29-Ap	r-08		WL	_			leston	es - 200							
ID	Date	Milestone		ASGC	one (gree CC IN2P3	en) CERN	FZK GridKa	Late < 1 INFN CNAF	month (o	PIC	RAL	Late > SARA NIKHEF	1 month		FNAL
		24x7 Support													
WLCG- 07-01	Feb 2007	24x7 Support Definition Definition of the levels of support and rules to fo depending on the issue/alarm	llow,												
WLCG- 07-02	Apr 2007						Apr 2008	Apr 2008							
WLCG- 07-03	Jun 2007	24x7 Support in Operations The sites provides 24x7 support to users as star	ndard				Apr 2008	Apr 2008		Mar 2008	Mar 2008	Apr 2008			
		operations VOBoxes Support					2000	2000		2000	2000	2000			
WLCG-	Apr	VOBoxes SLA Defined		Mor	A					Mor					
07-04	2007	Sites propose and agree with the VO the level of support (upgrade, backup, restore, etc) of VOBoxes		Mar 2008	Apr 2008					Mar 2008					
WLCG- 07-05	May 2007	VOBoxes SLA Implemented VOBoxes service implemented at the site accord the SLA	ding to	Apr 2008	Apr 2008	Mar 2008			Mar 2008	Mar 2008		Apr 2008			
WLCG- 07-05b	Jul 2007	VOBoxes Support Accepted by the Experiments	ALICE	n/a						n/a			n/a	n/a	n/a
07-055	2007	VOBoxes support level agreed by the experiments	ATLAS CMS						n/a n/a	n/a		n/a	n/a	n/a	n/a
			LHCb	n/a					n/a				n/a	n/a	n/a
		VOMS Job Priorities VOMS Milestones below susp	hended	until th		S Worl	kina Gr	oun def	ines ne	w mile	stone	e			
NLCG-07	Jun	New VOMS YAIM Release and Documentation	Jenueu		GEE-SA			oup dei	ines ne	w mie	310110	э.			
06b	2007	VOMS release and deployment. Documentation on he configure VOMS for sites not using YAIM	ow to												
NLCG-07 06	Apr 2007	Job Priorities Available at Site Mapping of the Job priorities on the batch software of completed and information published	f the site												
NLCG-07 07	Jun 2007	Job Priorities of the VOs Implemented at Site Configuration and maintenance of the jobs priorities a defined by the VOs. Job Priorities in use by the VOs.	as		-						-				
		Accounting													
WLCG- 07-08	Mar 2007	Accounting Data published in the APEL Report The site is publishing the accounting data in API Monthly reports extracted from the APEL Report	EL.												
		MSS Main Storage Systems	,												
WLCG- 07-25	Jun 2007	CASTOR 2.1.3 in Production at CERN MSS system supporting SRM 2.2 deployed in production at the site		CERN Tier-0											
WLCG- 07-26	Nov 2007	SRM: CASTOR 2.1.6 Tested and Accepted by Experiments at all Sites From the SRM Roll-Out Plan (SRM-16 to -19)	/ the		ALICE n/a			ATLAS Nov 2007			CMS Nov 20		LHCb Nov 2007		7
WLCG- 07-27	Nov 2007	SRM: dCache 1.8 Tested and Accepted by th Experiments From the SRM Roll-Out Plan (SRM-16 to -19)	e	ALICE n/a		ATLAS Nov 2007			CMS Nov 2007			LHCb Nov 2007		7	
WLCG- 07-30b	May 2008	SRM Missing MoU Features Implemented With full features agreed in the HEP MoU (srmC etc).	Сору,	CASTOR		DCache			DPM						
		gLite CE					1						1		
WLCG-07- 35	Sept 2007	The gLite CE will not be deplo gLite CE Development Completed and Component R			e porti GEE - JR	-	he LCG	-CE is i	n progr	ess (2	1.9.200	07)			
NLCG-07 36	+4 weeks	gLite CE Certification and Installation on the PPS Sys	stems	E	GEE - PF	PS									
WLCG-	Oct	CAF CERN Analysis Facility Experiment provide the Test Setup for the C/	AF												
07-40	2007	Specification of the requirements and setup nee each Experiment			ALICE			ATLAS May 200	В	CMS May 2008			LHCb May 2008		
			WL	CG H	igh Le	vel Mi	leston	es - 200)8						
WLCG- 08-01	Mar	OSG SAM Tests OSG RSV Tier-2 ReliabilityTests in Place OSG tests equivalent to those in WLCG SAM		OSG-RSV											
WLCG- 08-02	Jun 2008	OSG Tier-2 Reliability Published OSG RSV information published in SAM and G databases. Reliability reports include OSG Tier-		OSG-RSV											
WLCG- 08-03	April	MSS/Tape Metrics Tape Efficiency Metrics Published Metrics are collected and published weekly													
00-03	2008	Metrics are collected and published weekly													

ID	Date	Milestone	A	SGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
		Tier-1 Procurement													
WLCG- 07-17	2008	MoU 2008 Pledges Installed To fulfill the agreement that all sites procure the pledged by April of every year		Apr 2008	Apr 2008	Apr 2008		CPU Apr 08 Disk May 08	CPU Apr 08 Disk Sep 08	CPU Apr 08 Disk Jun 08	March 2008	Nov 2008			
WLCG- 08-04	2008	Status of the MoU 2009 Pledges To fulfill the agreement that all sites procure the pledged by April of every year	ey MoU												
WLCG- 08-05	2009	MoU 2009 Pledges Installed To fulfill the agreement that all sites procure the pledged by April of every year	ey MoU												
		glexec/Pilot Jobs									1				1
WLCG- 08-04	May 2008	Glexec and Pilot Jobs Implemented at the T	ïer-1												
		Tier-1 Sites Reliability - June 2008													
WLCG- 08-06	Jun 2008	Tier-1 Sites Reliability above 95% Considering each Tier-0 and Tier-1 site	Jan 93% Feb 93% Mar 93%												
		-	Apr 93% May 93%												
WLCG- 08-07	2008	Average of Best 8 Sites above 97% Average of eight sites should reach a reliability 97%	June 95% above												
		SAM VO-Specific Tests													
WLCG- 08-08	Jun	VO-Specific SAM Tests in Place With results included every month in the Site A Reports.	vailability		ALICE			ATLAS		CMS					
		Tier-2 Federations Mllestones													
WLCG- 08-09	2008	Weighted Average Reliability of the Tier-2 Federation above 95% Average of each Tier-2 Federation weighted accordinging to the sites pledges		See separated table of Tier-2 Federations.											
