18-May	y-08		WL		-		leston	es - 200							
ID	Date	Milestone		ASGC	one (gree	en)	FZK	INFN	month (c	orange)	RAL	SARA	1 month		FNAL
		24x7 Support			IN2P3		GridKa	CNAF				NIKHEF			
WLCG-		24x7 Support Definition													
07-01	2007	Definition of the levels of support and rules to for depending on the issue/alarm	ollow,												
WLCG- 07-02		24x7 Support Tested Support and operation scenarios tested via rea alarms and situations	listic				Apr 2008	Apr 2008							
WLCG- 07-03		24x7 Support in Operations The sites provides 24x7 support to users as sta operations	andard				Apr 2008	Apr 2008		Mar 2008		Apr 2008			
		VOBoxes Support													
WLCG-		VOBoxes SLA Defined													
07-04		Sites propose and agree with the VO the level support (upgrade, backup, restore, etc) of VOB		Mar 2008	Apr 2008					Mar 2008					
WLCG- 07-05		VOBoxes SLA Implemented VOBoxes service implemented at the site acco the SLA	rding to	Apr 2008	Apr 2008	Mar 2008			Mar 2008	Mar 2008		Apr 2008			
WLCG-	Jul	VOBoxes Support Accepted by the	ALICE	n/a						n/a			n/a	n/a	n/a
07-05b	2007	Experiments VOBoxes support level agreed by the	ATLAS						n/a	n/a					n/a
		experiments	CMS						n/a			n/a	n/a	n/a	
		VOMS Job Priorities	LHCb	n/a					n/a				n/a	n/a	n/a
		VOMS Milestones below sus	pended	until th	e VOM	S Worl	kina Gr	oup def	ines ne	w mile	stone	s.			
WLCG-07 06b	Jun 2007	New VOMS YAIM Release and Documentation VOMS release and deployment. Documentation on configure VOMS for sites not using YAIM			GEE-SA		Ŭ								
WLCG-07	Apr	Job Priorities Available at Site													
06		Mapping of the Job priorities on the batch software of completed and information published	of the site												
WLCG-07 [.] 07	Jun 2007	Job Priorities of the VOs Implemented at Site Configuration and maintenance of the jobs priorities defined by the VOs. Job Priorities in use by the VOs													
		Accounting													
WLCG- 07-08		Accounting Data published in the APEL Rep The site is publishing the accounting data in AF Monthly reports extracted from the APEL Repo	PEL.												
		MSS Main Storage Systems	,												
WLCG- 07-25		CASTOR 2.1.3 in Production at CERN MSS system supporting SRM 2.2 deployed in production at the site		CE	ERN Tie	r-0									
WLCG- 07-26		SRM: CASTOR 2.1.6 Tested and Accepted b Experiments at all Sites From the SRM Roll-Out Plan (SRM-16 to -19)	y the		ALICE n/a			ATLAS Nov 2007		CMS Nov 2007			LHCb Nov 2007		7
WLCG- 07-27		SRM: dCache 1.8 Tested and Accepted by the Experiments	he	ALICE		ATLAS Nov 2007		CMS Nov 2007			LHCb Nov 2007		7		
WLCG- 07-30b	-	From the SRM Roll-Out Plan (SRM-16 to -19) SRM Missing MOU Features Implemented With full features agreed in the HEP MoU (srm etc).	Сору,	n/a CASTOR		२	DCache			DPM					
		gLite CE													
		The gLite CE will not be deple		SL4, th	e porti	ng of t	he LCG	i-CE is i	n progr	ess (2	1.9.20	07)			
WLCG-07- 35 WLCG-07-	2007	gLite CE Development Completed and Component I gLite CE Certification and Installation on the PPS Sy			GEE - JR										
36	weeks			E	GEE - PF	S									
WLCG-		CAF CERN Analysis Facility Experiment provide the Test Setup for the C	AF												
07-40		Specification of the requirements and setup ne each Experiment			ALICE			8	CMS May 2008			LHCb May 2008			
			WL	CG H	igh Le	vel Mi	leston	es - 200)8						
100 - -		OSG SAM Tests													
WLCG- 08-01		OSG RSV Tier-2 ReliabilityTests in Place OSG tests equivalent to those in WLCG SAM		C)SG-RS	V									
WLCG- 08-02		OSG Tier-2 Reliability Published OSG RSV information published in SAM and 0 databases. Reliability reports include OSG Tier		C)SG-RS	V									
		MSS/Tape Metrics													
WLCG-	April	Tape Efficiency Metrics Published 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		MoU 2008 Pledges Installed To fulfill the agreement that all sites procure they 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	· ·	Sites Report on the Status of the MoU 2009 Procurement Reporting whether is on track with the MoU pledge April. Or which is the date when the pledges will I fulfilled.													
