

Mock Data Challenge computing resources

JLAB computing resource request:

Information provided to Graham Heyes and Dennis Weygand

- **period:** February 2014 to the end of April 2014
- **processing:** 0.6 million CPU hours
- **data storage and distribution:** 13 TB of tape storage needed and most of this is to be exported too

(Note: known only to within a factor of 2)

==> ~280 slots needed constantly for three months

==> ~18 Ivy Bridge nodes (16 core systems)

No complaints.

see: <http://scicomp.jlab.org/scicomp/>

News

No v. 12	Compute farm at CentOS 6 The data analysis cluster is fully upgraded to CentOS 6, and includes the newest 24 16-core Ivy Bridge farm13 nodes. The farm is currently underutilized, and has been for quite some time. Please submit any computing jobs that are ready to run!
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Resources at SLAC:

```
Filesystem      1K-blocks      Used Available Use% Mounted on
surrey04a:/vol/voll/g.hps
1572864000 1409834048 163029952  90% /a/surrey04a/vol/voll/g.hps
Filesystem      1K-blocks      Used Available Use% Mounted on
sccs01:/sccs/hps2 10300090368 9864180736 435909632  96% /a/sccs01/sccs/hps2
Filesystem      1K-blocks      Used Available Use% Mounted on
sccs02:/hps      34351260672 1364983808 32986276864  4% /a/sccs02/hps
```

~30 TB available

processing capacity at SLAC should not be a problem

Data Catalog:

- testing update of SLAC based catalog from JLAB and retrieval of file lists with criteria applied