NTAC Peering & Routing Working Group
Notes from 6/21/2022 call

1. Agenda Bash
    a. Steve Wallace – assessment service workshop discussion.
2. Update on Peering & I2PX
    a. Jeff Bartig: Working to Decom old equipment and move cross-connects to new colo facilities- Los Angeles; next week will be out of old space in Ashburn.
    b. Working with peers on capacity augments as they are connected to NGI routers.
        i. StackPath to 2x 100G in LOSA, Ashburn.
        ii. Akamai, now 100G at all 7 peering locations.
        iii. Microsoft, 100G in LOSA, looking at 100G at all peerings.
        iv. AWS moving away from 10G peering, will be moving to 100G but at an undetermined rate.
        v. Akamai – wants to go 100G at all peerings.
    c. Discussion re: Akamai turning down campus clusters – they are moving away from campus collocated clusters. Will only consider on-net clusters for locations with hundreds of Gb traffic. Farmer: traffic will likely just get lower and lower on collocated clusters, not a wholesale removal.
    d. Michael Lambert: any peers asking about 400G? Jeff Bartig: Apple asked but sees this at about a year out. Discussion: Optics and ports are very expensive.
3. Network Weather Update – Trends and coming events
    a. Summertime – traffic is substantially decreased.
4. Internet2 Network update
    a. No significant updates. Still wrapping up a few Decoms. Ashburn will be last location where there is production Juniper gear. Vendor is removing old equipment from POPs.
    b. MANLAN will remain QFXs for time being.
5. Any other business
    a. Steve Wallace: I2 has offered informally to do routing security assessments. There is a questionnaire that asks how security controls have been implemented. For example: is MFA used for configuring network gear?
        i. Will be switching to virtual, online workshops. Idea is to get 10 campus networks to attend and go through instrument. Signing up gets site access to google spreadsheet. Then in workshop, could complete in real time and/or complete offline at own pace. Data will eventually be deleted but will identify patterns and pull together campuses who have solved particular problems. Will be communicated via I2 blog in the next week.
        ii. Farmer: would be good to get aggregate campus data, eg- how folks are doing MFA on network gear, as common practices would be helpful to know.
        iii. Send info to ssw@internet2.edu if you have ideas or would be interested in participating.
6. Adjourn at 4:23 EDT