

NTAC Peering and Routing Working Group

11/16/2021 Call Notes

1. Agenda Bash
 - a. Farmer: what happened at NANOG
2. Update on peering and I2PX
 - a. Bartig: Still mostly focused on NGI. Peers at LA still being migrated. 10G peers are migrated on L3 but still have XCs to get them into new cage. Working on public IX connections. Majority have been ungraded to 100G.
3. Network Weather Update – trends and coming events
 - a. Have been seeing increased traffic on I2PX this fall. I2 tracks PetaBytes moved – by that measure I2PX has broken all records. Not aware of any specific events, although there have been some game releases that have contributed to some peaks.
 - b. Brock: are we still below COVID bar? Bartig: still below, but catching up quickly.
 - c. Farmer: is this due to peers moved from R&E to I2PX? Eg, Microsoft. Bartig: likely a significant contributor. Total MS traffic has decreased though, as not all organizations properly pref I2PX for MS to take that path.
4. Internet2 Network update
 - a. Bartig: Migrations to NGI are wrapping up. Just a couple of corner cases to wrap up. Decom of MX960 network has begun.
5. AOB?
 - a. Farmer: NANOG was in Minneapolis two weeks ago. About 300 attendees in person, 300 remote. Was interesting to see people in person. TELIA now peers with Cogent in Minneapolis in addition to L3/Lumen. Lumen did a presentation called “Deeper Peering.” Talks about benefits of peering in cities like Minneapolis. Might be good for I2 to look at deeper peering in some situations. Lumen has completed its transition to AS209 to behind AS3356. Means that for UM, CenturyLink broadband no longer has to go through Chicago. “Deeper peering” generally means deeper than 8-9 IX peering points. Dave will send the presentation to the list as well as a youtube link to the talk.
 - b. Comcast Outage: Bartig: did not seem to have significant impact on I2PX. Others did not see significant impact with some small exceptions.
6. Adjourn at 4:20EDT