Ohio Valley Internet2 Consortium Meeting
October 6, 2005

In attendance: Robert Agnew, Paul Albert, Ken Bailey, Nancy Drugan Koehler, Dorinda
Giles, Mark Faulkner, Larry Fox, Dorinda Giles, Liz Hart, Bob Hogle, Clark Hoopes,
Charles Morrow-Jones, Peter Murray, Diana Noelcke, Mimi Porter, Chet Ramey,
Douglas Robertson, Dave Rotman, Bill Schmoekel, Paul Schopis, Jim Shaffer, Pankaj
Shah, Greg Slaby

Agenda
1) Call to order
2) Approval of minutes, call for old business
3) Report of Internet2 FMM
4) Update on FY06 budget
5) Report on Internet2 and intra-Ohio traffic
6) Report on SEGP member pricing
7) Report on committee to consider CIM
8) New Business

Motions
1. Mark Faulkner made a motion to approve the minutes and Chuck Morrow-
Jones seconded the motion. The motion passed unanimously.
2. Mark made a motion that the issue of the three traffic models be presented to
OSTEER and asked for a subcommittee to be formed with involvement by
Internet2 members as well as OARnet. Paul Albert seconded the motion. The
motion passed unanimously.

Action Items
1. The subcommittee will be asked to consider this additional information
regarding CIM and OneCleveland.
2. The SEGP pricing committee will use this information in making their
decision regarding pricing. The SEGP pricing committee will meet soon.
3. The subcommittee considering the pricing for additional SEGP bandwidth for
CIM will be asked to consider the offer by OneCleveland for CIM and
offering .
4. Paul Albert, Mimi Porter, Chuck Morrow-Jones, Mark Faulkner, Paul Albert
and Paul Schopis have formed a subcommittee to follow the merger of
Internet2 and NLR and explore connectivity options of that merger. There
will be a call prior to the beginning of December.
5. The next meeting will held on February 16, 2006.

Approval of minutes
Mark Faulkner made a motion to approve the minutes and Chuck Morrow-Jones
seconded the motion. The motion passed unanimously.

Report of Internet2 FMM

Mark and Chuck reported that there was discussion of the merger between Internet2 and NLR. The outstanding merger issues surround governance, membership and AUP. If the merger committee is unable to come to agreement, the recommendations of the Group B report will be followed; that is, both original boards will be merged for a total board of approximately 40 people.

There was good participation from Ohio at the meeting. Paul Schopis made three presentations. Linda led a meeting. U of Akron reported on the Exercise on Hard Choices.

There is a committee investigating what the Internet2 regular members are responsible for in terms of their last mile connection to Abilene including what can be expected in terms of campus bandwidth, bandwidth to the desktop, etc. It is expected that the committee will report back at the spring meeting.

Update on FY06 budget
Liz reviewed the budget.

Report on Internet2 and intra-Ohio traffic
Paul Schopis indicated that there are three basic models of traffic management. The first of these is the strict method—it is not possible to burst between or among the categories of Internet 1, Internet2 and intra-Ohio. The second of these is the loose method that would be especially relevant to the regular members of Internet2; that is, it would be possible to burst between intra-Ohio and commodity or Internet2. The third of these is the very loose method and applies only to members with T1 circuits and would allow bursting among the three categories (Internet 1, Internet2 and intra-Ohio). The third model does not require that all schools have connectivity to Abilene—if there is no connectivity to Abilene, there would be bursting only between Internet 1 and intra-Ohio.

Paul made a point of clarifying that traffic between two Internet2 institutions within the state of Ohio uses intra-Ohio bandwidth rather than Internet2 bandwidth.

Paul indicated that jumbo frames are turned on throughout the entire state.

Paul explained that eTech (K12 and OET organization) runs on a separate network so that traffic doesn't use intra-Ohio. There is discussion of peering at layer 3 with eTech.

All three of the models described by Paul are used currently in the TFN. It varies from campus to campus. It takes more work to maintain and it is more complicated to engineer all three models.

Mark made a motion that this issue be presented to OSTEER with a recommendation to ask that a subcommittee be formed with involvement of the OSTEER community including Internet2 members as well. Paul Albert seconded the motion. The motion passed unanimously.

Report on SEGP member pricing
A survey of various pricing models for the SEGP was sent to the non-regular Internet2 member schools. Those schools already participating in the SEGP were in favor of a higher membership rate and a lower per mbps rate while those schools not currently participating in the SEGP were in favor of a lower membership rate and a higher per mbps rate. The SEGP pricing committee will use this information in making their decision regarding pricing. The SEGP pricing committee will meet soon.

Report on committee to consider CIM
Pankaj indicated that OneCleveland has offered to provide last mile connectivity to CIM as a pilot project. OneCleveland also indicated that they would be willing to purchase an amount of Internet2 bandwidth to aggregate for those connected to Abilene in the Cleveland area. OneCleveland would be provided with an Internet2 connection only. The subcommittee will be asked to consider this additional information regarding CIM and OneCleveland.

New Business
The next meeting will held on February 16, 2006.

Mark Faulkner made a motion that a subcommittee be formed to follow the merger of Internet2 and NLR and explore connectivity options of that merger. Paul Albert, Mimi Porter, Chuck Morrow-Jones, Mark Faulkner, Paul Albert and Paul Schopis will have a conference call before the beginning of December.