

GGF9 OGSA-WG Platform Session

Oct. 08 2003, 10:00-11:30am Sheraton 4

Attendees: ??

Minutes: Fred Maciel

- Presentation by Fred Maciel of the OGSA service classifications (same presentation given in the first OGSA-WG session)
 - No questions
- Presentation by Fred Maciel on the relationship between CMM-WG and OGSA-WG.
 - Explanation of the mission of CMM-WG: manageability within OGSA
 - Explanation of the original target of the WG: the manageability foundation of OGSA, and showed its position on the service hierarchy
 - ♦ CMM-WG session on the previous day decided to move this work to OASIS WSDM TC
 - Explained new (temporary) work of the CMM-WG: to do a gap analysis between what exists in management space and what Grid needs and let the resulting work drive the next steps. This work is similar to what the OGSA mission is, just restricted to manageability, therefore related to OGSA-WG (comment by David Snelling: “sub-WG of the OGSA”).
 - No questions
- P2P (presenter?)
 - Focus of RG is traditional p2p: distributed computing, file sharing, etc.
 - Why care? Where are the synergies?
 - ♦ Many Grid features are getting p2p functionality.
 - ♦ P2p technologies are suited to grid
 - ♦ Lots of p2p technologies (distributed hash tables, etc) that are suitable as core OGSI / OGSA functionality
 - Producing requirements document, complete a draft by the end of November
 - ♦ Requirements: scalability (number of devices is very high), connectivity (non-uniform environment with hindrances such as NATs, etc.), security (peers don't trust each other), resource variability (machines, networks and other resources come and go, so “reliability” is low), locality and interactivity (important for p2p content delivery), group support
 - ♦ Q: “Can one build p2p apps on the Grid?”. Answer is apparently yes, but the infrastructure doesn't help. So hope to feedback requirements to OGSA
 - ♦ Q (Ian): It seems that some OGSI aspects (soft state lifetime, etc.) would be useful? A: Some aspects can be leveraged.

- ♦ Q (Alan Weissberger): On the workshop yesterday many differences were mentioned (Grid is centralized vs distributed, different infrastructure), but today's presentation mentions synergies. Isn't that contradicting? A: traditional grids is de-centralized, and management costs need to be minimized. P2p are good at that. P2p. Q: something you like to see? A: Yes. Ian: we are starting to see this.
- ♦ Q (Ravi): There is a middle ground: grids need to move away from centralized mechanisms. Perhaps they are trying to meet in the middle. A: Yes, there is a continuum.
- Dejan Milojicic (spell?) presentation
 - Appliance aggregation
 - Two use cases: mobile enterprise users (ease of use, zero configuration, ad-hoc aggregation) and medical use case (connection and disconnection)
 - Common issues: lightweight, exposing devices or not, where does p2p come in (on top of OGSA, or p2p implementation of services?)
- OGSA-WG future plans
 - GGF10
 - ♦ OGSA usecase doc: final call at GGF10
 - ♦ OGSA document: update at GGF10, perhaps final call at GGF11
 - ♦ Cross-WG sessions in GGF10 (perhaps more WGs or deeper discussions)
 - ♦ Spin off WG: logging system
 - ♦ Perhaps: first draft of roadmap document. David: anybody opposed? No.
 - ♦ Perhaps a primer document (not clear if needed). Jay's explains that given the nature of the OGSA document there is less need for a primer. David: a primer captures the decision-making process behind the spec, but the use case document does a part of that. Q: Ravi – having an annotated document would be the proper way to do it, but some people need to look at a document that explains in OGSA in a simple way. David: if the non-normative text gets too big, this could be true.
 - Call to action
 - Other discussions
 - ♦ OGSA branding explanation (Comment from David: OGSA doesn't have the authority for that)
 - ♦ Define a procedure for spawning sub-WGs and GGF WGs (Comment from David: this is an informal procedure)