

SL5 Site Status

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SL5 Site Status

- **ASGC** T1 - will be finished before **mid September**. Actually the OS migration process is under way, more than 1.2K cores are being offline and prepare for the first batch OS update.
- T2 ??
- **BNL** - Processing resources were migrated to SL5 in **late July**.
- **USATLAS** T2s - prepared to migrate as soon as the upcoming ATLAS reprocessing exercise is completed. We expect all of them to be running SL5 by **mid October**
- **CNAF** T1 - a test queue (with several WN) is ready and we are waiting for feedback from experiments to migrate.
- All T2s foresee to migrate before the **end of September**



SL5 Site Status (2)

- **FNAL** T1 rollout for worker nodes is **complete**. dCache servers have also been moved to SL5. We still have interactive analysis nodes at SL4 (request from CMS)
- SL5 upgrade at Tier-2s is proceeding. Only 1 of the 7 has indicated a problem in finishing before the **end of September**.



SL5 Site Status (3)

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- IN2P3 T1 - ALICE already validated our SL5 deployment. Other experiments are doing so. We are actively and progressively increasing our SL5-based fraction of the batch farm. The rhythm of this migration will depend **on the speed** the other LHC experiments validate that their software performs OK on our installation.
- IN2P3 T2
 - - IN2P3-GRIF: currently validating with the experiments and deploying SL5. One of the sites composing GRIF has already migrated all the worker nodes to SL5. Difficulties to support at the same site a batch farm using WNs running SL4 and SL5, in particular if the experiment requires a different software area for SL4 and another for SL5. Goal: deployment of SL5 on week 38 or 39.
 - - IN2P3-SUBATECH: partially migrated to SL5. Waiting for ALICE to confirm that they can stop using worker nodes running SL4.
 - - IN2P3-LAPP: SL5 validated. Being deployed.
 - - IN2P3-LPC: ongoing validation before wide deployment
 - - TOKYO: plan to deploy SL5 in early October. New hardware expected to be delivered in november or december.



SL5 Site Status (4)

- **KIT T1** - Had SL4 and SL5 subcluster since April. Migration of the remaining SL4 WNs to SL5 will finish **this week**.
- All CEs (and Cream-CEs) usable by LHC VOs point to SL5 since **August 24**.
- **Tier-2s**
- LRZ-LMU Munich (Atlas) : SuSE Linux (SLES10) on WNs, no SL(C) planned
- MPPMU Munich (Atlas) : SuSE Linux (SLES10) on WNs, no SL(C) planned
- DESY (Atlas, CMS, LHCb) : Hamburg site: Migration of all WNs to SL5 started this week Zeuthen site: Will have SL5 subcluster in September
- Aachen (CMS) : running SL5 on all WNs since approx. mid of **July**
- Göttingen (Atlas) Start migration to SL5 probably end of September
- GSI Darmstadt (Alice) : Debian Etch64 on WNs, no plan to go to SL(C).
- Prague (Atlas) : Currently SL4 and SL5 subcluster, all new hardware on SL5 since this year.
- Wuppertal (Atlas) : All WNs still on CentOS4. Plan to migrate (to CentOS5) mid September.
- Freiburg (Atlas) : WNs still on SL4. Plan to migrate first batch of WNs to SL5 soon. Aim for complete migration by end of 2009.
- CSCS (Atlas, CMS, LHCb) : All WNs on SL4. Start migration to SL5 as soon as possible when remaining LHCb problems are confirmed to be solved.
- Polish sites:
 - - Cyfronet Cracow (Atlas, LHCb) : No SL(C)5 yet and no clear plan when to migrate.
 - - PSNC Poznan (Atlas, LHCb) : SL5 test cluster existing.
- All sites running SL4 and SL5 mixed provide separate CEs pointing to the subclusters



SL5 Site Status (5)

- NL-T1 All parts of the NL-T1 and all sites in the Netherlands coordinated by BiG grid will have a coordinated migration to EL5/x64_64. The migration will not happen before October 1st, 2009, and we aim to complete the entire migration before November 1st. At any point in time no more than two (2) sites will be down for this migration.
- NL-T2 None



SL5 Site Status (6)

- **PIC T1**
- -CMS already validated the SL5 test WN at PIC: CMS capacity (aprox 500 cores) will be migrated to SL5 queues during today/tomorrow.
 - ATLAS and LHCb still validating test WN at PIC. Will migrate 100% of the T1 capacity once they are ready. Plan to complete the migration in September.
- ATLAS Tier2s:
 - IFAE: Plan to migrate to SL5 before the end of September.
 - IFIC, UAM: No info.
 - LIP-Coimbra (atlas): currently being reinstalled in SL5.
 - LIP-Lisbon (atlas and cms): aprox 25% of 570 slots already in SL5
 - NCG-INGRID-PT (atlas and cms): 100% of resources already in SL5.
- CMS Tier2s: -CIEMAT: Already migrated ~50% of the WNs to SL5 (364 out of 768). Plan to complete the migration during the next 2 weeks.
 - IFCA: Currently testing SL5 WNs. Plan to migrate production farm before the end of September.
- LHCb Tier2s: -UB: Will migrate to SL5 after PIC has done so.
 - USC: No plans yet.



- **TRIUMF** T1 the production system is still at SL4. We deployed a tiny SL5 cluster (with separate CE and ATLAS software area) in order to do some testing and validation. New hardware coming online in the coming 1-2 months will be on SL5. We will likely run two large separate clusters and then do a full move to SL5.
- Canadian T2s
 - Four T2 sites are currently running SL4 exclusively (UVic, UofA, WestGrid-UofA, Toronto). Timing of migration to be scheduled pending further discussion with site management as these are parts of shared facilities.
 - One T2 has SL4 and SL5 (SFU).
 - New facilities coming online at Scinet-Toronto will be SL5* (CentOS 5).
- **UK** T1 Test cluster/CE now. Substantial resources moved mid **September**
- UK T2 Most Sites will migrate in **September**. A few will take as long as **November**, and one little-used site **January**