



# ASGC Site Report

Felix Lee  
ASGC/OPS

SA3 All Hands Meeting in Cyprus  
May. 2009



# ASGC Participations to SA3

- TSA3.1 Integration & Packaging
  - Join the CERN team and work integrated in the team on the overall tasks.
- TSA3.2 Certification & Testing
  - Station at CERN and contributing to the overall test activity.
  - Contributing to framework development and maintenance.
- TSA3.4 Interoperability & Platform Support
  - Focus on SRM – SRB interoperation. Develop tools and components to allow seamless interoperation



# Certification & Testing

- Thanks Andrew for assigning patch to me
  - Patch 2796 yaim-client 4.0.7 for x86\_64
  - Patch 2795 yaim-client 4.0.7 for i386
  - Very simple patches.
  - But ....



# Fire accident in ASGC

- Since unexpected circuit failure, UPS was exploded, and it caused power room fired.



# Saving our facilities

- About 1300 blades with 85 chassis
- 120 storages
- 86 1U servers
- Various things...
- etc.





# Cleaning all facilities

- Fortunately, all facilities wasn't damaged by fire.
- But all of them was damaged by smoke.





# A challenge for patch certification

- Our Data Center is not available.
- All testbeds are not able to online.
- We had to recover most production services regarding LCG tier 1 center.
- I had to manage several things for recovering tier 1 services in time.
- But the patch certification was urgent since I had token those patches for a long time.



# A challenge for patch certification

- To install all testbeds on my laptop.
  - Used virtual box for building up virtual machines.
  - Now I migrate to kvm.
- Since we lost gLite, SLC mirror server in Taiwan...
  - All packages should be download from CERN.
  - Every things got very slow when I was installing new testbed on my laptop.





# SRM SRB deployment

- Our main developer who works for SRM SRB, left our office for his career.
- New comer is making progress in SRM SRB integration.
- Some functions should be implemented in the future.
  - More async operation
    - Space functions (e.g. srmUpdateSpace)
    - Transfer functions (e.g. srmGetRequest)
- Transfer to SRM-IRODS interface.



# Future Plan

- Taking more tasks regarding SA3.1, SA3.2 from SA3 if possible.