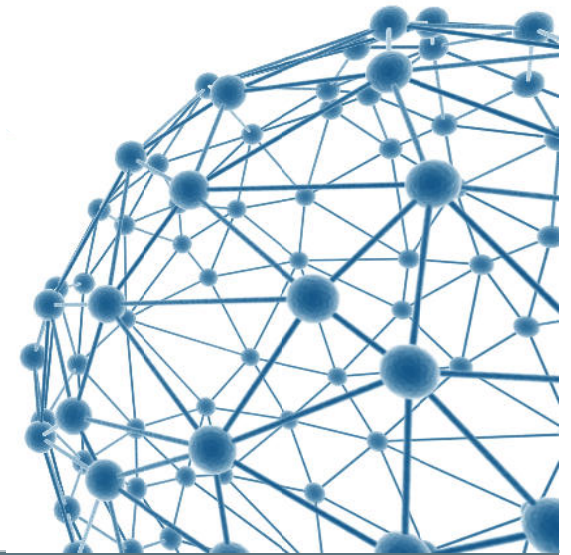


FTS3 & IPv6

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IT-SDC : Support for Distributed Computing

FTS3 Pilot

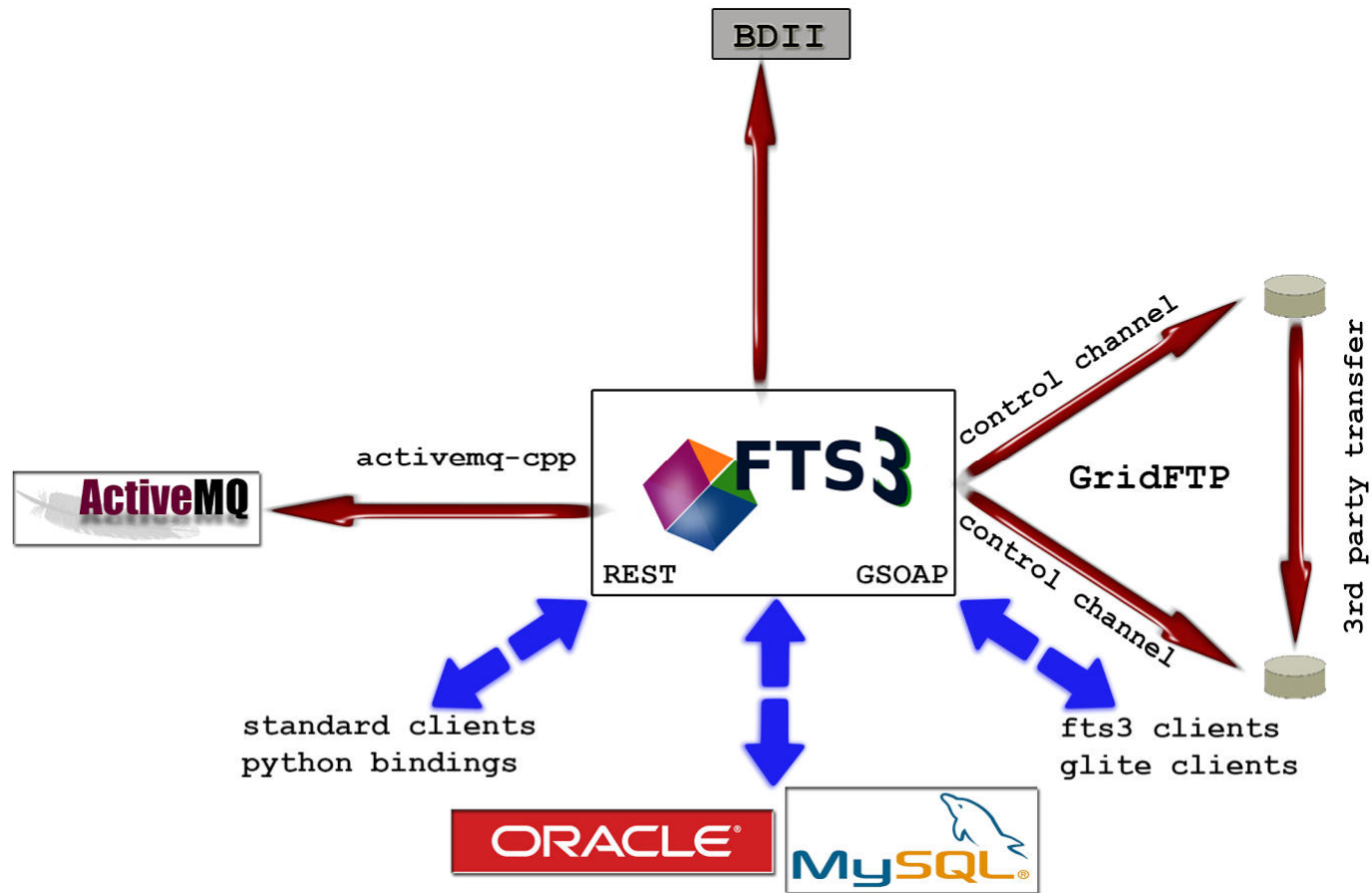
- 3 nodes each receiving IPv6 address from DHCP
- Recently updated CernLBD manages alias fts3-pilot resolving to IPv4 and IPv6 address.
- fts3-pilot nodes using same puppet module 'cernipv6' as e.g. lxplus-ipv6.
 - In principal this module could be applied to all 10,000 puppet managed machines tomorrow
- IPv6 firewall rules for FTS not yet merged into puppet-fts.

Many thanks to Steve Traylen – IT/PES

FTS3 pilot run / endpoint status

- Most common failures
 - globus_ftp_client: the server responded with an error 500 500-Command failed. : globus_xio: Unable to connect to 2001:948:40:2::149:24437 500-globus_xio: globus_xio_system_socket_register_connect failed. 500-globus_xio: System error in connect: Network is unreachable 500-globus_xio: A system call failed: Network is unreachable 500 End.
 - globus_ftp_client: the server responded with an error 500 'eprt |2|2600:900:6:1101:20F:53FF:FE0D:6DE4|42349|': command not understood

FTS3 net connections



FTS3 How-to

- <http://hepiv6.web.cern.ch/content/slc6-actually-glibc-29-change-aipassive-bind-pfunspec-getaddrinfo-preference>
- /etc/fts3/fts3config
 - IP=::
 - DbConnectionString=[2001:db8:0:f101::1]:3306/fts3
- /etc/gfal2.d/gsiftp_plugin.conf
 - IPV6=true