

APEL Status and Plans

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- General
 - APEL SAM tests replaced with NAGIOS
 - Still running both in parallel
- APEL Parsers
 - No current issues
 - Still supporting PBS, LSF, SGE and Condor

- APEL Publisher
 - glite-APEL released into production in June
 - glite-APEL to replace glite-MON
 - Transport of records based on ActiveMQ (replacing RGMA)
 - ActiveMQ broker currently installed at RAL
 - No changes to functionality
 - One update to glite-APEL released

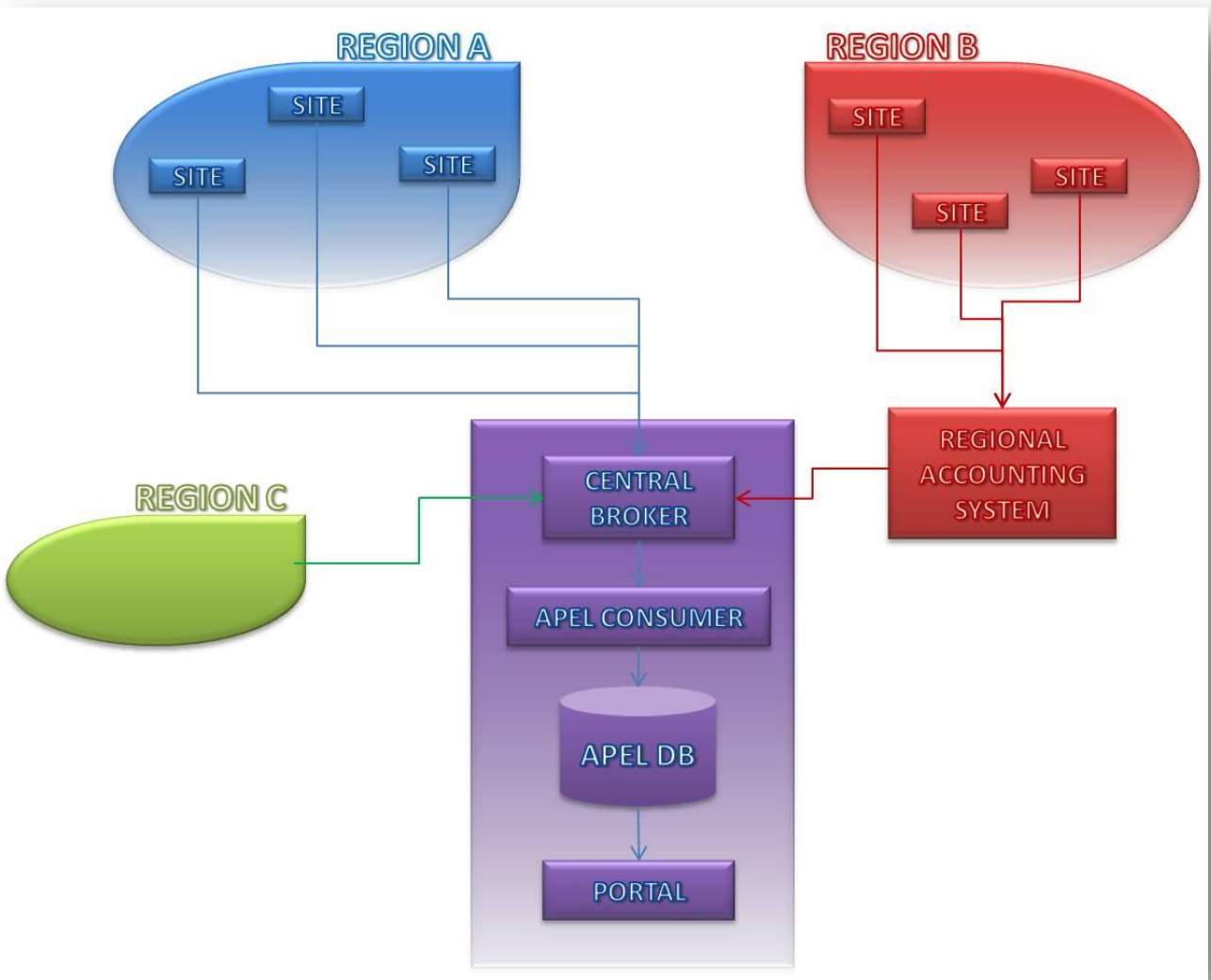
- APEL Publisher (cont.)
 - Beta testing for glite-APEL node first half of year
 - IN2P3-LAPP, IN2P3-CPPM and GRIF in France
 - GR-04-FORTH-ICS in Greece
 - Australia-ATLAS
 - Currently 30 sites publishing via ActiveMQ
 - Still ~190 sites publishing with RGMA

- Migration to ActiveMQ
 - Need to test resilience of infrastructure in a controlled way
 - Migration in steps
 - Start with a few ROCs
 - So far contacted Spain, France, Serbia and UK
 - Very slow progress – summer?

