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WBS	Name	Α	S	0	N	D	J	F	М	Α	М	J	J	А	s	0	N
1	Open Science Grid Yr 1																
1.1	OSG Facility																
1.1.1	Operations	П															
1.1.1.1	GOC - Front Line Support Services																
1.1.1.1.1	Act as OSG agent for Identity service																
1.1.1.1.1.1	Accept & process 15 identity services																
1.1.1.1.2	Document OSG identity services																
1.1.1.1.2	Weekly operations meeting coordination	П													In	diana	
1.1.1.3	Security Incident Response Plan - Implementation, Monitor and Respond (24x7) security@osg account,														In	diana	i, W
1.1.1.1.4	Monitor and Respond (8-5) osg account accounts, create tickets, perform call center activites														In	diana	
1.1.1.1.5	Publish Daily Site Status report and peridic reports					 									In	diana	
1.1.1.1.6	Demonstrate capacity to handle 50 tickets a week	\parallel						In	diana								
1.1.1.1.7	Improve Ticket Handling System	Н								-							
1.1.1.7.1	Coordinate Footprints updates with GRNOC																
1.1.1.7.2	Conduct customer satisfaction survey																
1.1.1.7.3	Document & deploy the improved process																
1.1.1.7.4	Add interfaces to ticket handling system for new Support Centers																
1.1.1.7.4.1	Interoperability with EGEE ticket handling system achieved		7	In	diana	a											
1.1.1.7.4.2	Interoperability with TeraGrid ticket handling system achieved				In	diana											
1.1.1.2	Operate OSG Support Center																
1.1.1.2.1	Solve OSG support center tickets														In	diana	
1.1.1.2.2	Publish quarterly facility reports	П													In	diana	
1.1.1.2.3	Accounting reports available for users and resource owners														In	diana	
1.1.1.2.4	Coordinate Support Center bi-weekly meeting	П													In	diana	
1.1.1.2.5	Publish Performance metrics														W	isc	
1.1.1.2.6	GOC Machine Service and Maintainance													-			
1.1.1.2.6.1	GOC Risk Analysis Report	Н		lr	dian	a											
1.1.1.2.6.2	Deployment and Maintenance of OSG Released	Н	-														
1.1.1.3	Support to OSG VO users	П													India	na	
1.1.1.4	Coordination of Integration Testbed	П															
1.1.1.4.1	OSG release candidate 0.5.x integration for ITB																
1.1.1.4.1.1	System tests and validation for new services and VOs	\parallel		H					С	hicag	0						
1.1.1.4.1.2	Provide Facility Documentation	П															
1.1.1.4.1.3	Document the production infrastructure	П		▲ C	hicag	90, I	BNL										
1.1.1.4.1.4	Write administration configuration and frequently asked questions guide for Site Administrators			▲ LE	NL												
		\vdash	-	+-	_	+	+	-	-	-	_	-	-	-	-		

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1.1.1.4.2	Complete Integration of OSG 0.6.0																
1.1.1.4.3	OSG release candidate 0.7.x integration for ITB	\top							-								
1.1.1.4.3.1	System tests and validation for new services and Vos	+								1					Chic	ago	
1.1.1.4.3.2	Provide Facility Documentation																
1.1.1.4.3.3	Document the production infrastructure									▲C	hicaç	jo, l	BNL				
1.1.1.4.3.4	Write administration configuration and frequently asked questions guide for Site Administrators									▲ LE	NL						
1.1.1.4.4	Complete Integration of OSG 0.8.0																
1.1.2	Security																
1.1.2.1	Document Security Incident Response Plan																
1.1.2.2	Maintain operational security	+															
1.1.2.3	Run an Incident Response Process			\parallel													
1.1.2.4	Write Security Policies																
1.1.2.5	Develop and Execute Security Training																
1.1.2.6	Security Auditing	+															
1.1.3	Troubleshooting	\top	-														
1.1.3.1	Troubleshoot end-to-end problems																
1.1.3.1.1	Implement & test solutions to problems	+													W	isc,	Chi
1.1.3.1.2	Test & deploy troubleshooting utilities		io	wa													
1.1.4	Software Release and Support																
1.1.4.1	VDT																
1.1.4.1.1	Provide VDT Security Plan																
1.1.4.1.2	VDT 1.4.0 in support of OSG 0.6.0	П				7											
1.1.4.1.2.1	Collect requirements	+															
1.1.4.1.2.2	Upgrade existing software	+	+	\Box	\dagger												
1.1.4.1.2.3	Add aditional software																
1.1.4.1.2.4	Add support for new platform																
1.1.4.1.2.5	Release VDT 1.3.12	\top															
