1.0.4 LIGO Applications

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WBS Charge under 1.0.4

ID	WBS	AMS	Name	In Charge	Start Date	End Date	% Done
42 (rollup)	1.0.4	No	LIGO Apps	Blackburn	10/1/10	9/30/11	16%
43 (rollup)	1.0.4.1	No	Production E@OSG	Engel	10/1/10	9/30/11	0% (??)
44	1.0.4.1.1	No	E@OSG via GlideinWMS	Engel	1/17/11	4/15/11	0%
45	1.0.4.1.2	No	Operational E@OSG	Engel	10/1/10	9/30/11	33%
46 (rollup)	1.0.4.2	No	Production Binary Inspiral	Dauldert, Engel	10/1/10	9/30/11	33%
47	1.0.4.2.1	No	BI Data Movement	Daudert, Engel, Levshina	10/1/10	11/1/10	100%
48	1.0.4.2.2	No	Pegasus / CorralWMS	Daudert, Engel, Rynge	10/1/10	1/15/11	100%
49	1.0.4.2.3	No	Demonstrate Site Scaling	Daudert, Engel, Rynge	2/1/11	6/30/11	0%
50	1.0.4.2..4	No	Operate BI in Production	Daudert, Engel	6/1/11	9/30/11	0%

Address the Specifics of WBS

- What is running significantly late and thus needs attention

- What WBS items have been completed

- What WBS items need to be added/removed and why

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- This is the over all role up
    - 16% seems to be an error in the table
    - 0% for 1.0.4.1 Production E@OSG is also a rollup and seems to be in error in the table
    - From my perspective most things are looking good
    - No changes to WBS are needed IMHO

What is running significantly late and thus needs attention?

- 1.0.4.1.1 Evaluation and adopt glideinWMS, if applicable has not started
    - Robert's time has been distracted by Documentation Duties and he has reported difficulties getting the support he needs in this area.
    - This WBS may not bring much to the end-product concerning E@OSG and might be viewed as a low priority, given that E@OSG is running in production so well as is
    - Would be nice to standardize to a common glidein technology if time permits

- 1.0.4.2.3 Demostrate scalable sustained production over multiple sites
    - This is just starting, but good results for a few sites
    - Unlikely to see much scale growth do to the limitations for supporting the vast array of storage technologies on the OSG by Pegasus and CorralWMS

What WBS items have been completed?

- 1.0.4.2.1 Develop and deploy data movement plan (moving, validation, cataloging)
  - This is complete
  - Some activities continue as sites are identified with configuration issues and new versions of software stack are released and tested

- 1.0.4.2.2 Develop and deploy execution environment using Pegasus and CorralWMS
  - This is complete
  - Only supports two types of Storage
    - $OSG_DATA & BestMan SE file systems shared on WN
    - Pegasus team plans to support second level staging to support other SE technologies, but may not come this year

What WBS items need to be added/ removed and why?

- As mentioned, the startup for evaluation of glideinWMS as a technology for E@OSG has been "distracted"
  - Not likely to make an impact in production given how will current home-grown solution is working
  - Time constraints may justify reconsidering carrying this WBS item at some point down the road

The End

- QUESTIONS??