



3D Application Tests

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Where are we?



- Testbed setup in place with 5 sites connected
 - Good stability in (rather mild) file catalog tests
- OEM installation done
 - Scripts and install-kit for sites being finalized
- Frontier installation done - thanks to FNAL help!
- Should be able to start with real application tests soon
- Propose to go through experiment list
 - Update spreadsheet with requirement changes
 - Obtain date estimates for
 - Application stable and reference workload exists
 - Tier 0 validation
 - Distributed validation in the test bed
 - Expected production deployment
- Mark applications which are seen as candidate for SC3 test

Goal of Application Tests



- Validation of Applications wrt to test workload
 - Are the applications really ready?
 - Functional test centralized (T0) and distributed (T0+T1+.. as required)
 - Obtain a required service size
 - Are the volume estimates correct?
 - How much CPU/sessions/memory/ disk I/O are required?
- Validation of (initial) service infrastructure
 - Can we use OEM for shared administration and diagnostics?
 - Do POOL/RAL service lookup + client monitoring work?
- Comparison of direct database access with FroNTier based access
 - Do we have comparable applications/workloads?

On the “sites” side



- Fill a spreadsheet with expected hardware setup
 - Which hardware is available now in the test bed?
 - Which hardware is available for early deployment as part of SC3?
 - Which hardware is expected to be available for production?
- Cross check against the application test plan
- Cross check against the application production plans