

Midwest Internet Coop Exchange UG43 Minutes

Meeting called to order Wednesday, April 19th 2023 at 15:07pm CST
Ridgeview Data Center 12450 Wayzata Blvd. Suite 315 Minnetonka, MN 55305

Roll Call

- Number of Voting Members in Attendance: 16 of 133
- Number of Non-Voting Participants in Attendance: 0
- Number of Pending Connections in Attendance: 0
- Number of Guests in Attendance: 2

At least ten members in attendance, quorum attained. See roll call sheet for further information

Approval of Minutes

Motion was made by Jay Hanke (SouthFront) to approve minutes from UG42, seconded by Jeremy Lumby (MNVolP), minutes were approved unanimously.

Financial Report

- Current cash assets on April 19th 2023: \$639,139.63 in Old National Bank.
- The board is looking at options for getting a higher rate of interest on our deposits, likely short-term CDs or other options that will continue to prioritize safety over maximizing yield.

Board of Directors Report

- Disconnections: Minnesota WiFi (393455)

Tech Committee Report / Ongoing Business

Switch to IXP Manager/arouteserver/IRR Enforcement: Servers are configured including the new hardware in RidgeView. The plan in coming months is to convert one of the current route servers, talk to any members who are having problems of any kind with that converted server, and then after some reasonable amount of time for members to make adjustments as needed the last original server will be converted.

Along with the new server hardware the new MICE switch is also up and running at the Ridgeview data center, at this time only 100G ports are available but 10G ports via breakouts will be available in the future.

The initial direction for the 511 building to Ridgeview switch link has been to use PAM4 optics, initially at 300G with a spare (so 4 channels total) at a cost of about \$20K. If traffic levels at Ridgeview grow that setup will likely just be a short/medium term solution so there was discussion about other ways the group could achieve similar bandwidth without capital expenses. The distances are a bit too long for simple LR4 optics, and the group felt that 200G was almost certainly insufficient for our near-term needs given the members expressing interest in adding links there in 2023. If bandwidth grows our long-term plan would probably be optical gear serving 400G/800G per fiber pair, but at considerable expense so the group is hesitant to purchase those systems initially. After some discussion the group consensus was that the initial PAM4 plan was our best move because of its simplicity and short lead-times, even if it turns out to be a short-term investment.

Next Meetings

Jay Hanke (SouthFront Networks) is planning on hosting a Midwest Peering summit again in Des Moines the last week of July, the group felt this was a good match for our summer event/meeting. Details will be posted on our mailing list.

Our fall meeting will be 3pm Wednesday October 25th
University of Minnesota

Meeting adjourned by unanimous consent at 15:15pm CST