OARnet Technical Committee (OarTech) Minutes

10:07 AM 6/9/99

Bill Mayhew called meeting to order

Around the table introductions made - 27 attendees

Minutes were accepted by unanimous consent

Bill Mayhew - Report from retiring OARtech chairperson.
Bill thanked the OARnet staff for all their help
Bill reviewed OSteer Powerpoint presentation
- Directions for 1999-2000
  - CATV and POTS technology
  - Measures of network capacity
  - Emergence of the Commodity LAN
  - Pressure from free software on inexpensive hardware
  - Internet Law
  - 11:30PM peak in circadian rhythm
- Re-using Technology
  - Is convergence good?
  - New uses for existing wire structures
  - Matching devices to purposes
  - Crafting the interface
- Measuring Network Capacity
  - Pressures from inside campus
  - Pressures from the world at large
  - The OARtech White Paper
  - The OARnet survey
- Emerging Commodity LANs
  - Phone wire piggy backs
  - Wireless devices
- Free Software and Cheap Hardware
  - Capacity Pressures
  - Inexperienced users
  - Loads on Help Desk
  - Need for security
  - Unfamiliar software introduced
- Internet Law
  - Security, Accuracy, Privacy
  - Identifying risks

        Policy in place and publicized
        Policy enforced
        Problems due to international scope
    11:30PM Peak Time
        Have capacity where you need it
        New roles from Resident Advisors
        Help Desk hours shift

Nomination and appointment of new officers.

David Leitch (DeVry) nominated for Chairperson
Unanimous voice vote given
Passing of the OARtech Ceremonial Transceiver

Pat Vendt nominated for Vice-Chairperson
Unanimous voice vote given
Passing of the OARtech Ceremonial Vampire Tap

OARnet thanks Bill Mayhew for his devotion and service during his two-year
Chairmanship

OARnet staff report / question & answer period.

Doug Gale - OARnet
Abeline Test And Evaluation Center proposal
    Preproduction testing of technology
    Provide second-level NOC
    Look at emerging technologies
    Abeline Committee still evaluating the selections
OSteer Committee Rate Structuring
    Current rate structures weren't working for T3 lines
    Some users were subsidizing other users
    Two options:
        A. Tiered service with capped bandwidth at the router
        B. Burstable service - paying for what you use monthly
            Measuring would occur using the 5 minute average,
            throwing out the top 5 samples and counting the 6th
            sample as the average
    Rate Structures were developed looking at other ISP's
        Burst Service will be twice the rate of Tiered service
        Costs will be announced by OARnet
        Internet2 schools will see no change by this model
Review of OARnet Survey Results

See attached handout of tables
Floor opened for questions
OARnet is considering "Around The State Regional Workshops"
    Would cover basics of the technology
We could also incorporate the workshop materials into OARtech meetings
    during the coming year (for suggestions/input from members)

Gene Wallis - Update on Monthly Traffic Measurements
    More than double bandwidth utilization during the past year
    Map of DS3+ Connections - No 56K connections left
    UC became first "official" Ohio member of the Abeline network
    Map of OARnet backbone - 1999
    Chicago POP service should start by Fall '99

Bill Miller, OARnet - CourseInfo Web-Ed system.
    See Attached Handout
    Web based products to enhance teaching and learning
    "Blackboard CourseInfo" - Online at OARnet for our clients
        Originally developed at Cornell Univ
        Faculty-friendly product
        Short learning curve
        Not tied to textbook or publisher
        Flexible with differing platforms
        Works will all browsers
        Good support and help
    Faculty can control:
        Student Tools; Homepage, Grades, Calendar, Manual, Announcements
        Threaded discussion groups and real-time chats and white boards
        Faculty can setup mailing lists and groups (mini-listserves)
        Audio/Video, Spreadsheets, Search Engines, Surveys, Testing,
        Data Measurement
    Students can track their own grades - System can auto-grade tests with
        immediate feedback and lockout the retries.
    Demonstration of live system - http://courses.oar.net/

    Web request form can be filled out by faculty for permission to use
    the board
    Announcements - Course Information - Staff Information - Course
    Documents
    Assignments - Communication - External Links - Student Tools - Resources -
Search

    http://www.blackboard.com/ is the home page for the software

     Schools are free to use the system at OARnet before schools purchase it
     Academic Pricing is $5000.00 per server/per year

Lunch Period

Kent State ResNet conference reminder
See the Kent State web site for schedule of events
http://www.res.kent.edu - June 26th through June 30th

Greg Germane, OhioLINK - report, conferencing system.
OhioLINK will have over 2 terrabytes of storage soon
Gopher service will "die" July 1st
Patron Authentication is up and running
Ohio Link can connect to any database for passwords at each campus
Demo of new VTel LT5000 Conferencing System
     $80,000 pricing after adding options

1999-2000 White paper discussion.
Discussion of current White Paper is planned for August meeting
New White Paper to be published (perhaps) in October

Ameritech DSL Representatives may attend our October meeting. They cancelled out
     on the June meeting.

Old business. - None

New business. -
     Members should be thinking about a "presenter" from their campus -
         Attend a future OARtech meeting
         Present your campus structure and new technologies

Motion to make 3 left turns - approved
Meeting Adjourned - 1:52 PM 6/9/99

Respectfully submitted,

<signed>

David J Leitch
Vice-Chairperson, OARtech

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