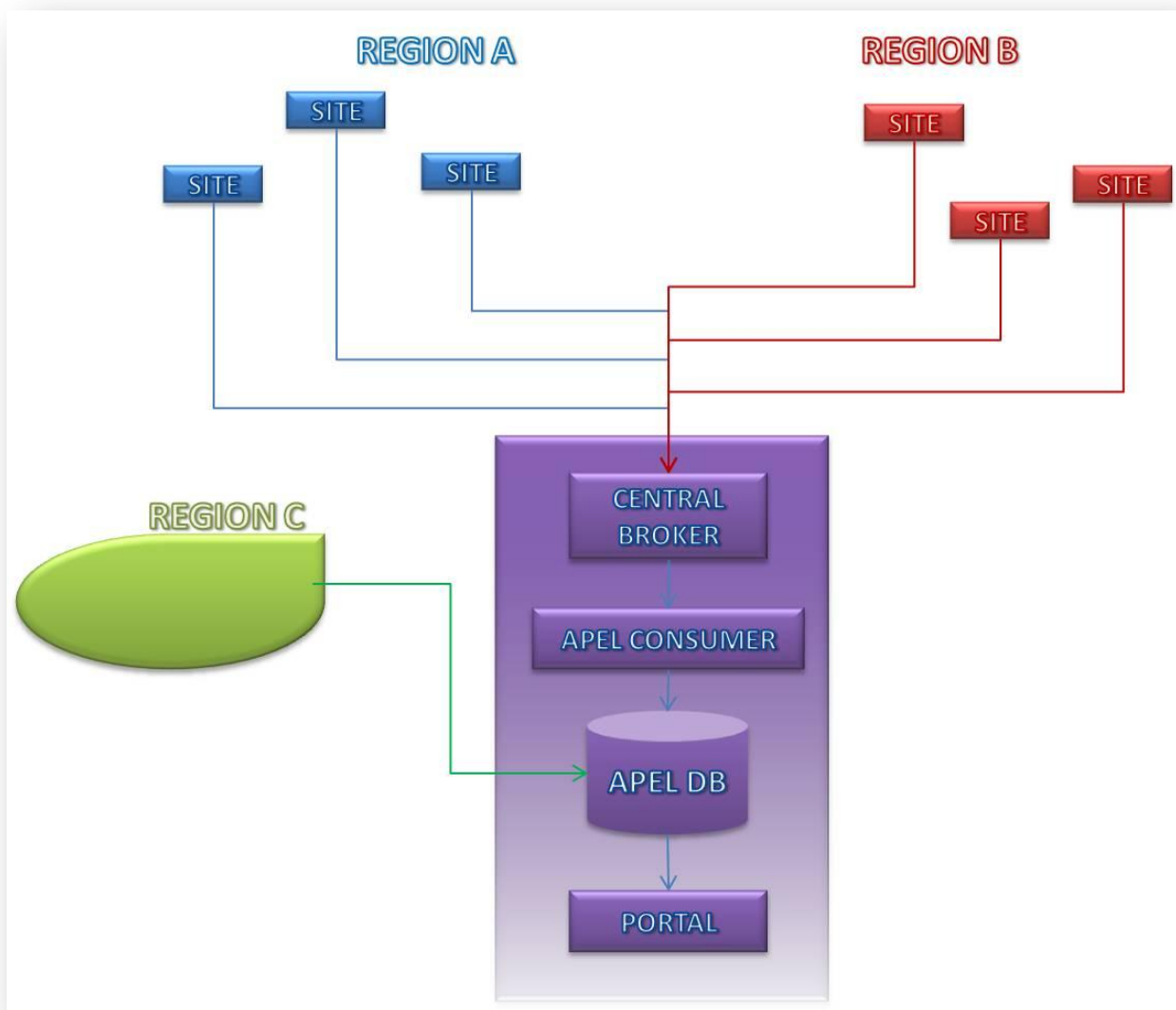
- APEL Server
 - RGMA to be decommissioned – end of year?
 - APEL to use the production network of brokers
 - Automation of processes – new topology database for Tier1 / Tier2
 - Internal work on database/processes
 - Increasing number of records

