



BATCH MACHINES: (62)

- GRID queue (AliEn)
- local batch jobs (LSF)
- PROOF nodes

LOCAL DISKS (~90 TB)
xrootd (lxgrid2)
ALICE::GSI::SE_tactical

Now

file servers (30 TB)
xrootd (grid2)
ALICE::GSI::SE

file catalogue

file servers (11 TB)
Fabrizio's xrootd
(will become SE or
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lxfs50+51+52 (16.5 TB)
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/d/aliceXY disks (~17 TB)
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**WEAKEST
POINT !**

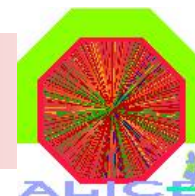
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Batch Machines



Monalisa monitoring: <http://lxgrid3.gsi.de:8080/>

- **Group 1:** lxb255-lxb268 (14) (+1 “broken”)
D-Grid / ALICE machines
4 processors, 8 GB RAM
2.2 TB local disk → **31 TB, in gsiaf**
- **Group 2:** lxb281-lxb304 (20) (+4 “broken”)
ALICE
8 processors, 16 GB RAM
1.2 TB local disk → **24 TB, in gsiaf**
- **Group 3:** lxb327-lxb357 (28) (+26 missing power)
D-Grid / FAIR machines
8 processors, 32 GB RAM
1.2 TB local disk → **34 TB, empty**

Computing Resources



- All machines in **GRID and local** batch queues
Now: up to 6(2/7) jobs/machine allowed
2 queues share resources
 - What for **PROOF**?
 - Now: only 10 nodes
 - Now: each user can have 1 process/machine
 - How many PROOF users?
 - Test operation with more nodes
- Plan:** after March 10, move PROOF cluster to ≈ 15 machines of the newest ones using local disks (≈ 18 TB).

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xrootd cluster for the “analysis facility”
- **New xrootd from Fabrizio able to pull data**
 1. cache of data stored elsewhere
 2. automatic restoring of lost data

Possibly pull data from 2 sources:

 - AliEn data from ALICE::GSI::SE
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- **What about the other local disks?** (70 TB)