1.1.4.1.2.6	Release VDT 1.4.0				Ħ												
1.1.4.1.3	VDT 1.4.x in support of OSG 0.8.0				Н	-											
1.1.4.1.3.1	Collect requirements, upgrade SW & add additional SW	+	-		Н												
1.1.4.1.3.2	Add support for new platforms	+	-		Н												
1.1.4.1.3.3	Release VDT 1.4.x				Н												
1.1.4.1.4	Continual VDT support for OSG users	+								1							
1.1.4.1.5	Continual VDT support for EGEE	+															
1.1.4.1.6	Continual VDT support for Teragrid	$\dagger \dagger$			 												
1.1.4.1.7	Continual VDT support for webpages	+							<u> </u>								
1.1.4.1.8	SRM Tester	+			H												
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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	П																
1.1.4.1.8.4	Establish web-based SRM testing capabilities for SE monitoring																	
1.1.4.2	OSG	Ш			Ţ													
1.1.4.2.1	Provide Security Plan	Ш			١,													
1.1.4.2.2	Package, document and release software					,	Wisc	c, L	BNL,	FN	IAL,	Ind	liana					
1.1.4.2.3	Release OSG 0.6.0																	
1.1.4.2.4	Release OSG 0.8.0										(\						
1.1.4.3	Support for TeraGrid	П			T													
1.1.4.3.1	Develop common software layers between TeraGrid, VDT and OSG		F	NAL	, V	Visc	;											
1.1.4.3.2	OSG-TeraGrid software built on common NMI release	П									>							
1.1.4.4	Support EGEE		F	NAL		Visc	;											
1.1.5	Engagement	П			1													
1.1.5.1	Develop metrics for new community engagement		F	RENC	;													
1.1.5.2	Interface and integrate new science domains to use OSG	П			T	Ť							•					
1.1.5.2.1	Develop integration of first additional science domain to use OSG	_	F	RENC	;I													
1.1.5.2.2	Develop integration of 2nd additional science domain to use OSG	_	V	Visc,	R	EN	CI											
1.1.5.2.3	Document mechanisms for new sciences to use OSG		F	RENC	:1													
1.1.5.2.4	Production use of OSG by one additional science community	П										(
1.1.5.3	Develop Campus Grid interoperation with OSG																	
1.1.5.3.1	Ready mechanisms to interface Condor-based local pools to OSG infrastructure		v	Visc														
1.1.5.3.2	Ready general mechanism to interface to Campus grids	Н												1				
1.1.5.3.3	Deploy running of GLOW jobs into production	П	•															
1.1.5.3.4	Deploy running of GROW jobs into production						_	>										
1.1.5.3.5	Deploy running of Crimson Grid jobs into production	П											•					
1.1.5.3.6	Interface to LIGO Data Grid	\vdash				+												
1.2	Education, Training and Outreach	П				\dagger												
1.2.1	Training and Education	П				\dagger												
1.2.1.1	Document template for in-person training		F	lorid	а													
1.2.1.2	Enhance student/teacher questionnaires		F	lorid	а	+												
1.2.1.3	Prepare and run annual Grid summer school		c	hica	go,	FI	orida	a										
1.2.1.4	Document training materials		,	Chica	go	\dagger												
1.2.2	Outreach to Students	Н			1	\dagger												
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1.2.2.1	Support I2U2 VO			Chicaç	90																
1.2.2.2	Develop courseware			Chicaç	90																
1.2.2.3	Create template for student-support funding applications			Florida	1																
1.2.3	Outreach to Underrepresented Communities			Chicaç	90																
1.2.4	International Outreach																				
1.2.4.1	Operational OSG site in South Africa			Colum	bia																
1.2.4.2	Support for collaboration with HEP-Brazil Regional Grid			Caltec	h, F	lorid	a														
1.3	Science Applications and Extensions	П	-											-							
1.3.1	Liaise with Users	П	-																		
1.3.1.1	Support Users of OSG	П																			
1.3.1.2	Run Users Group	П	-							-											
1.3.1.2.1	Gather User satisfaction surveys	П	Т																		
1.3.1.2.2	Gather Quarterly Science Benefit reports	П																			
1.3.1.2.3	Gather User requirements for OSG 0.6.0																				
1.3.1.2.4	Gather User requirements for OSG 0.8.0																				
1.3.1.3	Analyze Facility/VOs to identify & specify problems																				
1.3.1.3.1	Assemble and interpret usage reports	П	T																		
1.3.1.3.2	Gather and address user feedbacks	П	t																		
1.3.1.3.3	Interpret logging and bookkeeping information	П	T																		
1.3.1.3.4	Design troubleshooting checklist and roadmap	П	۲																		
1.3.2	Extensions	П	-																		
1.3.2.1	Support Application Integration:	П	-																		
