26-May	y-08		WI				estone	es - 200							
		·			one (gree		FZK	Late < 1	month (d	<u>, </u>		Late >	1 month	,	
ID	Date	Milestone 24x7 Support		ASGC	IN2P3	CERN	GridKa		NDGF	PIC	RAL	NIKHEF	TRIUMF	BNL	FNAL
WLCG-		24x7 Support Definition													
07-01		Definition of the levels of support and rules to f depending on the issue/alarm	follow,												
WLCG- 07-02		24x7 Support Tested Support and operation scenarios tested via real alarms and situations	alistic				Apr 2008	Apr 2008							
WLCG- 07-03		24x7 Support in Operations The sites provides 24x7 support to users as sta	andard				Apr	Apr		Mar		Apr			
		operations VOBoxes Support	erations Boxes Support				2008	2008		2008		2008			
WLCG-		VOBoxes SLA Defined													
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 according the SLA	ording 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	ATLAS						n/a	n/a			1,70	11/0	n/a
		VOBoxes support level agreed by the experiments	смѕ						n/a	11/6		n/a	n/a	n/a	
		MOMO Jak Driesitis	LHCb	n/a					n/a				n/a	n/a	n/a
		VOMS Job Priorities VOMS Milestones below sus	spended	until #	e VOM	S Worl	cina Gr	oun det	ines ne	w mile	stone	S.			
WLCG-07	Jun	New VOMS YAIM Release and Documentation	Ponded		GEE-SA		ang Gi	Jup uei			2.0116	- 1			
06b	2007	VOMS release and deployment. Documentation on configure VOMS for sites not using YAIM	how to												
WLCG-07- 06	Apr 2007	Job Priorities Available at Site Mapping of the Job priorities on the batch software 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													
WLCG- 07-08	Mar	Accounting Accounting Data published in the APEL Rep The site is publishing the accounting data in Al	PEL.												
		Monthly reports extracted from the APEL Repo	ository.												
WLCG-		MSS Main Storage Systems CASTOR 2.1.3 in Production at CERN													
07-25		MSS system supporting SRM 2.2 deployed in production at the site		CERN Tier-0											
WLCG- 07-26		SRM: CASTOR 2.1.6 Tested and Accepted be Experiments at all Sites From the SRM Roll-Out Plan (SRM-16 to -19)	y the	ALICE n/a				ATLAS Nov 200	7	ı	CMS Nov 20		LHCb Nov 2007		7
WLCG- 07-27		SRM: dCache 1.8 Tested and Accepted by t Experiments	he	ALICE n/a			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,	CASTOR		₹	DCache			DPM					
		gLite CE													
		The gLite CE will not be depl		SL4, th	e porti	ng of t	he LCG	-CE is i	n progi	ess (2	1.9.20	07)			
WLCG-07-	2007	gLite CE Development Completed and Component		E	GEE - JR	A1									
WLCG-07- 36	weeks	gLite CE Certification and Installation on the PPS S CAF CERN Analysis Facility	ystems	E	GEE - PF	PS									
WLCG-		Experiment provide the Test Setup for the C	CAF					A.T. A.C.			0110			LUCE	
07-40		Specification of the requirements and setup ne each Experiment		ALICE		ATLAS May 2008			CMS May 2008			LHCb May 2008)8	
		v	VLCG Hi	gh Le	el Mil	estone	s - 200	8							
		OSG RSV Tests													
WLCG- 08-01		RSV Tier-2 CE Tests Equivalent to SAM Successful WLCG verification of OSG test equ of RSV tests to WLCG CE tests	iivalence	OSG-RSV											
WLCG- 08-01b		RSV Tier-2 SE Tests Equivalent to SAM Successful WLCG verification of OSG test equ of RSV tests to WLCG SE tests	iivalence	(OSG-RS	V									
WLCG- 08-02		OSG Tier-2 Reliability Reported OSG RSV information published in SAM and 0 databases. Reliability reports include OSG Tie		(OSG-RS	V									

ID	Date	Milestone		ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL
		MSS/Tape Metrics													
WLCG- 08-03	April	Tape Efficiency Metrics Published Metrics are collected and published weekly													
		Tier-1 Procurement													
WLCG- 07-17	•	MoU 2008 Pledges Installed To fulfill the agreement that all sites procure the pledged by April of every year	ney MoU	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	Sites Report on the Status of the MoU 2009 Procurement Reporting whether is on track with the MoU pledges by April. Or which is the date when the pledges will be fulfilled.													
