



Service Challenge Meeting

“Summary of planning discussion”

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Service Challenge Summary



- "Service Challenge 2" Started 14th 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 14th- Friday 18th
 - Tests site individually. 6 sites, so started early with NL !
 - Monday IN2P3
 - Tuesday FNAL
 - Wednesday FZK
 - Thursday INFN
 - Friday RAL
- Monday 21st – Friday 1st April
 - Test all sites together
- Monday 4th – Friday 8th April
 - Up to 500MB/s single site tests
 - Fermi, FZK, SARA
- Monday 11th - ...
 - 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 13th – 15th at CERN
- Taipei SC Meeting
 - 26th 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
- ...