



Next Steps

Information System Task Force
26th November 2015

Roadmap to GLUE 2.0

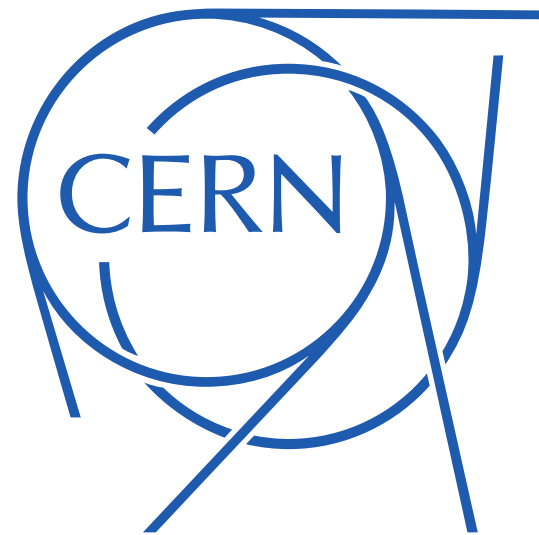
- OSG?
 - More concrete plans to stop running BDII's?
 - Commitment to provide WLCG with the needed information
 - Preferably in GLUE 2.0, but at least a clear interface/tool to get it
- EGI?
 - WMS still needed by a number of VOs
 - See EGI presentation next
 - And all the other services are GLUE 2.0 ready?
 - YES, except CASTOR at RAL
 - https://ggus.eu/?mode=ticket_info&ticket_id=117683
- In the meantime, I think WLCG could already move to GLUE 2.0
 - HOWTO to translate GLUE 1.3 queries to GLUE 2.0 queries, will this help?
 - I know this has been asked already, but this time I would like to request experiments to move to GLUE 2.0
 - Would it be possible?

Installed Capacities

- Review definitions
 - Work in progress in the ML
- Once definitions are clear...
 - Review of existing information providers
 - Review of existing site scripts/config files/recipes to publish GLUE 2.0
- The goal is to Identify whether information providers/sites are publishing values matching the definitions
 - Otherwise open GGUS tickets

Future Use Cases

- Document now ready in the WLG doc repo:
 - https://espace.cern.ch/WLCG-document-repository/Technical_Documents/WLCGFutureISUseCases_1.3.pdf
- There's general feedback on improving installed capacities
 - Let's focus on this future use case for the moment
 - Logical CPUs
 - HS06
 - What about storage?
- **REBUS++**
 - Able to consume GLUE 2.0
 - Able to validate information before it gets published
 - Include non MoU sites



Installed Capacities definition

Work in progress...

GLUE2ExecutionEnvironmentLogicalCPUs

The number of processors in one Execution Environment instance and available to jobs. Typically the number of processors seen by the operating system on one Worker Node (that is the number of "processor :" lines in /proc/cpuinfo on Linux), but potentially set to more or less than this for performance reasons

GLUE2BenchmarkValue

It is the HS06 value per single job slot when the max number of single core jobs allowed on that WNs is running. It may be the same as the number seen by the OS but it may be smaller.