- Publisher
 - Implement summary publishing - regionalisation
- Parsers
 - Provide MPI support

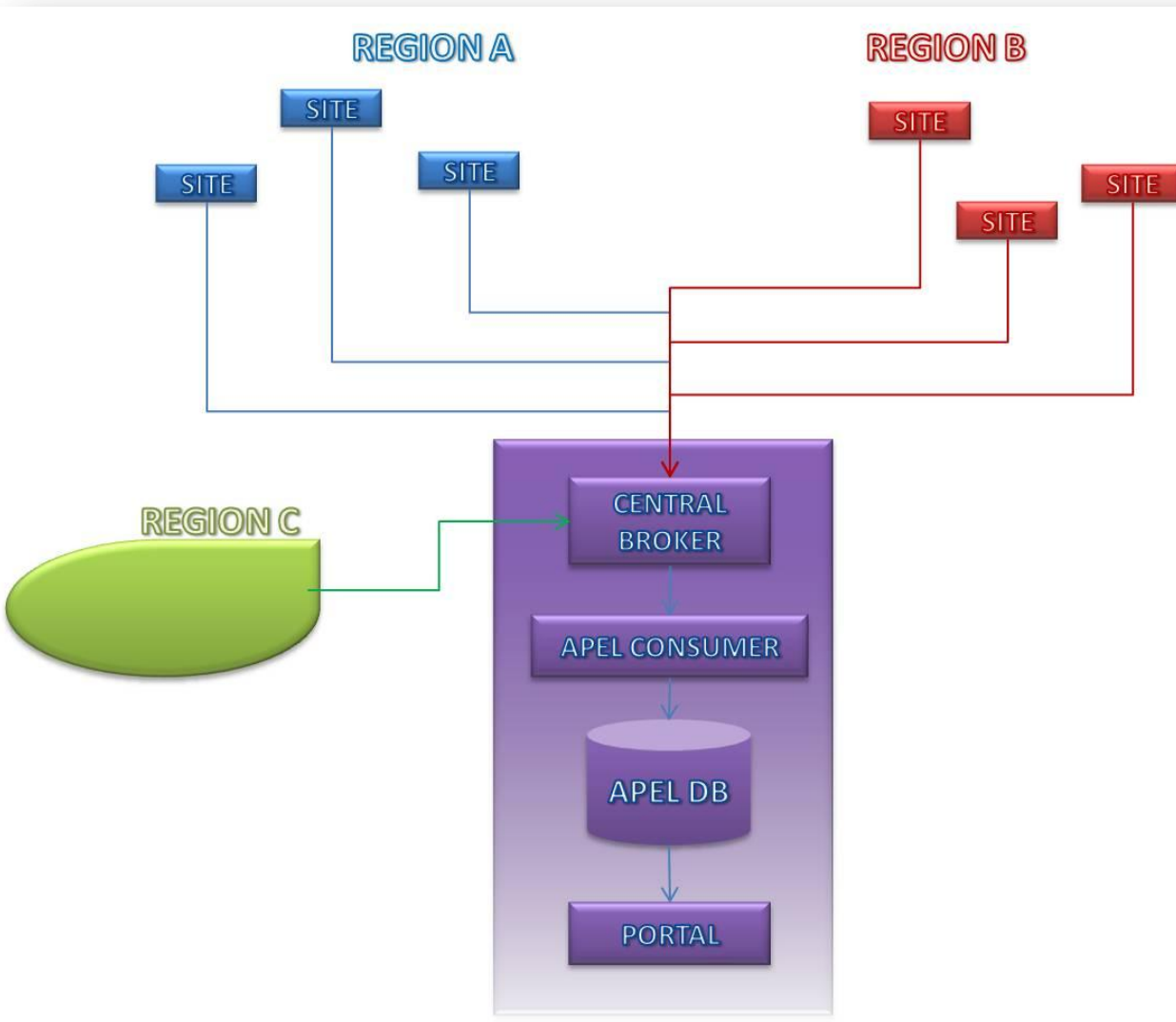
Regionalisation - Plan



- All regions to publish via ActiveMQ
- Provide regional accounting system
- Allow regions to continue using central system
- Collect records from other grids/tools via same interface



- Currently no regional system ready
- All sites using APEL publishing directly to central system
- Other grids/subgrids using direct insertion into the APEL database
 - NDGF
 - OSG
 - INFN
 - IN2P3



- First step moving other grids to use ActiveMQ client
- Region C sites only publish summaries

Questions?



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<http://goc.grid.sinica.edu.tw/gocwiki/ApelHome>