GridFTP

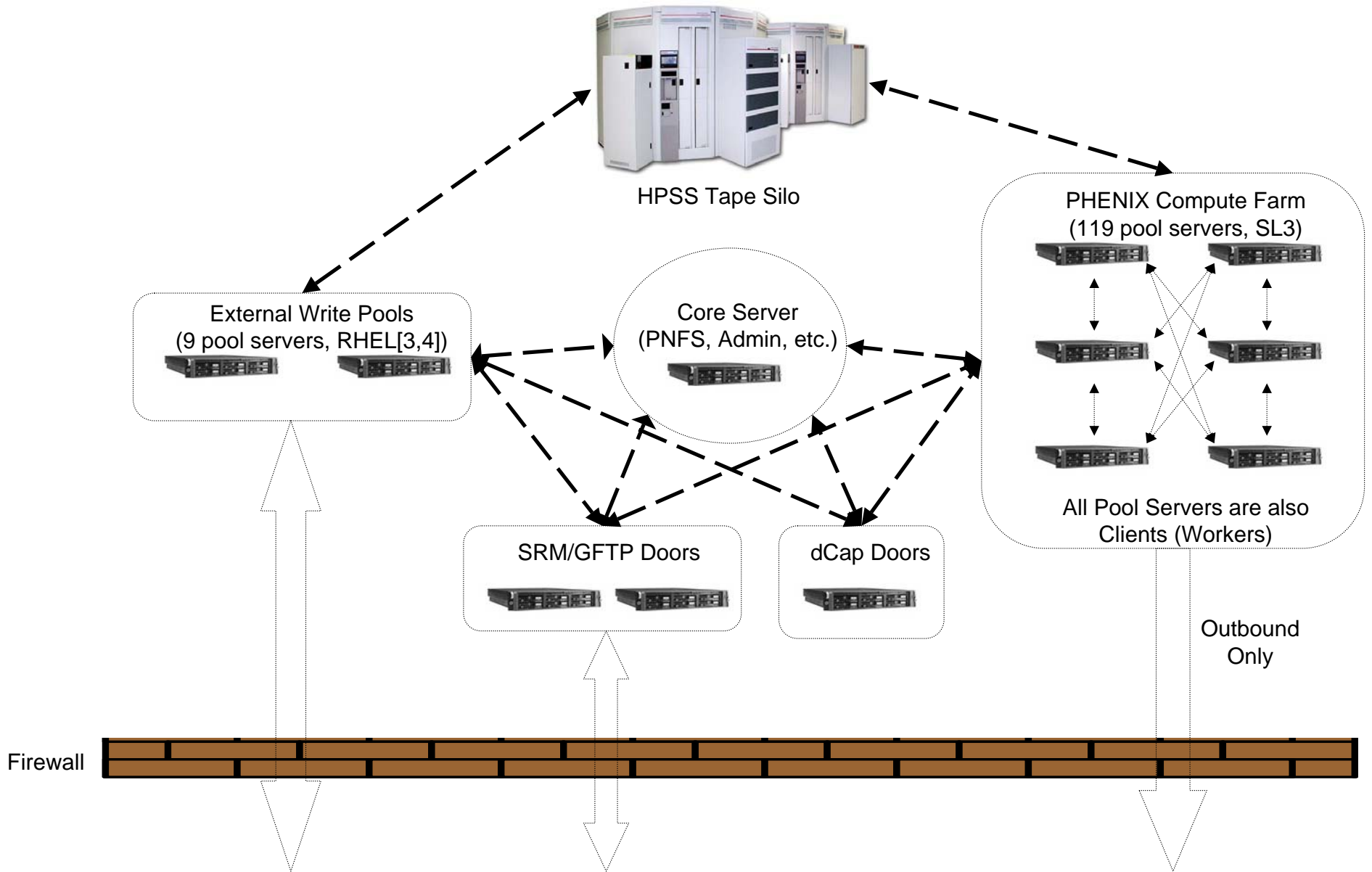
Phenix dCache Statistics, Aug. 2005 - Jan. 2006



