

MAGIC Meeting July 11, 2012

Attendees

Gabrielle Allen	NSF
Bob Bonneau	AFOSR
Shane Canon	Berkeley Labs
Rich Carlson	DOE/SC
Liev Gregg	
Shantenu Jha	Rutgers Univ.
Dan Katz	NSF
Ken Klingenstein	Internet2
Bryan Lyles	NSF
David Martin	Northwestern University
Grant Miller	NCO
Mike Nelson	Georgetown Univ.
Manish Parashar	Rutgers Univ.
Don Riley	Un. Of Maryland
Dane Skow	NSF/OCI
Alan Sill	TTU
Von Welch	Indiana Univ.

Action Items

1. Von Welch will add a background section to the identity management paper discussing the need for federated identity and the need for life-cycle management of identity.
2. Ken Klingenstein and Von Welch will draft text of a MAGIC finding of the need to accelerate the adoption and ease-of-use of InCommon by virtual organizations.
3. Rich Carlson will draft recommendations and findings on identity management for MAGIC members to comment on. They will be discussed at the August MAGIC meeting.
4. Manish Parashar should circulate his paper on cloud and grid computing needs to the MAGIC Team before it is finalized.
5. Alan Sill will work with Cees DeLaat to address international issues at the SC12 MAGIC meeting. Dan Katz will talk to Cees DeLaat about participating and helping to organize the SC12 MAGIC meeting

Proceedings

This MAGIC meeting was chaired by Gabrielle Allen of the NSF and Rich Carlson of DOE/SC. This meeting discussed reporting progress on MAGIC focus topics to the LSN and identification of focus topics for MAGIC for FY13.

MAGIC Task Report

Manish Parashar and others prepared a report on identity management for MAGIC to present to the LSN. Von Welch will add a background section to this paper discussing the need for federated identity and the need for life-cycle management of identity.

AI: Von Welch will add a background section to this paper discussing the need for federated identity and the need for life-cycle management of identity.

Ken Klingenstein has a discussion of life-cycle issue for identity management that he has developed for the VAMP workshop. MAGIC should spur InCommon to make Identity management easier to use by the science community. MAGIC should develop a finding to accelerate the adoption and ease-of-use of InCommon by virtual organizations.

AI: Ken Klingenstein and Von Welch will draft text of a MAGIC finding of the need to accelerate the adoption and ease-of-use of InCommon by virtual organizations.

Comments included:

- Identity of the user institution as well as identity of the user is important
- Commercial and social identity providers are developing
- Scientists need batch and script-based identities in the command line
- Can we identify basic research challenges the commercial sector will not solve?
- How do we deal with policy issues?
- Risk assessment by science agencies is ad-hoc currently
- We need 2-factor identity with rule-based authentication
- There are two types of standards: technical standards such as SAML, ACL, and community standards such as best practices
- Attribute standards are needed. If there are multiple attribute providers, how do you choose the provider?
- Ken Klingenstein is writing a paper on good attribute selection
- Can we develop a single identity that can be applied in different contexts and different places?
- Privacy guidelines being developed internationally could be difficult for the U.S. science community to adapt to. U.S. ID management capabilities should conform to international policies for privacy to enable international collaboration.

MAGIC topics for the future that were identified include:

- For individuals needing international data sets, we should tag identities for that data set. Develop a solution that is uniform, comprehensive and international in scope. MAGIC can clarify the challenges and issues associated with this. Many previous solutions have been good but with only partial applicability. We should try to bring the community together to agree on a single set of solutions. We need to identify the research aspects needed to provide a uniform implementation of identity for international data sets. Federal agencies should develop a plan on how to address gaps in identity management.

AI: Rich Carlson will draft recommendations and findings on identity management for MAGIC members to comment on. They will be discussed at the August MAGIC meeting.

For MAGIC tasking last year, Manish Parashar developed a draft paper on best practices for cloud and grid computing and identifying issues requiring research.

AI: Manish Parashar should circulate his paper on cloud and grid computing needs to the MAGIC Team before it is finalized.

MAGIC identifies issues needing attention within the MAGIC purview. MAGIC representatives take these issues to their respective agencies to implement approaches to address these issues.

Future MAGIC leadership

Gabrielle Allen is contemplating leaving the NSF. MAGIC should consider Dan Katz as the NSF Cochair of MAGIC.

MAGIC at SC12

The MAGIC SC12 meeting is 1:30-3:30p on Wed, Room 250-AB

AI: Alan Sill will work with Cees DeLaat to address international issues at the SC12 MAGIC meeting. Dan Katz will talk to Cees DeLaat about participating and helping to organize the SC12 MAGIC meeting

Upcoming Meetings of Interest

October: E-Science conference of IEEE, Chicago

IEEE Computing in Science and Engineering Magazine – Special Issue on Cloud Computing in Science and Engineering - <http://www.computer.org/portal/web/computingnow/cscfp4>

Future MAGIC Meetings

August 1, 2:00-4:00, NSF, Room II-415

September 5, 2:00-4:00, NSF, Room II-415