



MICE

MIDWEST INTERNET COOPERATIVE EXCHANGE

Midwest Internet Cooperative Exchange

- * Purpose
- * History
- * Services
- * Networks
- * Progress
- * What's next

Purpose

- * To improve Internet connectivity, increase performance and reduce cost by keeping traffic local in the upper Midwest

History

- * Steve Howard, Paul Bunyan Telephone, and Jay Hanke, Mankato Networks talked about workarounds to the “Chicago Problem”
- * The only viable solution is to create an Internet Exchange Point in the upper Midwest
- * After leaving the meeting, a LinkedIn group was created an invitations were sent out to our connections

History Part 2

- * An informal meeting was scheduled July 29 and a steering committee was appointed (Dave Farmer, Mike Horwath, Jay Hanke)
- * The steering committee created an Operations and Technical committee
- * FWR Communications donated space and power in the 511 building in Downtown Minneapolis
- * CNS and ipHouse donated use of switching hardware

Services

- * Bilateral peering- traffic exchanged directly between two members of the exchange over the shared exchange fabric
- * Multilateral peering- Traffic exchanged directly between members wishing to peer directly with any carrier
- * Direct CDN access- initially Akamai working on Limelight and Google

Networks

LOI received

- * ipHouse
- * Avant Garde
- * Twin Cities VoIP
- * myTelepath
- * Cooperative Network Services
- * WIN

Interested/Meeting Participants

- * Enventis
- * Zayo
- * SDN
- * SHAL (Windstream)
- * TDS/Visi
- * CDW
- * U of M
- * Citilink
- * Selloxx
- * Jaguar Communications
- * New Ulm Telephone

Progress

- * Minnesota Non Profit LLC created
- * Space and Power agreements signed
- * Power is installed
- * Switching hardware ready to be installed after power

What's Next

- * We need IP address space!
 - * Hoping for donation of cash to acquire IPv4 and IPv6 space from ARIN
- * Route Server
 - * We have commitments to donate two servers for use as route servers, we need IP address space and ASN assigned before deployment