

ID	Service	Experiments	Available for Pilot use	Available for production	Milestone Description	Status	Notes Comments References Hyperlinks Dependent Milestones
<b>ASGC - Experiments supported: ATLAS, CMS</b>							
	VOMS	ATLAS/CMS	March till 30 April 2006	1-Jun-06	CMS/ATLAS will use central server at CERN	Not deployed	have one deployed for regional Vos (twgrid, and Apesci)
	myproxy	ATLAS/CMS			Upgrade to LCG-2.7.0 by end of Mar	Already deployed	
	BDII/GLUE	ATLAS/CMS			Upgrade to LCG-2.7.0 by end of Mar	Already deployed	round robin solution introduced.
	FTS	ATLAS/CMS			Service Available	Already deployed	
	LFC	ATLAS/CMS			Upgrade to LCG-2.7.0 by end of Mar	Already deployed	local LFC instances* configured.
	lcg-utils	ATLAS/CMS			Upgrade to LCG-2.7.0 by end of Mar	Already deployed	
	GFAL	ATLAS/CMS			Upgrade to LCG-2.7.0 by end of Mar	Already deployed	
	RB Glite 3.0	ATLAS/CMS			Installation for production will happen between 1 May 2006 and 30 May 2006	RB and Glite 1.4.1 already	
	CE (Classic, gLite 3.0)	ATLAS/CMS			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic CE and gLite 1.4.1 already deployed	
	RGMA GridICE	ATLAS/CMS			Upgrade to LCG-2.7.0 by end of Mar	Already deployed	
	APEL DGAS	ATLAS/CMS			only APEL have been installed.	Apel Already deployed	
	VOBOX	ATLAS/CMS			Service Available	Already deployed	
	CASTOR DPM d-Cache	ATLAS/CMS			Running CASTOR SRM v2.1 whenever available. DPM will be deployed within 1 month.	Already deployed	SRM contact only available for CASTOR-SC, available at Prod CASTOR end of Feb, Prod CASTOR upgrade to version 2 end of Mar.
<b>CNAF - Experiments supported: ALL</b>							
	VOMS	ALL	March till 30 April 2006	1-Jun-06	Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	myproxy	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Not deployed	
	BDII/GLUE	ALL			Only site BDII. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	FTS	ALICE, ATLAS, LHCb			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	LFC	ALICE, ATLAS, CMS			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	lcg-utils	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	GFAL	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	RB Glite 3.0	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed in PPS	
	CE (Classic, gLite 3.0)	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic CE and gLite 1.4.1 already deployed	Both classic CE and CREAM will be deployed on both PPS and production infrastructure.
	gPBox	CMS, ATLAS			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	gPBox v1.0.16 already available on INFN Certification Testbed.
	RGMA GridICE	ALL			R-GMA Installation for production will happen between 1 May 2006 and 30 May 2006. New Gridice server installation as soon as possible. Available in July.	Already deployed	R-GMA local site server. GridICE server 1.8.3-2 with all new planned features.
	APEL DGAS	ALL			APEL will not be installed. Installation for production will happen between 1 May 2006 and 30 May 2006	DGAS already deployed	
	VOBOX	ALL			VOBOX will be supported till the end of May 2006. The support of the VOBOX after May needs to be rediscussed.	Already deployed	
	CASTOR DPM d-Cache	ALL	Running Castor2 and d-Cache SRM v2.1 whenever available. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	StoRM will also be available as Storage Service.		
<b>FNAL - Experiments supported: CMS</b>							
	VOMS	CMS	12 March 2006 till 30 April 2006	1-Jun-06	CMS will use a single VOMS installed at CERN	Available at CERN	Support for roles and groups will be done via LCG LCMAPS and OSG GUMS
	myproxy	CMS			CMS will use the myproxy service provided at CERN	Already deployed	FNAL will also deploy a myproxy service locally
	BDII/GLUE	CMS			Only site BDII.	Already deployed	
	FTS				Installation of FTS clients only.	Not deployed	
	LFC				Not available	Not available	Not deployed

	lcg-utils	CMS	12 March 2006 till 30 April 2006	1-Jun-06	Available.	Already deployed	
	GFAL	CMS			Made available only if used by CMS	Not deployed	
	RB Glite 3.0		Not available	Not available	Not deployed	Not deployed	
	CE (Classic, gLite 3.0)	CMS	12 March 2006 till 30 April 2006	1-Jun-06	Deployed	Classic CE already deployed	
	RGMA GridICE				Not deployed	Not deployed	RGMA deployed when available with Condor.
	APEL DGAS		Not available	Not available	Not deployed	Not deployed	Other tools used to provide same accounting information
	VOBOX	CMS			Not deployed	Not deployed	Services that offer the same functionality will be deployed for CMS
	CASTOR DPM d-Cache	CMS	12 March 2006 till 30 April 2006	1-Jun-06	FNAL uses Enstore. D-Cache is used as disk cache.	Already deployed	

