

## Mount, Richard P.

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**From:** usatlas-rac-l-bounces@lists.bnl.gov on behalf of Kaushik De [kaushik@uta.edu]  
**Sent:** Thursday, April 29, 2010 10:56 AM  
**To:** usatlas-rac-l@lists.bnl.gov  
**Subject:** Re: [Usatlas-rac-l] MC 7TeV : ESD distribution between ATLAS Tier-2s (fwd)

Given the volume of expected data, I would like to propose the following sharing for the US Tier 2's:

MC ESD

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|                 |     |
|-----------------|-----|
| MWT2_UC_MCDISK  | 35% |
| AGLT2_MCDISK    | 35% |
| SLACXRD_MCDISK  | 15% |
| SWT2_CPB_MCDISK | 15% |
| NET2_MCDISK     | 0%  |

Note: this is a reduction in number of US T2 copies from 3 to 1. But 3 was hypothetical anyway. I personally made 3 copies manually in the past - but it was never subscribed automatically. Anyway, we are going to be stretched to provide enough space for even 1 copy, given the volume of data anticipated by Alexei below! We will have to do some cleaning quickly (which is already started).

Please comment quickly. I need to send the final decision to ADC (i.e Alexei) soon.

Kaushik

----- Forwarded message -----

Date: Thu, 29 Apr 2010 19:15:48 +0200  
From: Alexei Klimentov <alexei@mail.cern.ch>  
To: Kaushik De <kaushik@uta.edu>  
Cc: Roger Jones <Roger.Jones@cern.ch>, Hurng-Chun Lee <Hurng-Chun.Lee@cern.ch>, Andrei Minaenko <Andrei.Minaenko@cern.ch>, Reda Tafirout <tafirout@triumf.ca>, Bryan Caron <Bryan.Caron@cern.ch>, Guenter Duceck <guenter.duceck@physik.uni-muenchen.de>, Cedric Serfon <cedric.serfon@physik.uni-muenchen.de>, Gianpaolo Carlino <gianpaolo.carlino@cern.ch>, "Ernst, Michael" <mernst@bnl.gov>, Torre Wenaus <wenaus@gmail.com>, Xavier Espinal Curull <espinal@pic.es>, Alexander Lincoln Read <a.l.read@fys.uio.no>, Eric Lancon <Eric.Lancon@cern.ch>, Johann Georg Von Der Schmitt <Hans.von.der.Schmitt@cern.ch>, Kors Bos <kors.bos@cern.ch>, Jim Shank <shank@bu.edu>, Stephane Jezequel <Stephane.Jezequel@cern.ch>, Graeme Andrew Stewart <graeme.a.stewart@gmail.com>, Massimo Lamanna <Massimo.Lamanna@cern.ch>, Simone Campana <Simone.Campana@cern.ch>  
Subject: Re: MC 7TeV : ESD distribution between ATLAS Tier-2s

my rough estimation of mc09\_7TeV\*ESD\*tid\* ~780 TB On Thu, 29 Apr 2010, Kaushik De wrote:

> Hi Alexei,  
> Do you have an estimate of the data volume? Cheers,

Kaushik

>  
>  
> On Thu, 29 Apr 2010, Alexei Klimentov wrote:

>  
> > Dear All,

> >  
> > CREM2 discussed MC ESD datasets replication policy.

> >  
> > It is decided that MC ESD datasets should be available on Tier-2s.

> >  
> > Datasets produced within the cloud will be distributed to Tier-2s  
> > associated with the parent Tier-1 (One complete copy will be  
> > distributed between US Tier-2s). So in total it will be ~1.75 copies  
> > distributed between ATLAS Tier-2s.

> >  
> > The new policy will be applied to the datasets with project name  
> > 'mcXX\_7TeV', where XX >= 09 and only for recently reconstructed  
> > ESDs. The number of dataset copies can be reduced later when fresh  
> > MC ESD datasets will be available.

> >  
> > The official announcement will be done by CREM2 chair (Hans). I  
> > need to know ESD shares for Tier-2s in your cloud.

> >  
> > I have numbers for UK cloud and I don't ask NDGF, because they  
> > have cloud specific data replication policy.

> > Alexei.

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Usatlas-rac-1 mailing list  
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<https://lists.bnl.gov/mailman/listinfo/usatlas-rac-1>