WLCG- 08-10	2008	Installed Capacity above 2008 Pledges of th Federation Capacity at each Tier-2 Federation vs. the Feo pledges		See separated table of Tier-2 Federations.											
		Tier-1 Sites Reliability - Dec 2008													
WLCG- 08-11	Dec 2008	c Tier-1 Sites Reliability above 97% Jul 95 Considering each Tier-0 and Tier-1 site Sept 95 Oct 95	Jul 95%												
JO -11	2000		Sept 95% Oct 95%												
			Nov 95% Dec 97%												
WLCG- 08-12	Dec 2008	Average of ALL Tier-1 Sites above 97% The average across ALL Tier-1 sites should reach a reliability above 97%	200 01 /0								I	<u> </u>	1	l	1

ID	Date	Milestone		ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL	
		Comp	leted / C	ancell	ed Hig	h Lev	el Mile	stones								
WLCG-	Mar	3D Oracle Service in Production														
07-09	2007	Oracle Service in production, and certified by the Experiments	he												squid frontier	
WLCG- 07-10	-	3D Conditions DB in Production Conditions DB in operations for ATLAS, CMS,	and												squid frontier	
		LHCb. Tested by the Experiments.													nonuer	
WLCG-	Jun	Site Reliability - June 2007 Site Reliability above 91%	Apr 88%													
07-12	2007	Considering each Tier-0 and Tier-1 site	May 88%													
			Jun 91%													
			Jul 91%													
			Aug 91% Sept 91%													
WLCG- 07-13		Average of Best 8 Sites above 93% Eight sites should reach a reliability above 93%						ges of th								
					Ар	r 92% -	May 94	4% - Jui	n 87% -	Jul 93	% - Αι	ig 94% ·	Sept 9:	3%		
		Procurement														
WLCG- 07-16		MoU 2007 Pledges Installed To fulfill the agreement that all sites procure the MoU pledged by July 2007	e 2007													
		FTS 2.0					_									
WLCG- 07-18		FTS 2.0 Tested and Accepted by the Experiments In production at CERN and accepted tested by each Experiment			ALICE			ATLAS			CMS			LHCb		
WLCG- 07-19		Multi-VO Tests Executed and Tested by the Experiments Scheduled at CERN for last week of June					(will be	part of C	CRC in F	February and May 2008			3)			
WLCG- 07-20		FTS 2.0 Deployed in Production Installed and in production at each Tier-1 Site														
WLCG-	Jun	BDII BDII Guidelines Available														
07-21		On how to install BDII on a separated node			GEE - S.											
WLCG- 07-22		Top-Level BDII Installed at the Site For each Tier-1 site														
WLCG-	Jul	glexec Decision on Usage of glexec and Guidelines	to													
07-24		Follow	510		GDB											
		MSS Main Storage Systems														
WLCG- 07-28		Demonstrated Tier-0 Performance (Storage, Demonstration that the highest throughput (AT 2008) can be reached.			ERN Tie	r-0										
WLCG- 07-28b		Demonstrated Tier-0 Export to Tier-1 Sites Demonstration that the highest throughput (AT 2008) can be reached.	LAS	CE	ERN Tie	r-0										
WLCG- 07-29		SRM: CASTOR 2.1.6/dCache in Production a From the SRM Roll-Out Plan (SRM-20 to -21a)														
WLCG- 07-30		SRM Implementations with HEP MoU Featu With features agreed in HEP MoU (srmCopy, et		(CASTO	र		DCache			DPM					
		WN and UI														
WLCG- 07-31		WN Installed in Production at the Tier-1 Site WN on SL4 installed on each Tier-1 site, with t configuration needed to use SL4 or SL3 nodes	he						n/a				n/a			
WLCG- 07-32	Jun 2007	UI Certification and Installation on the PPS			E - SA1 ne: Jul 2											
WLCG- 07-33	Aug 2007	UI Tested and Accepted by the Experiments	5	ALICE			ATLAS CMS						LHCb			
WI CC		xrootd xrootd Interfaces Tested and Accepted by A														
WLCG- 07-41	Jul 2007	Accepted by A			ALICE											
		SAM Vo-Specific Tests														
WLCG- 07-39		VO-Specific SAM Tests in Place With results included every month in the Site A Reports.	vailability	F	POSTPO	NED T	O 2008 /	AND REF	PLACED	BY A N	EW MI	LESTON	E (WLCC	G-08-08	8)	
		Site Reliability - Dec 2007														
WLCG-	Dec	Site Reliability above 93%	Aug 91%													
07-14	2007	Considering each Tier-0 and Tier-1 site	Sept 91% Oct 91%													
			Nov 91%													
			Dec 93%													
			Jan 93%													
14/1 0 0	-	August and a provide the second	Feb 93%													
WLCG- 07-15	Dec 2007	Average of Best 8 Sites above 95% Eight sites should reach an average > 95%			Se			s of the 8 3% - No						5%		