**FZK - Experiments supported: ALL**

	VOMS	ALL	20 March 2006 till 30 April 2006	1-Jun-06	Installation for production will happen between 1 May 2006 and 30 May 2006. Use VOMS server at CERN. Only clients installed.	Not deployed	
	myproxy	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	BDII/GLUE	ALL			Only site BDII. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	FTS	ALICE, ATLAS, LHCb			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	LFC	ALICE, ATLAS, CMS			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	lcg-utils	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	GFAL	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	RB Glite 3.0	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic site RB already deployed	
	CE (Classic, gLite 3.0)	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic CE already deployed	Same WN hardware used for both Pilot and production services. Smooth transition should be guaranteed.
	RGMA GridICE	ALL			Only R-GMA will be available. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	Not clear which experiment needs GridICE and what is the use case.
	APEL DGAS	ALL			Only APEL will be installed. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	VOBOX	ALL			VOBOX will be supported for all Vos. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	CASTOR DPM d-Cache	ALL	Running d-Cache SRM v2.1 whenever available. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed			

**IN2P3 - Experiments supported: ALL**

	VOMS	ALL	21 March 2006 till 30 April 2006	1-Jun-06	Use central instance at CERN	Not deployed	
	myproxy	ALL			Use central instance at CERN	Not deployed	
	BDII/GLUE	ALL			Only site BDII.	Already deployed	
	FTS	ALICE, ATLAS, LHCb			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	LHCb T1-T1 already tested. ATLAS waiting for channel configuration. Service upgrade requires agreement with experiments to stop service.
	LFC	ALICE, ATLAS, LHCb			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	Service upgrade requires agreement with experiments to stop service.
	lcg-utils	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	GFAL	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	RB Glite 3.0	ALL			To be defined	To be defined	Not deployed
	CE (Classic, gLite 3.0)	ALL	21 March 2006 till 30 April 2006	1-Jun-06	Installation for production will happen between 1 May 2006 and 30 May 2006	Classic CE already deployed	gLite CE will require local integration for supporting BQS
	RGMA GridICE	ALL			Only R-GMA will be available. Installation for production will happen between 1 May 2006 and 30 May 2006		
	APEL DGAS	ALL			As APEL is not officially supported for BQS, a homegrown APEL-compatible tool is already deployed	Already deployed	Apel does not support BQS on CE.
	VOBOX	ALL			VOBOX will be supported for all Vos. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
	CASTOR DPM d-Cache	ALL			Running d-Cache SRM v2.1 whenever available.	Already deployed	Service upgrade requires agreement with experiments to stop service.

**NIKHEF/SARA - Experiments supported: ALL**

VOMS	ALL	21 March 2006 till 30 April 2006	1-Jun-06	Use central instance at CERN	Not deployed	
myproxy	ALL			Use central instance at CERN	Not deployed	
BDII/GLUE	ALL			Only site BDII.	Already deployed	
FTS	ALICE, ATLAS, CMS, LHCb			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
LFC	ALICE, ATLAS, LHCb			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
lcg-utils	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
GFAL	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
RB Glite 3.0	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic site RB already deployed	
CE (Classic, gLite 3.0)	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic CE already deployed	
RGMA GridICE	ALL			Only R-GMA will be available. Installation for production will happen between 1 May 2006 and 30 May 2006		
APEL DGAS	ALL			DGAS will not be installed.	Not deployed	A modified version of APEL will be installed in order not to publish user DNs
VOBOX	ALL			VOBOX will be supported for all Vos. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
CASTOR DPM d-Cache	ALL			Running d-Cache SRM v2.1 whenever available.	Already deployed	Service upgrade requires agreement with experiments to stop service.

**PIC - Experiments supported: ATLAS, CMS, LHCb**

VOMS	ALL	15 March 2006 till 30 April 2006	1-Jun-06	Installation for production will happen between 1 May 2006 and 30 May 2006	Not deployed	
myproxy	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Not deployed	
BDII/GLUE	ALL			Site BDII and top level BDII. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
FTS	ATLAS, LHCb			Installation for production will happen between 1 May 2006 and 30 May 2006	Not deployed	
LFC	ATLAS			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
lcg-utils	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
GFAL	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed	
RB Glite 3.0	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic site RB already deployed	
CE (Classic, gLite 3.0)	ALL			Installation for production will happen between 1 May 2006 and 30 May 2006	Classic CE already deployed	
RGMA GridICE	ALL			Only R-GMA will be available. Installation for production will happen between 1 May 2006 and 30 May 2006	GridICE already installed	
APEL DGAS	ALL			Both APEL and DGAS will be installed. Installation for production will happen between 1 May 2006 and 30 May 2006	Apel already deployed	
VOBOX	ALL			VOBOX will be supported for all Vos. Installation for production will happen between 1 May 2006 and 30 May 2006	Already deployed for ATLAS	
CASTOR DPM d-Cache	ALL			Running d-Cache SRM v2.1 whenever available.	Already deployed	Planning to move to SRMv2 Castor2 in middle March. Plan to deploy d-Cache by 1st of April 2006.

