

OGSA Information Services Call – Thursday July 3rd 2008

Present

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Purpose

As GLUE matures to provide resource information... we need to define an Information Services that supports a query interface to provide resource data to drive scheduling/selection decisions. Should data collection be push or pull? Can we now formalize this to support interoperability?

Discussion

Requirements: Need to support queries. Notifications desirable.

What is the granularity of the information – at the service provider level?

DF – Are we looking at two type of service? a service that is a directory of services or a service containing information.

What are other people doing – look at GIN pages -

<https://forge.gridforum.org/sf/go/doc14497>

LF – Taken MDS model to the limits and are now looking to rearchitect for additional scalability.

Should the information come from the BES? – Concern of the size of document (GLUE) that may have to be returned. Instead provide a pointer to a service that could provide it.

Requirement: BES provide an EPR to something that will provide the information. May be implemented by the BES service or somewhere else.

AG – Are we dealing with green field or brown field sites.

Interfaces – LDAP is the main production interface. Concern over the use of XML in production. SQL as known high performance.

What is the problem we are trying to solve?

Query to find where to run a job – from a JSDL document to find an endpoint.

LF – At what level are we looking at the information service?

Are we just shifting information about or are we providing a higher level application perspective? Does the service do matching or just retrieve data for others to process.

XML more verbose than relational model.

What sort of rate are you expecting... 200 queries a second not unexpected – and how much data will be returned.

Are the size of the query and the result the issue? Or the XML used to deliver/specify the result.

SN - Need to think about how intelligent the service is – for doing querying and result ordering on the service rather than shipping back intermediate results.

LF – Look at GLUE use cases to drive discussion -

<http://forge.gridforum.org/sf/go/doc14621?nav=1>

Next Meeting – Review GLUE use cases and other scenarios to drive what are the key problems we should be tackling. Same slot on July 17th.