1.3.2.1.1	LIGO: Binary Inspiral Analysis runs on OSG	П																			
1.3.2.1.2	ATLAS: Support for WLCG and Experiment Challenges	П																			
1.3.2.1.3	CMS Support for WLCG and Experiment Challenges																				
1.3.2.1.4	Support for ATLAS and CMS data taking	П	\parallel																		
1.3.2.1.5	STAR: Migration of >80% of simulation to OSG	П																			
1.3.2.1.6	CDF: Full use of OSG for MC	Н																			
1.3.2.1.7	D0: Full use of OSG sites for reprocessing and MC	Н						 													
1.3.2.1.8	SDSS: Fit all spectra beyond data release 5, QSO fitting project																				
1.3.2.2	Establish performance baselines	H	-																		
1.3.2.2.1	Document performance baseline of condor-g	Н	+		\																
1.3.2.2.2	Document performance baseline for glide-in and gcb	H	+				\														
1.3.2.2.3	Document performance baseline of WS-GRAM based	H	+		\																
1.3.2.2.4	CE Document performance baseline of Condor-C based CE			UCSD	, B1	NL															
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1.3.2.2.5	Document performance baseline of SRM V2 based storage element		,	JCSE), F	NAL	., BI	۱L												
1.3.2.2.6	Document performance baseline of VDS/Pegasus		ν (JCSE), F	NAL	., B1	۱L									_			
1.3.2.2.7	Document performance baseline of Edge Service Framework		ν,	JCSE), E	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		Ų	JCSE	, F	NAL														
1.3.2.3.2	Ready dCache Storage Element based on SRM V2 to VDT		F	NAL	LE	BNL														
1.3.2.3.3	Ready DRM Storage Element based on SRM V2 to VDT		F	NAL	LI	3NL														
1.3.2.3.4	Ready dCache for deployment for OSG VO		F	NAL	, в	NL														
1.3.2.4	VO Specific Services Management and Use																			
1.3.2.4.1	Ready Edge Services for deployment		Ų	JCSE), E	BNL														
1.3.2.4.2	Support deployment of Edge Services for ATLAS		ν (JCSE), E	BNL														
1.3.2.4.3	Support deployment of Edge Services for CMS		,	JCSE), E	BNL														
1.3.2.5	Advanced Workload and Workflow Management	Н	-				Ŧ													
1.3.2.5.1	Condor-C provisioned as part of the OSG infrastructure	Н	-							<	>									
1.3.2.5.2	Integrate and Support Workflow management for LIGO		• (Calte																
1.3.2.5.3	Integrate just in time workload management			JCSE		NAL	_, B1	NL												
1.3.2.5.4	Support deployment of just in time workload management for ATLAS		E	BNL																
1.3.2.5.5	Support deployment of just in time workload management for CMS		L	JCSD																
1.3.2.5.6	Support deployment of WSGram Auditing on OSG		ر	JCSE	, F	NAL														
1.3.2.6	Security Enhancements	П																		
1.3.2.6.1	Ready auditing System V0 for deployment		F	NAL																
1.3.2.7	Advanced Networks Integration	П																		
1.3.2.7.1	Provision OSG sites with LambdaStation V1		,	Calte	ch,	FNA	AL													
1.3.3	Collaborate with External Projects	П	-		H			+							-					
1.3.3.1	Security technology development	П	-				+	7												
1.3.3.1.1	Provide requirements to Open Science Security CET	П																		
1.3.3.2	Integrate deliverables from other external projects for OSG	Н																		
1.4	Administration & Communication	П	-	H	H		+	Ť									-	F		
1.4.1	Maintain OSG Project Plan	П		+	H		+	Ť									_			
1.4.1.1	Baseline OSG First Year Plan	П		T		\Diamond	\top	\dagger												
1.4.1.2	Document Change Control		F	NAL			+	\dagger												
1.4.1.3	Write OSG Second Year Plan	П	\top	T			\top	\dagger												
1.4.2	Provide OSG communications	H			H	+	+	+												
1.4.2.1	Provide content for OSG Web portal	H	F	NAL				\dagger												
		A	S	0	N	+		+	F	М	Α	М	J	J	Α	S	0	N		

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1.4.2.2	Review contents of OSG documentation		F	NAL													
1.4.2.3	Write news briefs																
1.4.3	Write Reports																
1.4.3.1	Write Quarterly Financial Reports		C	altec	h, i	-lorida	a										
1.4.3.2	Write and track Statements of Work		V	Visc,	Flo	orida,	Exec	utive	Dire	ctor							
1.4.3.3	Provide Monthly Reports																
1.4.3.4	Provide OSG News																
1.4.4	Meetings Support																
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					I											
1.4.5	Reviews																
1.4.5.1	Internal Review																
1.4.5.2	External Review																
		А	s	0	N	D	J	F	М	Α	М	J	J	Α	s	0	N