



Operations, Management, Integration and Security (OMIS) Working Group Meeting

Heidi Picher Dempsey, BBN

Matthew Davy, Indiana University

Jon-Paul Herron, Indiana University GRNOC

Kevin Miller, Duke University

Stephen Farrell, Trinity College Dublin

Keren Bergman, Columbia University

Michael A. Patton, Network Consultant

All

Q&A

Heidi Picher Dempsey

Welcome and Charter summary

Operational support for research networks--lessons from other testbeds

Data collection, monitoring and support: NLRview experiences

Aspects of authentication and authorization

Security and Public Key Infrastructures

Discussion of some cross-layer questions from the GENI optical workshop

Network engineering questions
Key GENI Operations Functions,

Summary, Thursday meeting?

Close



Operations, Management, Integration and Security (OMIS) Working Group Meeting Organizational Info

Overall Working Group Information
OMIS Charter

<http://www.geni.net/wg/wg.html>

<http://www.geni.net/wg/omis-wg.html>

- Working Groups work with GPO and GENI Engineering Architect
- Working Groups will have at least one chair and one system engineer
- Working Groups have technical deliverables
- GPO solicitations for operations topics need working group input
- Important Timelines: prototypes in 1 year, CDR in spring 2008,

Contact Aaron Falk <falk@geni.net> for overall working group questions.



More Questions

- Managing federated and contracted infrastructure to meet service requirements
- Managing through spiral development
- Scale
 - thousands of projects and researchers
 - 1000 simultaneous experiments
 - many federated organizations and “legacy” Internet peering
- End-User opt-in--operations and support implications
- Security policies and monitoring with federated organizations--data sharing and access control
- Managing slices--what interfaces are needed, what is user/operations functional division, what sort of out-of-band connections
- Data collection, archiving, and access--sharing with researchers
- Metrics--slices vs. overall network, defining metrics for diverse services
- Incident Response