

Minutes
MAGIC Meeting
September 3, 2008, 2:00-4:00
NSF, Room 1150

Attendance:

| | | |
|------------------|----------------|--|
| Heather Boyles | Internet2 | heather@internet2.edu |
| Frederica Darema | NSF | fdarema@nsf.gov |
| Julio Ibara | FIU | julio@fiu.edu |
| John Jamison | Cisco | jojamiso@cisco.com |
| Ernest McDuffie | NCO | mcduffie@nitrd.gov |
| David Martin | IBM | martinde@us.ibm.com |
| Kevin McGratten | Cisco | kmcgratt@cisco.com |
| Grant Miller | NCO | miller@nitrd.gov |
| Thomas Ndousse | DOE/SC | tndousse@er.doe.gov |
| Mike Nelson | Georgetown U. | mnelson@pobox.com |
| Don Petravick | DOE/Fermilab | Petravick@fnal.gov |
| Don Riley | Un of Maryland | driley@umd.edu |
| Susan Turnbull | DOE/SC | susan.turnbull@ascr.doe.gov |

Proceedings:

This meeting of MAGIC was chaired by Susan Turnbull of DOE.

Action Items

1. Grant Miller will send an email to the MAGIC group asking who would like to participate in a subgroup to discuss definitions for distributed, cloud, and Grid coordination and to identify the role of MAGIC in these areas.
2. David Martin will provide the URL for an OGF paper on Cloud and Grid coordination.
3. Julio Ibara will provide the URL for the IRNC Workshop report that identifies networking resources available to support international science cooperations.
4. Grant Miller will put on the MAGIC agenda for the October meeting the topic of identifying activities for middleware at different levels supporting Grids.

Proceedings

Susan Turnbull: New MAGIC CoChair

Susan Turnbull was announced as the new CoChair of MAGIC. Susan, in addition to her vision, expertise, and knowledge, has an in-depth knowledge of DOE/SC collaborative R&D programs.

MAGIC Subgroup on Cloud, distributed, and Grid Computing

MAGIC members discussed initiating a new subgroup to discuss definitions of distributed, cloud, and Grid coordination and what the role of MAGIC should be in coordinating R&D programs in these areas. Frederica Darema and Mike Nelson expressed an interest in participating in this group.

AI: Grant Miller will send an email to the MAGIC group asking who would like to participate in a subgroup to discuss definitions for distributed, cloud, and Grid coordination and to identify the role of MAGIC in these areas.

AI: David Martin will provide the URL for an OGF paper on Cloud and Grid coordination.

Worldwide Research and Education Networking

Heather Boyles of Internet2 gave an in-depth briefing on international research and education networking and the cooperations that facilitate their development and use. The complete briefing can be found on the MAGIC Web site at:

<http://nitrd.gov/subcommittee/lsn/magic/index.htm>

International science and education cooperation are supported by National Research and Education Network (NREN) infrastructure and by policies for federation and identity management for collaborations over these resources. Internet2 has brokered cooperation among NRENs through the signing of over 50 partnership agreements with over 50 NRENs. These NRENs are located worldwide except in Africa where additional partnerships are being pursued.

The international cooperations provide interconnectivity, cross-domain network services and infrastructure, inter-domain control of dedicated paths, and support for international user communities: e.g., LHC, eVLBI, and Earth Systems Grid (ESG). The infrastructure provides reliable, uncongested shared Layer 3 IP, dedicated paths at Layers 1 and 2, and breakable testbed networks. Increasingly perfSONAR has been implemented to provide performance measurement within a network and across network domains.

The briefing also provides region by region infrastructure and resource descriptions.

Discussion among the MAGIC members indicated that a recent IRNC workshop provided documentation of international resources available for research cooperation.

AI: Julio Ibara will provide the URL for the IRNC Workshop report that identifies networking resources available to support international science cooperations.

AI: Grant Miller will put on the MAGIC agenda for the October meeting the topic of identifying activities for middleware at different levels supporting Grids.

LSN Annual Planning Meeting

The Large Scale Networking (LSN) Annual Planning Meeting (APM) is scheduled for September 9, all day at the NSF. The MAGIC agenda for the next year will be presented at this meeting.

Next MAGIC Meetings

October 1, 2:00-3:30, NSF, Room 1150

November 5, 2:00-3:30, NSF, Room 1150