

**Minutes of the Information Resources Advisory Committee
October 15, 2004**

Present: David Anderson, Chair; Tom Bressoud, Joe Fleming, Mike Frazier, Aaron Fuleki, Tim Miller, Seth Patton.

The minutes of the October 1 meeting were approved.

Mike Frazier reported that the telephones and cable are still working! He also reported that 120-125 new telephones will be added to the campus system as part of the two new residence halls under construction.

Joe Fleming distributed a list of items from computing, including a report on the post-mortem meeting with vendors for the e-mail solution and a firewall installation and cutover scheduled for October 23. He was asked about issues some administrative users are experiencing with Banner and some issues in the library with IPrint. ComServe is aware of both issues and is working to resolve them.

Joe then presented ComServ's plan for addressing internet slowness by means of bandwidth management. There is an important piece of new information, which is that we can use the same utility (a rate-limiting software) that OARNET uses to cap bandwidth to their member institutions to cap bandwidth use on our campus. So, the proposal, which consists of a series of sequential steps is:

1. upgrade the campus firewall on 10/23 as planned, which will reduce the possibility that the firewall will become a bottleneck in information flow.
2. during the workday, invoke bandwidth caps using the rate-limiting software on the student residential subnetwork, initially setting the cap at ½ of the capacity available.
3. within weeks, invoke the bandwidth quota system for individual IP addresses utilizing Packeteer.
4. communicate the strategy to the campus.

There was a lengthy discussion of the proposed strategy, focusing especially on step 2, which would be applied across the board on the ResNet and thus affect all users equally rather than targeting abusers. Members of IRAC were persuaded that Step 2 is an interim step until step 3 can be implemented, and the expectation is that it will not affect the work of any legitimate academic project. At the end of the discussion this proposed strategy was recommended for implementation by IRAC. The next step is for Joe Fleming to draft a message to the community explaining the reasons for the strategy and how it will work.

There was a brief discussion of where to target bandwidth as ComServe prepares its budget for next year and assuming Denison is connected to the Thurd Frontier Network by that time. The recommendation of IRAB was to target 39Mbps at a total annual cost of \$68,842.

IRAC meets again in one week's time in the same place to receive the reports on quotas and to develop its list of strategic issues to discuss this year.