**RAL - Experiments supported: ALL**

VOMS	ALL	12 March 2006 till 30 April 2006	1-Jun-06	Installation for production will happen between 15 March 2006 and 31 March 2006	Not deployed	
myproxy	ALL			Installation for production will happen between 15 March 2006 and 31 March 2006	Not deployed	
BDII/GLUE	ALL			Only site BDII.	Already deployed	
FTS	ALICE, ATLAS, LHCb			Installation for production will happen between 15 March 2006 and 31 March 2006	Already deployed	
LFC	ATLAS			Installation for production will happen between 15 March 2006 and 31 March 2006.	Already deployed	
lcg-utils	ALL			Upgrading to LCG-2.7.0 at the end of February.	Already deployed	
GFAL	ALL			Upgrading to LCG-2.7.0 at the end of February.	Already deployed	
RB Glite 3.0	ALL			Installation for production will happen between 15 March 2006 and 31 March 2006	Classic site RB already deployed	
CE (Classic, gLite 3.0)	ALL			Installation for production will happen between 15 March 2006 and 31 March 2006	Classic CE	

	gLite 3.0)				and 31 March 2006	already deployed	
	RGMA GridICE	ALL			Only R-GMA available. Running the most current release.	Already deployed	Following development cycle of R-GMA.
	APEL DGAS	ALL			Both APEL and DGAS will be installed. Installation for production will happen between 15 March 2006 and 31 March 2006	Not deployed	
	VOBOX	ALL			VOBOX will be supported for ATLAS, LHCB and ALICE.	Already deployed	
	CASTOR DPM d-Cache	ALL			Running d-Cache SRM v2.1 whenever available. No DPM will be installed.	Already deployed	Planning to run Castor2 in production for September.

**TRIUMF – Experiments supported: ATLAS**

	VOMS	ATLAS	15 March 2006 till 30 April 2006	1-Jun-06	Use central instance at CERN	Not deployed	
	myproxy	ATLAS			Use central instance at CERN	Not deployed	
	BDII/GLUE	ATLAS			Only site BDII	Already deployed	
	FTS	ATLAS			Service Available	Already deployed	
	LFC	ATLAS			Service Available	Already deployed	
	lcg-utils	ATLAS			Available	Already deployed	
	GFAL	ATLAS			Available	Already deployed	
	RB Glite 3.0	ATLAS			Will not be available	Not deployed	if ATLAS needs one, we could deploy the service in the future
	CE (Classic, gLite 3.0)	ATLAS			CE gLite 3.0 whenever available	Classic CE already deployed	
	RGMA GridICE	ATLAS			R-GMA mon-box available	Already deployed	
	APEL DGAS	ATLAS			APEL used for accounting	Already deployed	DN's are currently being published. DGAS possibility will be explored.
	VOBOX	ATLAS			Service Available	Already deployed	
	CASTOR DPM d-Cache	ATLAS			d-Cache SRM v1.1 available. SRM v2.1 will be installed whenever available.	Already deployed	

**US-ATLAS - Experiments supported: ATLAS**

	VOMS	ATLAS	12 March 2006 till 30 April 2006	1-Jun-06	Intend to replicate the CERN VOMS instance for ATLAS.	Available at CERN	Support for roles and groups will be done via LCG LCMAPS and OSO GUMS
	myproxy	ATLAS			Service available locally	Already deployed	
	BDII/GLUE	ATLAS			Only site BDII.	Already deployed	
	FTS	ATLAS			Service available	Already deployed	
	LFC	ATLAS			Service available	Not deployed	Plan to upgrade as soon as possible
	lcg-utils	ATLAS			Available.	Already deployed	
	GFAL		Not available	Not available	Not used by ATLAS	Not deployed	
	RB Glite 3.0	ATLAS	12 March 2006 till 30 April 2006	1-Jun-06	Deployed	Already deployed	Not relevant for OSO operations
	CE (Classic, gLite 3.0)	ATLAS			Deployed	Classic CE already deployed	Not relevant for OSO operations
	RGMA GridICE	ATLAS			Both R-GMA and GridICE available. Planning to upgrade them.	Already deployed	
	APEL DGAS	ATLAS			APEL not available. Installation of DGAS is foreseen.	Not deployed	
	VOBOX	ATLAS			Not deployed	Not deployed	Services that offer the same functionality will be deployed for ATLAS
	CASTOR DPM d-Cache	CMS	Not available	Not available	Not deployed	Not deployed	