



May 18th 2011 – OSG Area Coordinators Meeting
Jason Zurawski, Internet2 Research Liaison

Internet2 Update

WBS Status – Updated May 16th

351	2.4	No	Internet2	Boote, Zurawski	10/1/10	9/30/11	50%
352	2.4.1	No	LHC Support Activities	Boote, Zurawski	10/1/10	9/30/11	55%
353	2.4.1.1	No	Supply perfSONAR Performance Toolkit ISO image	Boote, Zurawski	10/1/10	9/30/11	75%
354	2.4.1.2	No	Assist in deployment and configuration of Toolkit based servers	Boote, Zurawski	10/1/10	9/30/11	50%
355	2.4.1.3	No	Supply perfSONAR Packages for regular testing and archiving services	Boote, Zurawski	10/1/10	9/30/11	75%
356	2.4.1.4	No	Assist in deployment and configuration of regular testing and archive services	Boote, Zurawski	10/1/10	9/30/11	50%
357	2.4.1.5	No	Maintain centralized perfSONAR infrastructure and services	Boote, Zurawski	10/1/10	9/30/11	75%
358	2.4.2	No	Provide operational training and support	Boote, Zurawski	10/1/10	9/30/11	50%
359	2.4.2.1	No	Provide hands-on training to OSG site-admins at scheduled workshops	Boote, Zurawski	10/1/10	9/30/11	50%
360	2.4.2.2	No	Develop on-line training guide - How to monitor a site	Boote, Zurawski	5/2/11	8/1/11	75%
361	2.4.2.3	No	Develop on-line training guide - How to debug performance problems	Boote, Zurawski	5/2/11	8/1/11	60%
362	2.4.3	No	Tool integration	Boote, Zurawski	10/1/10	9/30/11	41%
363	2.4.3.1	No	Supply code updates for client tools	Boote, Zurawski	10/1/10	9/30/11	33%
364	2.4.3.2	No	Assist in the wide-spread deployment of perfSONAR tools and services	Boote, Zurawski	10/1/10	9/30/11	50%
365	2.4.3.3	No	Supply code updates for data transfer applications to provide performance statistics	Boote, Zurawski	6/1/11	9/1/11	33%

WBS Focus Areas

- LHC Support
 - pS Performance Toolkit Development/Support
 - Packaged Performance Tools Development/Support
- Operational Training and Support
 - Hands On Workshops
 - Documentation
- Tool Integration
 - Development
 - Deployment

Running Significantly Late/Needs Attention

- Tool integration – 2 subtasks in particular
 - “Supply code updates for client tools”
 - Part of the problem is that this is a vague request that was carried over from prior Internet2 staff in this role
 - Is this related to VDT? If so we can do this, just need to know who we should work with.
 - In general we release all code as source and RPM – including in VDT is not an issue but its not a part of our release process.
 - “Supply code updates for data transfer applications to provide performance statistics”.
 - More on this one in the “Remove/Add” section



Completed/Near Completion

- LHC Support
 - Next expected software release (e.g. pSPT and Packages) is Late July 2011
 - Development/Documentation is near completion
 - Release process expected to start June 2011
 - Deployment will follow (Mid to Late July 2011)
 - USATLAS expected to upgrade all T2s (2 week rollover)
 - USATLAS T3s will slowly adopt packages (ongoing effort)
 - In talks w/ USCMS to institute similar T2 monitoring plan. Still lots of things to discuss/open questions regarding operations.
 - Not expecting any serious delays with this, minor slip on dates could be possible.
 - Current generation of pSPT and Packages are up to date w/ regards to security – just not new features

Completed/Near Completion

- Operational Training and Support
 - Awaiting notice of next Site Admin Workshop
 - Materials have been converted to be completely mobile
 - Lectures in downloadable formats
 - Exercises on a remote testbed
 - Workshop length is variable (4 hrs, to as much as 1.5 days)
 - Previous and planned workshops this year:
 - Winter Joint Techs (Feb 2011 – Clemson SC)
 - OSG All Hand [Ask Experts] (March 2011 – Boston MA)
 - KanREN (April 2011 – Lawrence KS)
 - Spring Member Meeting (April 2011 – Washington DC)
 - NREN/OSHEAN (May 2011 – Boston MA)
 - IM2011 (May 2011 – Dublin Ireland)
 - Summer Joint Techs (July 2011 – Fairbanks AK)
 - Fall Member Meeting (Oct 2011 – Raleigh NC)

Added/Removed & Why

- “Supply code updates for data transfer applications to provide performance statistics ”
 - This was a vague item and related to some work by perfSONAR contributors to instrument GridFTP
 - Contributors funding/resources (e.g. students) disappeared, so this project has stalled
 - Would prefer to alter this instead of removing, there is other relevant work being done outside of the WBS right now that would be a clean exchange

Added/Removed & Why

- Preferred item:
 - Creation of perfSONAR probes for NAGIOS and RSV/Gratia
 - Why?
 - Integrates perfSONAR monitoring from sites (e.g. LHC now, other VOs in time) to get a feel of site health/availability
 - Integrates with BNL effort to develop a “Dashboard” application – GUI status and alarms based on pre-defined metric guidelines
 - Support from other OSG Areas:
 - Previous discussions w/ D. Fraser/S. Kronefeld/R. Quick/P. Canal about this. Have stalled since March, but should re-kindle
 - Goal would be for pSPS developers to create probes for RSV (in progress)
 - Need guidance from RSV/Gratia team now how these would be integrated (packaging, but also other issues including backend storage – we have no knowledge of this factors and require development support).

Other Areas of Interest

- Lots of activity at Internet2 w/ regards to support of Science. Too much to go into a lot of detail, but FYI:
 - NDD/OS³E
 - <http://www.internet2.edu/nddi>
 - LHCONE (Meeting held last week in Washington DC)
 - <http://www.internet2.edu/science/LHCONE.html>
 - <http://lhcone.net>
 - LHCOPN being hosted by Internet2 next month
 - <http://indico.cern.ch/conferenceDisplay.py?confId=131550>
 - DYNES – Deployments starting this summer
 - <http://www.internet2.edu/dynes>



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For more information, visit <http://www.internet2.edu/nddi>