



# GridPP

UK Computing for Particle Physics

## QMUL IPv6 status – October 2014

Christopher J. Walker



Queen Mary  
University of London



- All machines mentioned below Dual stack
- Perfsonar machine (no change)
  - MTU=9000
  - Currently tracking testing branch
- RIPE Atlas probe (no change)
- Test StoRM SE (se02)
  - Dual stack
  - Part of Phedex testbed. (new since last face to face)
  - Jumbo frames
  - GridFTP reporting of IP address (GGUS 102900) – now testing fix.
  - Supports WebDAV (for testing)

- xrootd4 host
  - Atlas only (would like to support all VOs, but need instructions)
  - Also testing ARGUS authentication.
  - <http://gridpp-storage.blogspot.ch/2014/07/ipv6-and-xrootd-4.htm>
- Production GridFTP server (se04)
  - 1 (of 2) production GridFTP nodes dual stack
  - In dual stack production since 14:00 CERN time today
  - Will see if there are any problems
    - GridFTP doesn't default to IPv6
      - Not testing as much as we desire

- Use VM host to test services
  - Dual stack CE
  - Dual Stack WN
    - Will need to consider firewall – currently IPv4 is via NAT
- New services dual stack from the beginning
- Migrate all VM hosts to dual stack network
  - Services can then migrate slowly