NTAC Peering and Routing Working Group
08/18/2020 Call Notes

1. Agenda Bash
   a. Steve Wallace: ARIN's waitlist for IPv4 addresses
2. Update on peering and I2PX
   a. Jeff Bartig: Nothing new since NTAC call.
   b. Proposal to upgrade many Peering Exchange ports from Nx10G to 100G. 3 are at 100G, this would upgrade others. LA, Dallas, NY likely locations.
   c. Working with Oracle cloud for capacity augment on east coast. Currently at 2x10G; now not sufficient with Zoom. Oracle is currently on 100G, so will be going with a 2x40G LAG. Have had to shed traffic.
      i. Bill Owens: How is this bring done: To shed traffic, have been removing prefixes advertised as things get busy.
      ii. Michael Lambert: Is this via systematic means? Not really. Best we can do until xc's in place in the next week or so.
      iii. Dan Schmiedt: any sense as to whether or not zoom is aware of potential traffic from campus residence halls? Jeff Bartig: not specifically, but they have handled growth well, but they do this via expansion into cloud datacenters.
3. Network Weather Update- Trends and coming events
   a. Start of classes. Large amount of zoom traffic. Seem to have large uptick in traffic in home broadband providers. Michael Lambert: Any sense of how much Teams traffic? Bartig: not currently but may be able to break out via Deepfield analysis system. Parts of Microsoft still in R&E. Microsoft has had a 100G shortage but now has ports and will be turning up these, then turning down R&E peers.
   b. Any update on peers to home ISP's? Most of this is via PX augments.
   c. Jeff Bartig: does indeed see video conferencing traffic loads on Microsoft peers.
4. I2 Network update
   a. Chris W. has been busy with optical deployment. Scott has been focusing on packet RFP. Working with contract issues with one of the vendors. Announcement will be made soon. Working on deployment plans for winter and spring.
5. Steve Wallace: IPv4 waitlist for IPv4.
   a. Got note that anyone that is qualified and can demonstrate a genuine need for v4 address space will be allocated a /22. ARIN is prepared to hold a webinar for I2 members. May need help from connectors and regionals to get the word out. When? Will probably try to put something together sooner than later.
6. AOB?
   a. Bill Owens: Many announcements about colleges and universities cancelling classes. Discussion of campus COVID issues.