



Job Priorities Status at $T\{0,1\}$

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wLCG MB meeting

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Why VOViews?

- ◆ “Old” Glue schema : reporting insane unless each distinct scheduling class gets its own queue
- ◆ At large sites this easily means $O(100)$ queues
- ◆ Go back to “short, medium, long” world
- ◆ Reporting blocks (VOViews) show class-specific snapshot of each of these queues
- ◆ $O(1)$ CEs, $O(100)$ VOViews ... But VOViews are smaller objects
- ◆ Reduce site configuration, reduce information explosion
- ◆ Move away from VO-specific queues!!!!

The Results

| | VOMS roles | scheduler shares | info sys | published | prod share ATLAS |
|---|------------------|------------------|----------|-----------|---------------------|
| TRIUMF | yes | yes | no | no | 80% |
| FZK | | | | no | |
| NDGF | | | | no | |
| FNAL | | | | no | |
| RAL | yes | yes | yes | yes | 80% |
| Netherlands | yes | yes | yes | yes | 80% |
| CERN | yes | yes | yes | yes | (ATLAS) 74% |
| CNAF | yes | not clear | yes | yes[d] | not clear |
| ASGC | yes | yes | yes | yes[b] | not clear |
| PIC | yes | yes | yes | yes [a] | (for instance?) 80% |
| CC-IN2P3 | yes | equiv | yes | no [c] | equiv 80% |
| BNL | yes | yes | no | n/a | 62% |
| Other sites publishing VOMS information to IS (non exclusive list): | | | | | |
| | IFIC (spain) | | | | |
| | Padova | | | | |
| | RWTH (Aachen/DE) | | | | |
| | CESNET (CZ) | | | | |
| [a] VOViewLocalID incorrect format | | | | | |
| [b] CE blocks OK, only role=production VOView, others missing .. Is this intentional? | | | | | |
| [c] Role=production simply added to existing VO:atlas VOView | | | | | |
| [d] CE block missing the FQANs but VOViews correctly present | | | | | |

CERN

```
objectClass: GlueCESEBind
objectClass: GlueSchemaVersion
GlueCESEBindSEUniqueID: srm.cern.ch
GlueCESEBindSEUniqueID: srm.cern.ch
GlueCESEBindCEAccesspoint: /castor/cern.ch/grid/
GlueCESEBindCEAccesspoint: /castor/cern.ch/grid/
GlueCESEBindCEAccesspoint: /castor/cern.ch/grid/
GlueCESEBindCEAccesspoint: /castor/cern.ch/grid/
GlueCESEBindCEUniqueID: ce101.cern.ch:2119/jobmanager-lcglsf-grid_alice
GlueCESEBindCEUniqueID: ce101.cern.ch:2119/jobmanager-lcglsf-grid_alice
GlueCESEBindCEUniqueID: ce101.cern.ch:2119/jobmanager-lcglsf-grid_alice
GlueCESEBindCEUniqueID: ce101.cern.ch:2119/jobmanager-lcglsf-grid_alice
```

Sinica (TW)

```
objectClass: GlueCETop
objectClass: GlueVOView
objectClass: GlueCEInfo
objectClass: GlueCEState
objectClass: GlueCEAccessControlBase
objectClass: GlueCEPolicy
objectClass: GlueKey
objectClass: GlueSchemaVersion
objectClass: GlueCETop
objectClass: GlueVOView
objectClass: GlueCEInfo
objectClass: GlueCEState
objectClass: GlueCEAccessControlBase
```

- ATLAS queue has ACBRs for VO:atlas, plus production and software VOMS roles
- Only a single VOView is present (for production role) ... Should be OK, but is this what you really wanted?

IN2P3 : VOView not a "VO View"

```
GlueVOViewLocalID: atlas
GlueCEAccessControlBaseRule: VO:atlas
GlueCEAccessControlBaseRule: VOMS:/atlas/Role=lcgadmin
GlueCEAccessControlBaseRule: VOMS:/atlas/Role=production
GlueCEAccessControlBaseRule: VOMS:/atlas/Role=software
GlueCEStateRunningJobs: 0
GlueCEStateWaitingJobs: 0
GlueCEStateTotalJobs: 0
GlueCEStateFreeJobSlots: 165
GlueCEStateEstimatedResponseTime: 1739
```

Other

- ◆ Progress on LSF, Condor plugins
- ◆ Info provider now deployed "officially" on PPS