

















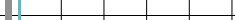








WBS	Name	2006					2007											
		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	
1.1.4.1.8.1	Develop and deploy SRM-tester for v2.2																	
1.1.4.1.8.2	Establish & maintain SE monitoring web site for OSG Ses																	
1.1.4.1.8.3	Establish SRM test procedure for OSG 0.8.0																	
1.1.4.1.8.4	Establish web-based SRM testing capabilities for SE monitoring																	
1.1.4.2	OSG																	
1.1.4.2.1	<i>Provide Security Plan</i>																	
1.1.4.2.2	<i>Package, document and release software</i>																	
1.1.4.2.3	<i>Release OSG 0.6.0</i>																	
1.1.4.2.4	<i>Release OSG 0.8.0</i>																	
1.1.4.3	Support for TeraGrid																	
1.1.4.3.1	<i>Develop common software layers between TeraGrid, VDT and OSG</i>																	
1.1.4.3.2	<i>OSG-TeraGrid software built on common NMI release</i>																	
1.1.4.4	Support EGEE																	
1.1.5	<i>Engagement</i>																	
1.1.5.1	Develop metrics for new community engagement																	
1.1.5.2	Interface and integrate new science domains to use OSG																	
1.1.5.2.1	<i>Develop integration of first additional science domain to use OSG</i>																	
1.1.5.2.2	<i>Develop integration of 2nd additional science domain to use OSG</i>																	
1.1.5.2.3	<i>Document mechanisms for new sciences to use OSG</i>																	
1.1.5.2.4	<i>Production use of OSG by one additional science community</i>																	
1.1.5.3	Develop Campus Grid interoperation with OSG																	
1.1.5.3.1	<i>Ready mechanisms to interface Condor-based local pools to OSG infrastructure</i>																	
1.1.5.3.2	<i>Ready general mechanism to interface to Campus grids</i>																	
1.1.5.3.3	<i>Deploy running of GLOW jobs into production</i>																	
1.1.5.3.4	<i>Deploy running of GROW jobs into production</i>																	
1.1.5.3.5	<i>Deploy running of Crimson Grid jobs into production</i>																	
1.1.5.3.6	<i>Interface to LIGO Data Grid</i>																	
1.2	Education, Training and Outreach																	
1.2.1	<i>Training and Education</i>																	
1.2.1.1	Document template for in-person training																	
1.2.1.2	Enhance student/teacher questionnaires																	
1.2.1.3	Prepare and run annual Grid summer school																	
1.2.1.4	Document training materials																	
1.2.2	<i>Outreach to Students</i>																	
		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	

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		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	
1.2.2.1	Support I2U2 VO																	
1.2.2.2	Develop courseware																	
1.2.2.3	Create template for student-support funding applications																	
1.2.3	<i>Outreach to Underrepresented Communities</i>																	
1.2.4	<i>International Outreach</i>																	
1.2.4.1	Operational OSG site in South Africa																	
1.2.4.2	Support for collaboration with HEP-Brazil Regional Grid																	
1.3	Science Applications and Extensions																	
1.3.1	<i>Liaise with Users</i>																	
1.3.1.1	Support Users of OSG																	
1.3.1.2	Run Users Group																	
1.3.1.2.1	<i>Gather User satisfaction surveys</i>																	
1.3.1.2.2	<i>Gather Quarterly Science Benefit reports</i>																	
1.3.1.2.3	<i>Gather User requirements for OSG 0.6.0</i>																	
1.3.1.2.4	<i>Gather User requirements for OSG 0.8.0</i>																	
1.3.1.3	Analyze Facility/VOs to identify & specify problems																	
1.3.1.3.1	<i>Assemble and interpret usage reports</i>																	
1.3.1.3.2	<i>Gather and address user feedbacks</i>																	
1.3.1.3.3	<i>Interpret logging and bookkeeping information</i>																	
1.3.1.3.4	<i>Design troubleshooting checklist and roadmap</i>																	
1.3.2	<i>Extensions</i>																	
1.3.2.1	Support Application Integration:																	
1.3.2.1.1	<i>LIGO: Binary Inspiral Analysis runs on OSG</i>																	
1.3.2.1.2	<i>ATLAS: Support for WLCG and Experiment Challenges</i>																	
1.3.2.1.3	<i>CMS Support for WLCG and Experiment Challenges</i>																	
1.3.2.1.4	<i>Support for ATLAS and CMS data taking</i>																	
1.3.2.1.5	<i>STAR: Migration of &gt;80% of simulation to OSG</i>																	
1.3.2.1.6	<i>CDF: Full use of OSG for MC</i>																	
1.3.2.1.7	<i>D0: Full use of OSG sites for reprocessing and MC</i>																	
1.3.2.1.8	<i>SDSS: Fit all spectra beyond data release 5, QSO fitting project</i>																	
1.3.2.2	Establish performance baselines																	
1.3.2.2.1	<i>Document performance baseline of condor-g</i>																	
1.3.2.2.2	<i>Document performance baseline for glide-in and gcb</i>																	
1.3.2.2.3	<i>Document performance baseline of WS-GRAM based CE</i>																	
1.3.2.2.4	<i>Document performance baseline of Condor-C based CE</i>																	
		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	

