

G. Bagliesi – K. Bloom
T2 Workshop
18/10/2007

T2 Workshop

- T2 Role
- T2 Commissioning
- Naming convention
- Storage Solutions
- Next Workshop

T2 functions and requirements

- **MonteCarlo production**
 - ❑ CMS software (CMSSW)
 - ❑ Working SE (SRM enabled)
 - ❑ Working Uplinks
 - ❑ ProdAgent + GRID environment (dedicated queues/resources)
 - **Data analysis**
 - ❑ CMS software (CMSSW)
 - ❑ Working SE (SRM enabled), User specific storage
 - ❑ Working Downlinks
 - ❑ GRID environment (group/role priorities may be needed)
 - **CMS specific installations:**
 - ❑ PhEDEx, Frontier, SITECONF, CMSSW...
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CMS T2 “quality flag”

- We think that a kind of “quality flag” should be defined for CMS T2
 - the scope is to help T2 to be efficient and effective

 - something similar to DDT link matrix
 - improve quickly sites reliability
 - identify problems and take actions

 - See Stefano's talk and following discussion
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Names are important!

- At the moment site names are very different depending on the site and on the context
 - Example from Ken (Nebraska T2):
 - T2_Nebraska_Buffer [PhEDEx]
 - nebraska [SAM plots]
 - red.unl.edu [SAM status] pages]
 - Nebraska (Lincoln, USA) [dashboard]
 - Of course the same is true for any T2...
 - See Ken's talk today
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Storage solutions

- Many sites will increase soon the quantity of installed storage
 - Can we give some general advice?
 - Which solutions have been adopted by sites up to know
 - A survey is going on:
 - <https://twiki.cern.ch/twiki/bin/view/CMS/Tier2Storage>
 - Two talks will try to cover this item today
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What next

- We plan to do a T2 Workshop during each software/computing week
 - Next workshop should focus more on technical issues
 - Please write to the HN for general questions:
hn-cms-t2@cern.ch
 - Or contacts us if you need more specific help
 - Giuseppe.Bagliesi@cern.ch; kenbloom@unl.edu
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