MAGIC Meeting
September 6, 2006, 2:00-4:00
NSF, Room 1150

Attendance:

Ray Bair	ANL	bair@mcs.anl.gov
Peter Highnam	NIH	highnam@nih.gov
Keith Jackson	LBL	KRJackson@lbl.gov
Ken Klingenstein	Internet2	kjk@internet2.edu
Mark Luker	EduCause	mluker@educause.edu
David Martin	IBM	martinde@us.ibm.com
Ernest McDuffie	NCO	mcduffie@nitrd.gov
Thomas Ndousse-Fetter	DOE	tndousse@er.doe.gov
Mike Nelson	IBM	mrn@us.ibm.com
John Salasin	NIST	jsalasin@nist.gov
Kevin Thompson	NSF	kthompso@nsf.gov
Bill Turnbull	NOAA	William.T.Turnbull@noaa.gov

I. Action Items

1. The vice chairs will query the MAGIC group on what the focus and planned accomplishments of MAGIC should be for the next year or so.

II. Proceedings

This meeting of MAGIC was chaired by Kevin Thompson of the NSF and the Vice-chairs, Mike Nelson from IBM and Ken Klingenstein from Internet2.

Kevin Thompson noted retirement of Mary Anne Scott and welcomed the two new Vice-Chairs of MAGIC, Mike Nelson and Ken Klingenstein.

Mike Nelson (IBM) – stated that he has been involved in MAGIC for four years. He remembers in the 80's the important role that the Federal Networking Council (FNC) played in developing the internet. Given participation in MAGIC by the right people from academia and other places we can play an important role in the development of needed standards and in engaging the international community.

Ken Klingenstein (Internet2) – indicated that we have an opportunity to contribute to the international development of Grids. It will be more difficult in light of the budget situation. In earlier years the U.S. was clearly the leader but now other countries are spending more on middleware and grid technology and could soon overtake the US in developing these technologies. It will be a challenge for MAGIC to develop requirements in the U.S. before other efforts in other countries.

Focus topics for MAGIC

The MAGIC members discussed future topics for MAGIC to focus on, including:

- Federated identity

- Development of standards
- International developments and cooperation
- Increased representation from Federal agencies, commercial sector and university constituencies
- Metrics and measurements (added during the meeting)
- Public Grids being run by the private sector. Amazon and Sun should be approached to brief us on their status, issues, and current problems. We should discuss how research grids run by universities will be integrated into the public grids and what is meant by meaningful integration.
- Briefing on all federally run grids and their open problems
- Identify research issues being seen in the larger grid community such as interoperability issues, and gaps that can be addressed by MAGIC
- Solicit briefings from the international community on the problems and challenges of developing worldwide Grid communities
- Leveraging Federated identity with grid activities

MAGIC should discuss how agencies will spend their computing hardware dollars in the future and what models will be followed. MAGIC should address the hard questions and not just follow the trends. Grids are likely to follow the Internet model instead of the data center model.

Briefing on Service Oriented Architecture (SOA) –
        John Salasin of NIST, on detail from DARPA, provided a briefing on Service Oriented Architectures (SOAs). The briefing may be obtained from the MAGIC Web site.

Upcoming Meetings of Interest
September 14: IBM and Georgetown University are doing a half-day briefing on SOA

AI: The vice chairs will query the MAGIC group on what the focus and planned accomplishments of MAGIC should be for the next year or so.

Future MAGIC Meetings
        October 4, 2006, 2:00-3:30, NSF, Room 1150
        November 1, 2006, 2:00-3:30, NSF Room 1150