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		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	
1.3.2.2.5	Document performance baseline of SRM V2 based storage element		UCSD,		FNAL,	BNL												
1.3.2.2.6	Document performance baseline of VDS/Pegasus		UCSD,		FNAL,	BNL												
1.3.2.2.7	Document performance baseline of Edge Service Framework		UCSD,		BNL													
1.3.2.3	Data Storage Access and Management																	
1.3.2.3.1	Bring role based authorization for Storage into production for CMS		UCSD,		FNAL													
1.3.2.3.2	Ready dCache Storage Element based on SRM V2 to VDT		FNAL,		LBNL													
1.3.2.3.3	Ready DRM Storage Element based on SRM V2 to VDT		FNAL,		LBNL													
1.3.2.3.4	Ready dCache for deployment for OSG VO		FNAL,		BNL													
1.3.2.4	VO Specific Services Management and Use																	
1.3.2.4.1	Ready Edge Services for deployment		UCSD,		BNL													
1.3.2.4.2	Support deployment of Edge Services for ATLAS		UCSD,		BNL													
1.3.2.4.3	Support deployment of Edge Services for CMS		UCSD,		BNL													
1.3.2.5	Advanced Workload and Workflow Management																	
1.3.2.5.1	Condor-C provisioned as part of the OSG infrastructure																	
1.3.2.5.2	Integrate and Support Workflow management for LIGO		Caltech															
1.3.2.5.3	Integrate just in time workload management		UCSD,		FNAL,	BNL												
1.3.2.5.4	Support deployment of just in time workload management for ATLAS		BNL															
1.3.2.5.5	Support deployment of just in time workload management for CMS		UCSD															
1.3.2.5.6	Support deployment of WSGram Auditing on OSG		UCSD,		FNAL													
1.3.2.6	Security Enhancements																	
1.3.2.6.1	Ready auditing System V0 for deployment		FNAL															
1.3.2.7	Advanced Networks Integration																	
1.3.2.7.1	Provision OSG sites with LambdaStation V1		Caltech,		FNAL													
1.3.3	Collaborate with External Projects																	
1.3.3.1	Security technology development																	
1.3.3.1.1	Provide requirements to Open Science Security CET																	
1.3.3.2	Integrate deliverables from other external projects for OSG																	
1.4	Administration & Communication																	
1.4.1	Maintain OSG Project Plan																	
1.4.1.1	Baseline OSG First Year Plan																	
1.4.1.2	Document Change Control		FNAL															
1.4.1.3	Write OSG Second Year Plan																	
1.4.2	Provide OSG communications																	
1.4.2.1	Provide content for OSG Web portal		FNAL															
		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	

WBS	Name	2006					2007											
		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	
1.4.2.2	Review contents of OSG documentation		FNAL															
1.4.2.3	Write news briefs																	
1.4.3	<i>Write Reports</i>																	
1.4.3.1	Write Quarterly Financial Reports		Caltech, Florida															
1.4.3.2	Write and track Statements of Work		Wisc, Florida, Executive Director															
1.4.3.3	Provide Monthly Reports																	
1.4.3.4	Provide OSG News																	
1.4.4	<i>Meetings Support</i>																	
1.4.4.1	Hold Executive Board Meetings																	
1.4.4.2	Hold Resources Board Meetings																	
1.4.4.3	Organize and run semi-annual consortium meetings																	
1.4.4.4	Organize and run annual users meeting																	
1.4.5	<i>Reviews</i>																	
1.4.5.1	Internal Review		J															
1.4.5.2	External Review		M															
		A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	