

Midwest Internet Coop Exchange UG42 Minutes

Meeting called to order Tuesday, January 10nd 2023 at 15:00pm CST
Information Technology building, 2218 University Ave SE, Minneapolis

Roll Call

- Number of Voting Members in Attendance: 15 of 132
- Number of Non-Voting Participants in Attendance: 0
- Number of Pending Connections in Attendance: 1
- Number of Guests in Attendance: 1

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 UG41, seconded by Jeremy Lumby (MNVolP), minutes were approved unanimously.

Financial Report

- Billing as of the end of November 2022: \$196,705.02 in port fees billed, compared to \$140,393.83 in 2021, most of the dollar increase is in 100G port fees but 10G port fees are also up.
- Current cash assets on January 9th 2023: \$447,860.18 in Old National Bank.
- Expenses as of the end of November 2022: \$556.50 in Legal fees, \$5820.40 in Accounting/Bank Fees, \$31,931.77 in Equipment/Maintenance.

Dave Farmer (UofM) made a motion to approve, and seconded by Reid Fishler (HE)

Board of Directors Report

- New Members: FlexNetworks (19523)
- Pending Members: Data Stream (54502), INCX Global (13737), KC Fiber (11708), Qwilt (20253), UnitedHealth Group (10879), Wholesale Internet (32097)
- Disconnections: Minnesota WiFi (393455)

Over the past several years as traffic levels and the importance of MICE has grown many members have expressed a desire to have a secondary location to connect to MICE in the Minneapolis/St Paul area that didn't rely on a remote switch operator. The board has reviewed several options and proposals and has entered into agreements to put a second MICE switch in the Ridgeview datacenter in Minnetonka. The second switch is on-hand now and will be identical to the 511 building core switch. We will have a dark fiber connection between the two locations, details of the speeds and optics for the interconnections are being researched. This site will also allow us to have better physical redundancy for our route servers - which has been another goal for many years. There was some discussion about members using MLAG for redundancy, the group is currently leaning toward a VXLAN-style solution since Arista's MLAG is intended for situations where the two central devices are in close proximity. It was also emphasized that MICE does not offer VLAN services so these configurations would be for redundancy/failover and could not be used for a member's site-site transport. Several

items are on order have lead times, but most are 4-6 weeks, so we expect the new site to be operational within a couple months.

Tech Committee Report / Ongoing Business

Switch to IXP Manager + arouteserver: Server Hardware Replacement: Servers are mostly configured; at this point we just need to cut over and adjust our processes. Initial plan is to get a test route server setup, after some soak time we'll cut it in to replace one of the existing servers and then after a bit more time cut over the second router server. There was a bit of discussion of BIRD server version, the group felt that version 2.x was our best move - although it was noted that there isn't a lot of consensus in the larger IXP community.

IP Renumbering: This will probably be the next big project we work on once the current batch is done; growth has slowed so the need isn't immediate.

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.

Our next meeting will be 3pm Wednesday April 19th at the
Ridgeview Data Center 12450 Wayzata Blvd. Suite 315 Minnetonka, MN 55305

Meeting adjourned by unanimous consent at 14:03pm CST