Queen Mary
University of London

Particle Physics Research Centre
Site Report 2008

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Computers

- 5 Debian servers
  - Print, Filestore, Backup/Install, Syslog, Web
- 1 RedHat servers
  - Mail, $HOME, NIS
- 12 Rackmount SL3/SL4 workstations
- 15 SL4/SL5 Desktops
- 10 WinXP Desktops
- 20 Laptops (mixed bag)
- 2 HP Procurve Switches 2810-48G

Last Year

- Webserver upgrade (Debian Etch)
  - Web disk NFS exported to desktops
- Gateway machines (3 DNS round robin)
- Sun Grid Engine for batch queue
- NEC VL360 as base desktop

  http://irda.procureweb.ac.uk/

- Upgrade Debian Sarge->Etch
  - Syslog server/Print server. Both very easy!

Last Year

- 3ware 9500S-12 2TB based RAID5 decommissioned

- Areca 1160 8TB RAID6 recommissioned

  - Second machine to come next month

- Installed Atlas/Grid UI software on SL4

- Polycom VSX7000s

  - Stand alone Video Conference Kit
  - Registered with JANET VC service for GDS

Rant...

- CfEngine is great
  - Department ripping off our cfengine setup
- Scientific Linux
  - Too many issues to list!
  - SL3 updates are now SANE
  - Yum Priorities are your friend
- Ubuntu on desktop!
  - We will convert you to Debian in the end!

Yum Priorities

- ## SL4 add-on repo
  yum-plugin-priorities
- ## SL4 enable in yum.conf
  "plugins=1"
- ## SL5 part of distro
  yum-priorities

- ## Low Priority Wins

```
[sl-base]

baseurl=http:// ...

priority=10

[qmhep]

baseurl=http:// ...

priority=5

[SLC]

baseurl=http:// ...

priority=20

[glite]

baseurl=http:// ...

priority=30
```

Windows...

- Is Vista any good?

- Tools recommendations for management?

- Please install Sun ODF plug-in with MS Office.. until they support ODF

  http://www.sun.com/software/star/odf_plugin

- OOXML in the long grass (for now!)

Next Year...

- New "hepserver" (probably HP DL380G5)
  - Sort out email
    - Dovecote/Exim
  - Sort out NIS
    - LDAP / Kerberos ?
- Ubuntu (and Fedora?) to desktop
- Work on Disaster Recovery
  - Based on Debian live framework
- Investigate OpenNMS for monitoring

That's All Folks...

Questions???

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