

October 8, 1997

Oartech minutes for October 8, 1997

Bill Mahew opened the meeting at 10:00. The attendees introduced themselves. Bill's opening remarks were about the Oartech white paper, it's purpose, and intended audience. THE minutes were ammended at the last meeting, and should be finalized today. Most OARnet staff is at the I2 conference in Washington DC.

10:10 Meeting notes from the August 13 meeting were unanomously accepted

10:15 White paper reading, final changes
A motion was made to strike the 16 MB min, change to 32 MB min. memory for new workstations.
The pentium and powerPC specifications were appended to allow other chipsets (cyrix, etc.)

User workstations - video change - added VHS to item 5.
section 2 item 4 - PPP is only remote access, slip is dropped.
changed min modem standard to 28.8, V34bis
section 2 item 5 - Bill re-wrote portions of wording to clarify
access to licensed products.
section 2 item 6 added after last comma
section 2 item 7 - added comment about cat3
section 2 item 10 requires sufficient, adequately trained support staff
section 2 item 11 slight verbage change
Appendix - added OARtech description, possibly Ohiolink TAC.
footnote 10 - strike after 2nd setnence.
further discussion tabled until next meeting

A discussion ensued over the origins of the white paper. It was requested of Oartech by Osteer for OhioLink. Major authors were Pat Vendt and Deb Keller.

10:40 Ohiolink update

Anita cook - move to OSC was successful, higher bandwidth.
new ISI system up, 70 GB fo disk, 1 year late, some performance problems
now on a Dec 4100
New machine is being worked on,a 4100,with 2 466MHZ alphas/ 512 MB each,
ulta scsi discs, etc for fulltext journals from Elsevere, Academic press.
The system should be operational in early 98

Ohiolink will be moving reference databases from ovid,etc (29 total) to new
hardware, implementing new search engine, etc.

New platforms will NOT support VT-100 ****
support ends in 98 as systems are moved over.

Ohiolink will be hiring a systems developer, and
reviewing RFP's for multimedia, and imaging.

10:50 OARnet update

Ruth Crites, SOMACS orders are slowing down, but we are still experiencing
the same problems - lines go in, don't work.

Ruth recommended sites use mail aliases for oartech list
OSTEER wants copy of our agenda each meeting

11:00 Dennis Walsh - LCI account manager

Dennis Walsh gave copies of his slides, gave LCI history, data.
management from MCI
marketing info, financial
competes with Sprint, MCI, ATT
Voice offers VPN, 800#'s voice response, smart cards, etc
Data offers frame, x.25, cell relay, ATM, leased lines, moving from leased.
also, ISDN, faxon demand, bcast fax over net,
customer base list
showed net map

SOMACS info 1700 T1's, 5 OC-3's installed to date
K-12 potential 5000 T1's
state of Ohio is planning a large Video Bridge, OSU hospital, remote sites
also has a video bridge
There are currently no video standards for state-wide connectivity, schoolnet

video RFP was dropped, different vendors equipment doesn't interact well,
DAS should be in charge of this. possibly
Ohio post secondary telecommunications council (OSTEER group)

Adding web-based ordering to somacs soon.
SOMACS has 11 sonet rings installed - athens, BG, oxford, columbus. cleveland,
cincinnati toledo, akron, ? ? ?

weakness = "meetme point " where to carriers rings meet.
OC3's CWRU, NASA, to MCI in North Royalton, cols-cleve
cleveland, columbus, athens rings OC-12 2 OC-48 rings in cols
state offices - video, T-1 links

new telecom act of 1996 - universal fund - K-12, libraries, hospitals
being subsidized 10-90% (t-1 access, cabling, etc), based on school
lunch program? 2.8B total (Snoe - rockefeller bill)
Phil Skinner from OSU hospital - rural hospital telemedicine apps

fast packet overview

future info - LCI frame oversubscribed 200%

12:00 Break for lunch

1:00 OARnet stats info - Fred Crowner

Fred talked about web stats program. attacks
"smurf" attacks = ping from " broadcast"
syn attacks are down, solaris patches for 2.5.0, 2.5.1 prevents syn attacks
patch 5.0, 5.1? separate queue for connection set-up
DS-3 to lexington in, cols, akron, cinnci, toledo, dayton now redundant links
atm director (cisco) doesn't handle well. Athens doesn't have redundant path
available yet.
At OSTEER, request (by Ray Neff) to back up maintence window from 7:00 am
to 5:00am.
Y2K issues, not affected - cisco routers IOS 11.0 and above is o.k.
OARNET is running 11.1(13) possible problem - cisco secure tacacs software
has some bugs.
Cisco has a Y2k compatiblity chart on their web server.
Pete Murray had some topology questions

Chicago SOMACS DS-3 going in, replaces DS-3 to CICnet (down Sept 1) from Toledo to chicago NAP by Jan 1?

Pete asked a peering question, fred didn't know, still being looked at.

vBNS needs 1 signature to be complete, MCI is possibly slowing down, may not have available BW. Oct 17? doubtful

Fred showed the TrendSNMP stats pack, web access.

need username, passwd to login, get to report search

you can view report lists, but reports come out in gif currently,

will be ascii, or html tables some time in future.

note: T1 is full duplex

needs stats for incoming, and outgoing traffic.

can do charts, % of available BW used, weekly, monthly, yearly (future)

trying to get some basic stats set up by thanksgiving.

1:50 open forum

Patty asked about what people did for dorm installs - numbers, %'s, problems etc.

Elliot Jolesch (oberlin) resnet - 100% utilization, ports default off until student registers looking to set up for self-activation some labeling problems, problems when student moves 800 out of 2000 students on line

Lab max of 4 hours per machine (problem machines getting hooked up) students not charged, ip address stat to room, ports address locked

Spectrum element manager has problems with sehi hubs working on tightening up policys.

Loius Dreblow (Muskegum) - wants to start discussion

Dennison used vendor to help install nic's in pc's for students use 3com hubs, use transcend mgmt software, do port locking, will be going to DHCP

Toledo had problem using DHCP for macs - don't keep lease?

Kent state using DHCP staticly (like bootp)

Cinncinati asked about security issues - studnets causig problems after

Bill Mayhew (NEOUCOM) talked about net xray - basic protocol levels (%)

won't do full decodes

Dennison asked about sniffers - net xray was brought up, sniffer

Elliot asked about wireless - Bill mentined CDPD. speed ? Pat Limpach mentioned laser and microwave, but both have weather problems.

2:50

Bill motioned to close the meeting.

Patrick Limpach Never mistake activity

CWRUnet Network Manager for action.

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