

NTAC Peering and Routing Working Group

9/17/2019 Call Notes

1. Agenda Bash
 - a. Jeff Bartig noted that the Peering & Routing community survey was sent out. Will discuss under AOB.
2. Update on Peering and I2PX
 - a. Jeff Bartig:
 - i. Start of semester traffic is up as expected.
 - ii. Peering: have approval to upgrade Equinix peering links to 100G at all sites. Working in order: Chicago, Ashburn, then LA.
3. Network Weather Update; trend and coming events
 - a. Jeff Bartig, coming events:
 - i. Start of semester traffic.
 - ii. On verge of Apple software updates, most likely.
 - b. Bill Owens: NYSERNet has increased peerings and has seen nearly doubled peaks from 60G to 100G.
 - c. Jeff Bartig pointed out that from the standpoint of NYSERNet, this is traffic that has previously been carried by transit providers.
 - d. Dan Schmiedt: Clemson has seen ~10% increase in traffic over last semester.
4. I2 network update
 - a. Decommissioning of Juniper MX960 at Chicago.
 - b. Team in NY is migrating MANLAN off of Brocade MLXe to pair of Juniper QFX 10002's. Migration is currently underway, completing tomorrow morning (10/18).
5. I2PX community stripping/AS-Path Maximum
 - a. Workaround has been implemented on peers into I2PX to avoid triggering a Juniper bug. Code update from Juniper expected this fall in the appropriate code train.
 - b. Any more specific timeline? Expect it by the end of September.
6. AOB
 - a. Survey email went out earlier this week as a result of discussions in this working group.
 - b. Tony Brock: We will eventually need to determine the correct path forward.
 - c. Jeff Bartig: primary project on his plate was to consolidate peers on I2PX and the R&E tables. The major sticking point is determining which campuses will be impacted because they do not peer with I2PX. Many have localpref'd R&E routes but not I2PX routes. Need to be able to guarantee that changes would not remove any network access that campuses might have today.
 - d. Bill Owens: Noted that widespread usage of IRR could be helpful.
 - e. Tony Brock: if anyone has other ideas, please send to the mailing list or bring them up here.
 - f. Please be sure to fill out survey.

- g. Kade Cole -SIUE. Was contacted that their institution was not in IRR and has since registered with RADB. Will there be an all-clear sent at some point?
 - i. Jeff Bartig: Yes. Please touch base if you need to check now.
 - h. Tony Brock: is there any movement on implementing policies based on IRR content?
 - i. Jeff Bartig: Google has admitted that they are behind and will not make their originally mentioned September implementation timeline.
 - ii. Bill Owens: Any movement on following up with Hurricane Electric?
 - 1. Jeff Bartig: not at this point.
7. There being no other business for the working group, the call adjourned.