WLCG- 08-05		MoU 2009 Pledges Installed To fulfill the agreement that all sites procure they MoU pledged by April of every year													
		glexec/Pilot Jobs													
WLCG- 08-13	May 2008	Glexec and Pilot Jobs Implemented at the T Sites	Γier-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%												
			Apr 93% May 93%												
			June 95%												
WLCG- 08-07		Average of Best 8 Sites above 97% Average of eight sites should reach a reliability 97%	y 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.	Availability		ALICE		ATLAS			CMS			LHCb		
		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 the Federation Capacity at each Tier-2 Federation vs. the Federatio		See separated table of Tier-2 Federations.											
		Tier-1 Sites Reliability - Dec 2008													
WLCG-	Dec 2008														
08-11															
			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%													

ID	Date	Milestone		ASGC	CC IN2P3	CERN	FZK GridKa	INFN CNAF	NDGF	PIC	RAL	SARA NIKHEF	TRIUMF	BNL	FNAL	
		Compl	ancell	ed Hig	h Lev	el Mile	stones									
WLCG- 07-09	Mar 2007	3D Oracle Service in Production Oracle Service in production, and certified by the Experiments													squid frontier	
WLCG- 07-10		3D Conditions DB in Production Conditions DB in operations for ATLAS, CMS, and LHCb. Tested by the Experiments.													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%	5		Apı	92% -		ges of th 4% - Ju					- Sept 9:	3%		
		Procurement														
WLCG- 07-16	2007	MoU 2007 Pledges Installed To fulfill the agreement that all sites procure the MoU pledged by July 2007	e 2007													
WI 00		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	ebruary	and M	ay 2008)				
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														
		BDII														
WLCG-	Jun	BDII Guidelines Available		Ε.	GEE - S	۸.1										
07-21		On how to install BDII on a separated node			requeste											
WLCG- 07-22	Jun 2007	Top-Level BDII Installed at the Site For each Tier-1 site														
		glexec											•		`	
WLCG- 07-24		Decision on Usage of glexec and Guidelines	s to		GDB											
WLCG-		MSS Main Storage Systems Demonstrated Tier-0 Performance (Storage,	DM)													
07-28	2007	Demonstration that the highest throughput (AT 2008) can be reached.		CE	RN 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	Feb 2008	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, e		(CASTOR	2		DCache			DPM					
		WN and UI														
WLCG- 07-31	Jun 2007	WN Installed in Production at the Tier-1 Site WN on SL4 installed on each Tier-1 site, with the configuration needed to use SL4 or SL3 nodes	ne						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		ALICE			ATLAS				CMS			LHCb		
WLCG-		xrootd	LICE													
07-41	2007	xrootd Interfaces Tested and Accepted by A SAM Vo-Specific Tests	LICE		ALICE											
WLCG-		VO-Specific SAM Tests in Place														
07-39	2007	With results included every month in the Site A Reports.	vailability	F	POSTPC	NED TO	O 2008 /	AND REF	PLACED	BY A N	EW MII	ESTON	E (WLCG	30-80-G	3)	
WLCG-	Dec	Site Reliability - Dec 2007 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%													
			Feb 93%													
WLCG-	Dec	Average of Best 8 Sites above 95%				А	verages	of the 8	Best si	tes Sep	t 2007	- Jan 200	08			
07-15	2007	Eight sites should reach an average > 95%		Se								- Feb 96	%			