Phenix dCache Statistics, Aug. 2005 - Jan. 2006

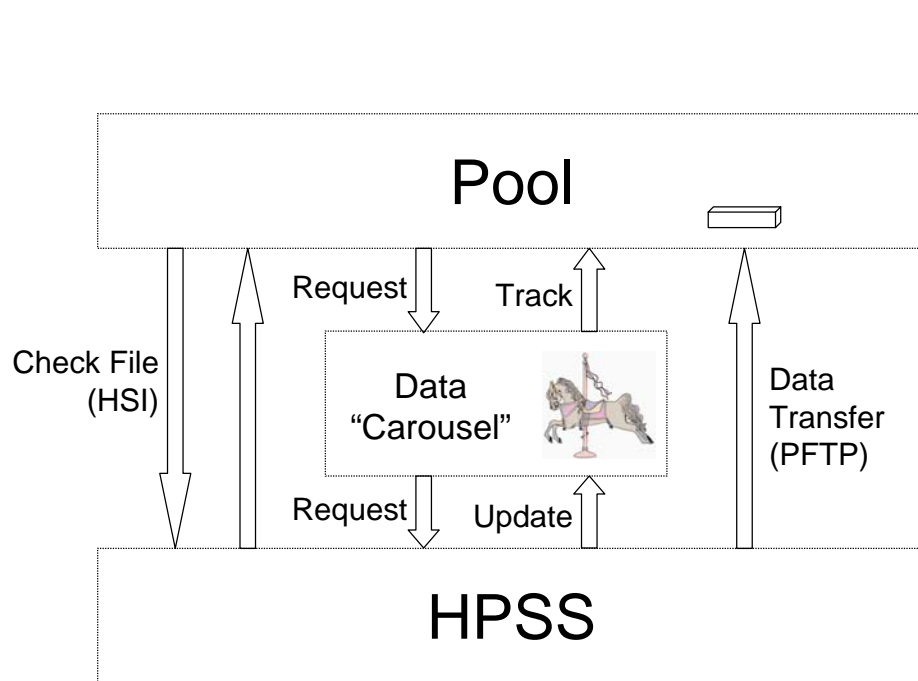


PHENIX dCache Configuration

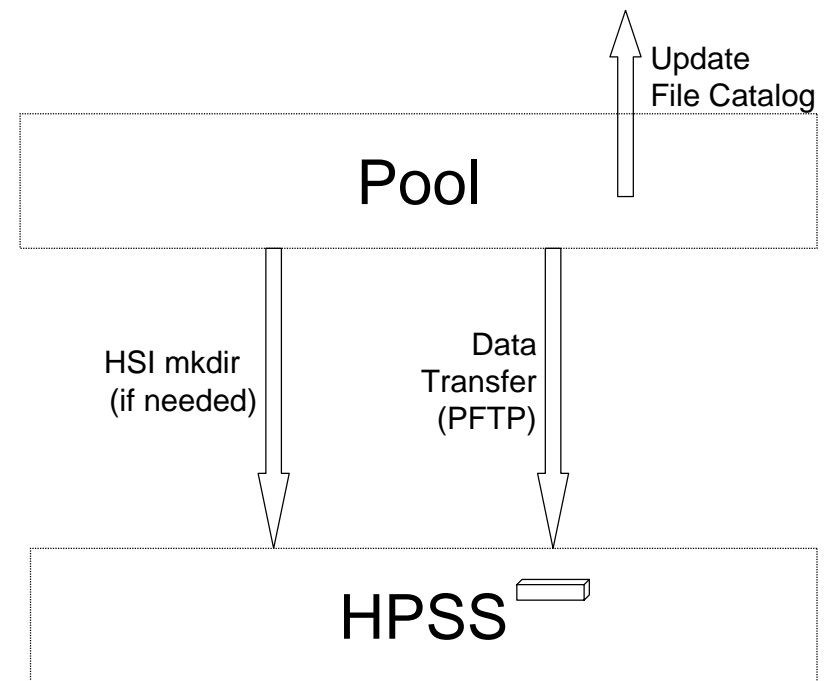


PHENIX dCache HSM Backend Interface

- HSI Interface; PFTP data transfer
- “Data Carousel”: Intermediate policy-driven tape access optimization layer (MySQL, ORBS)
- Files written to HPSS owned by “dcphenix” user; PNFS tree replication
- Automated update of PHENIX file catalog upon write



“Get” From Mass Storage



“Put” Into Mass Storage