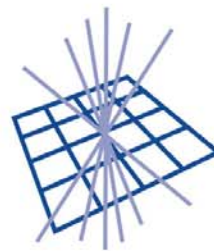


SC4 Plans

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GridPP

UK Computing for Particle Physics

CMS Plans

- CMS objective for july-august was to produce $50 \cdot 10^6$ events. This has slipped of one month
- Current activities are
 - Setting up the end user analysis chain
 - JobRobot/CRAB pair:
<https://uimon.cern.ch/twiki/bin/view/CMS/JobRobot>
 - What does it do: Analyses a set of digis downloaded to the site via Phedex.
 - What does it test: Phedex fonctionnality and the JobRobot software
 - What it require on the site: CMSSW to be installed and an xml catalog to be configured for your srm
 - Testing/Building the monte carlo production system.
 - What does it do: It runs the full simulation chain up to digis/dst ?
 - What it requires on the site: CMSSW to be installed and an xml catalog to be configured fro your srm

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CMS, which sites are is involved in London

- Imperial

- Contacts: D.Colling, S. Wakefield, M. Aggarwal, O. van der Aa
- CMSSW081 installed manually
 - Required libGLU and libcurl.
 - Installed apt-get in the experimental area
- JobRobot and MCProduction could run but
 - Problems with our srmcp.
 - srmcp (1.6.7-4) not creating correctly the .srmconfig directory
 - Now solved. But having lcg-cp errors that caused use to be out of the bdii.

- Brunel

- D. Rand, R. Lopes,
- CMSSW081 installed via a job.
- Waiting to have data there for the JobRobot to run.

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CMS, which sites are is involved in London

- QMUL

- O. van der Aa, G. Mazza

- CMSSW081 installed manually

- MC production not working because of stage out problems.

- Srmcp using the java in the path even if JAVA_HOME is defined.
The one in the path is a placeholder for the real java
- Changed the env file.

CMS, How to get started

- Being added as a Phedex Site
 - We are using one instance of phedex based at Imperial
- Install the CMSSW081
 - I can do it. But it is better if the sgm can do it if you have time to help by installing missing rpm that the sgm cannot install
- Create an xml catalog
 - Fairly simple, we have examples
- Remove the default rfio library and replace it with one that works with dpm.
 - I have done it at QMUL. Can circulate a mail how to do.

Further CMS plans

- Transfer tests with RAL castor
 - Objective is to see if castor can be used in september or if they will use dCache.
 - Monday 14th August: First Glasgow (DPM) then Edinburgh (DPM) depending on progress
 - Tuesday 15th:Imperial College (dCache)
 - Wednesday 16th: Bristol (DPM) (subject to Winnie and Yves being available)
 - Thursday 17th: No new sites Friday 18th: Depending on progress possibly test to Estonia
 - Jamie Ferguson will coordinate the tests and Greig Cowan will help the sysadmins.

Atlas Plans

- I personally don't know about their plans
 - Anybody has input ?
- What I know is that
 - Lancaster will redo T1-T2 transfers (Catalin/Brian) and when what needs to be done is understood then it will be done in the other T2 sites. Will be announced.

Future Transfer Tests

- The tests done in Jan/Feb will be redone by end of Sept.
 - http://www.gridpp.ac.uk/wiki/Service_Challenge_Transfer_Tests
 - Objective: Understand where the problems are and solve them.
 - It seems to me we already know where the problems are for London.
 - QMUL stability with DPM/poolfs
 - Need to recompile poolfs with the round robin feature
 - Brunel network. Will be at 1Gb by end of Sept. In the mean time we can remove all nfs mounts
 - RHUL: There will be a 1Gb connection but I don't know the date.
 - UCL-HEP: Need to put in place the new 1Gb switches.
 - Jamie Fergusson will coordinate
 - Will have 3 reference sites (Edinburg for ScotGrid/NorthGrid, Birmingham/RALPP for SouthGrid/London)
 - Graeme and Jamie will come up with a read/write bandwidth milestone that scales with the number of cpu you have.

Yo
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Service Challenge Transfer Tests - GridPPwiki - Mozilla Firefox

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http://www.gridpp.ac.uk/wiki/Service_Challenge_Transfer_Tests

Software Divers Mailin Lists GridPP IC Admin transport News Agendas LT2 LT2W LCG Site Test CIC Grid Load TinyURL!

GIIS/GRIS Information BDII Palm, Inc. - Handhelds & S... Grid Load LT2 Technical Support Grou... http://agend...3220/minutes Service Challenge Tran...

		26: 1TB <- RAL@166Mb/s*				
London Tier2						
Brunel		25: 2GB <- GLA @ 32Mb/s		24: 92GB->RAL T1 @ 59Mb/s	8: 135GB <- GLA @ 57Mb/s	
IC-HEP	16: 250MB <- T1@84Mb/s*		20: 140GB -> RAL@190Mb/s* 22: <- RAL@80Mb/s*			
IC-LeSC					10 250GB->GLA@95.27Mbit/sec* 11 250GB<-GLA@156.16Mbit/sec*	
QMUL		16: 50GB test. 67Mb/s * 17: 10GB test. 64Mb/s * 17: 66GB test. ~80Mb/s *	14: 1TB -> RAL@172Mb/s* 15: 1TB <- RAL@118Mb/s*			
RHUL		19: 2GB <- GLA @35Mb/s (Wed day)* 19: 53GB <- GLA @49Mb/s (Wed night)* 20: 200 GB <- GLA @59Mb/s (Fri night)*			16: 128GB<-Gla @35Mb/s 18: 250GB->Gla @58Mb/s 19: 250GB<-Gla	
UCL-HEP			21: 421GB<-RAL T1@71Mb/s* 25: 421GB->RAL T1@63Mb/s*			
UCL-CENTRAL					26 (not office hours): 250GB<-GLA@90Mb/s* 27 (not office hours): 250GB->GLA@309Mb/s*	06/06 (office hours): 8GB<-Edinburgh@266Mb/s*
SouthGrid						

Find: CopyLink Find Next Find Previous Highlight Match case

Done

August 11, 2006

talk title