



*Service Challenge Meeting*

# **“Summary of planning discussion”**

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# Service Challenge Summary



- "Service Challenge 2" Started 14<sup>th</sup> May (yesterday)
- Set up Infrastructure to 6 Sites
  - NL, IN2P3, FNAL, FZK, INFN, RAL
- 100MB/s to each site
  - 500MB/s combined to all sites at same time
  - 500MB/s to a few sites individually
- Use RADIANT transfer software
  - Still with dummy data
  - 1GB file size
- Goal : by end March, sustained 500 MB/s at CERN



# Plans and timescale - Proposals



- Monday 14<sup>th</sup>- Friday 18<sup>th</sup>
  - Tests site individually. 6 sites, so started early with NL !
    - Monday IN2P3
    - Tuesday FNAL
    - Wednesday FZK
    - Thursday INFN
    - Friday RAL
- Monday 21<sup>st</sup> – Friday 1<sup>st</sup> April
  - Test all sites together
- Monday 4<sup>th</sup> – Friday 8<sup>th</sup> April
  - Up to 500MB/s single site tests
  - Fermi, FZK, SARA
- Monday 11<sup>th</sup> - ...
  - Tape tests ?
  - Fermi, INFN, RAL
- Overlaps with Easter and Storage Management workshop at CERN



# Meetings



- SC2 Meetings
  - Phone Conference Monday Afternoon
  - Daily call with different sites
- Post SC2 Meetings
  - Tuesday 4pm (starting April)
- Storage Workshop
  - 5-7 April @ CERN
- Pre-SC3 Meeting
  - June 13<sup>th</sup> – 15<sup>th</sup> at CERN
- Taipei SC Meeting
  - 26<sup>th</sup> April
- Hepix @FZK
  - 9-13 May



- Mid April – Mid June – SC2
  - Taipei
  - BNL
  - PIC
  - TRIUMF
- SC3 deployment
- SRM Tests
  - FZK, SARA, IN2P3 BNL(end March?)
- CERN
  - Tape Write at given rate (300MB/s)
  - Split over 6 sites for remote write



## Tier 2s



- New version of 'Joining the SC as a Tier-1'
  - Test with DESY/FZK – April
- 'How to be a Tier-2' document
  - DESY (CMS + ATLAS)
  - Lancaster (atlas)
  - London (cms)
  - Torino (alice)
  - Scotgrid (LHCb)
- Each Tier-2 is associated with a Tier-1 who is responsible for getting them set up
- Services at Tier-2 are managed storage and file transfer component



# Experiment specific plans



- SC3 phases
  - Setup and config - July + August
  - Experiment software with throwaway data - September
  - Service phase
    - ATLAS – Mid October
    - ALICE – July would be best...
    - LHCb – post-October
    - CMS - ?
- Tier-0 exercise
- Distribution to Tier-1
- ...