1 Meeting Venue

The meeting was held during GGF 6 in Chicago (October 16, 2002, 6:30 – 8:00 pm).

2 Participants

~30 plus the co-chairs: Jon MacLaren, Volker Sander, Wolfgang Ziegler.
Notes taken by Philipp Wieder and Wolfgang Ziegler.

3 Agenda

1) Discuss the revised GRAAP-WG milestones.
2) Discuss web-page clarifications about the group and its purpose (2.1), including links to other GGF groups (2.2).
3) Discuss working definition of Advance Reservation.
4) Discuss revised document/additions to Advance Reservation State-of-the-Art Document (4.1). Get named contacts for each scheduler, so we can contact them directly to get this document into a useful state (4.2)...
5) Discussion of Use Cases. Construct initial requirements for the protocol, including a discussion on whether we need to do an exemplar Resource Description Language or not.
6) Anything else?

1) Discuss the revised GRAAP-WG milestones

The revised milestones have been accepted without discussion.

2) Discuss web-page clarifications about the group and its purpose, including links to other GGF groups

The web-page clarifications about group and purpose have been accepted without discussion.
The List of groups to link to was modified and contact persons have been assigned. Instead of OGSI the working group (WG) will link to OGSA which was seen as more appropriate with respect to its scope.

OGSA	Karl Czajkowski
GPA	John Brooke
GSI	Karl Czajkowski
CIM/JSIM	Jon MacLaren
SD	Wolfgang Ziegler

Contacts for DRMAA and NPI will be established using the sched-area mailing list.

3) Discuss working definition of Advance Reservation

The discussion about the terms “delegation” and “delegation domain” indicated that there is still need for further discussion and refinement. Following the meeting a) the GRAAP web-pages will note that this is an ongoing discussion and b) we will come up with a definition of “delegation” and resume the discussion on the terms through the GRAAP mailing-list. The goal is a common understanding of these terms.

4) Discuss revised document/additions to Advance Reservation State-of-the-Art Document. Get named contacts for each scheduler, so we can contact them directly to get this document into a useful state

No comments to the current version of the document.
State of the document: HTML and pdf versions of the current document are available on the GRAAP web-page.
Several volunteers to add missing information could be identified in the auditorium:

PBS	Bill Nitzberg
CCS	Volker Sander (pointer to someone in Paderborn)
GridEngine	Nathalie Furmento
Condor	Jim Pruyne (although AR does not seem to be a feature of Condor)

No further Schedulers were mentioned to be added to the list.

5) Discussion of Use Cases. Construct initial requirements for the protocol, including a discussion on whether we need to do an exemplar Resource Description Language or not

Volker Sander, Jim Pruyne and Stephen Pickles presented the use cases gathered so far (see the GRAAP web-pages for the slides). The use-cases illustrate several different scenarios for managing the allocation of resources.
Advance Reservation is necessary for many scenarios. A key issue here is the capability of the protocol to re-negotiate existing reservations (including forced re-negotiations).
There was consensus during the meeting that the presented scenarios are relevant for the derivation of protocol requirements. For now we agreed on completeness to start work on requirements.
Although the use-cases show a demand for a super-scheduler: the GRAAP working group will not build such a beast (but the protocol will support super-scheduling).
AR of Network QoS was discussed and considered within the scope of GRAAP.
Firewalls have an impact on the achievable services, but are not a manageable entity for now.
There is a need for a Resource Description Language within GRAAP and other working groups. Nevertheless GRAAP decided to postpone a specification of an RDL and to concentrate on the protocol requirements first. We have still time then to wait whether a suitable RDL emerges from the community.