WLCG- 08-05		MoU 2009 Pledges Installed To fulfill the agreement that all sites procure they pledged by April of every year	/ MoU												
		glexec/Pilot Jobs									1				
WLCG- 08-13	May	Glexec and Pilot Jobs Implemented at the Tier Sites	er-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%												
		Apr	Mar 93% Apr 93% May 93%												
		J	June 95%												
WLCG- 08-07															
		SAM VO-Specific Tests													
WLCG- 08-08		VO-Specific SAM Tests in Place With results included every month in the Site Ava Reports.	ailability		ALICE			ATLAS			CMS			LHCb	
		Tier-2 Federations Mllestones											1		
WLCG- 08-09		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	Jun 2008	Installed Capacity above 2008 Pledges of the Federation Capacity at each Tier-2 Federation vs. the Feder pledges		See separated table of Tier-2 Federations.											
		Tier-1 Sites Reliability - Dec 2008													
WLCG- 08-11	Dec 2008	Tier-1 Sites Reliability above 97% Jul 95% Considering each Tier-0 and Tier-1 site Aug 95% 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%		!				<u> </u>	<u> </u>		I	<u> </u>		<u> </u>	L

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	ne												squid frontier	
WLCG- 07-10	-	3D Conditions DB in Production Conditions DB in operations for ATLAS, CMS, LHCb. Tested by the Experiments.	and												squid frontier	
		Site Reliability - June 2007														
WLCG-	Jun	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%	, D		Ар	r 92% -		iges of th 4% - Ju					- Sept 9	3%		
		Procurement														
WLCG-		MoU 2007 Pledges Installed														
07-16		To fulfill the agreement that all sites procure the MoU pledged by July 2007	e 2007													
14/1 0 5		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					(will be	part of C	CRC in F	February and May 2008			3)			
WLCG- 07-20		Scheduled at CERN for last week of June FTS 2.0 Deployed in Production Installed and in production at each Tier-1 Site														
WI CC		BDII BDII Cuidelinee Aveileble														
WLCG- 07-21	Jun 2007	BDII Guidelines Available On how to install BDII on a separated node			GEE - S											
WLCG- 07-22	Jun 2007	Top-Level BDII Installed at the Site For each Tier-1 site														
WI CC	1	glexec	. 4.5													
WLCG- 07-24		Decision on Usage of glexec and Guidelines Follow	5 to		GDB											
WI CC		MSS Main Storage Systems	DM)													
WLCG- 07-28		Demonstrated Tier-0 Performance (Storage , Demonstration that the highest throughput (AT 2008) can be reached.		CE	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 Features With features agreed in HEP MoU (srmCopy, etc).		C	CASTO	ર		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 th 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			
MI 65		xrootd														
WLCG- 07-41	Jul 2007	xrootd Interfaces Tested and Accepted by A	LICE		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	3)	
		Site Reliability - Dec 2007														
WLCG-	Dec	Site Reliability above 93% Aug 91% Considering each Tier-0 and Tier-1 site Sept 91%														
07-14	2007															
			Oct 91% Nov 91%													
			Dec 93%													
			Jan 93%													
	_	· · · · · · · · · · · · · · · · · · ·	Feb 93%													
WLCG- 07-15		Average of Best 8 Sites above 95% Eight sites should reach an average > 95%			Se			s of the 8 3% - No						5%		