

## **NTAC Peering & Routing Working Group**

*Notes from 9/20/2022 call*

1. Agenda Bash
  - a. Schmiedt: PeacockTV issues
2. Update on Peering & I2PX
  - a. Jeff Bartig: We are well into start of semester. Traffic increased substantially. Capacity issues on Fastly (2x10G) are running busy – looking to replace with 100G PNIs. Apple 100G in Dallas to replace 2x10G, already seeing 60G of traffic, appears to be mostly coming from East Coast institutions. Working with Microsoft to replace all 10G peerings with 100G.
3. Network Weather Update – Trends and coming events
  - a. Farmer had pointed out increased traffic from Thursday football shifting to streaming only. I2 saw increased traffic from expected sources.
4. Internet2 Network update
  - a. Jeff Bartig: last week finished deploying patch for CEF issue. An optimization process was corrupting FIB in routers. Route would be in RIB but could not forward traffic to it because FIB entries were corrupt. Patch appears to fix this broken behavior.
5. Any other business
  - a. BOX.com was net+ peer in R&E table. Moved to I2PX. BOX is now shutting down their own infrastructure and moving to public cloud. As of next week, about ½ of their peering with I2 will be shut down, with the rest following soon.
  - b. Discussion that many campuses are moving from BOX due to increasing costs. Many moving to Google drive or Microsoft OneDrive.
  - c. Schmiedt: PeacockTV gives an error while loading and does not work from TAMU address space (128.194.0.0/16) using TAMU or Google DNS. Works when using same address space but using Cloudflare DNS (1.1.1.1). Either DNS returns different but reachable IPs. Other campuses do not see an issue. Peacock says issue is not theirs and quickly closes ticket. Update: with no changes, the service is now working normally at TAMU on 9/21.
6. Adjourn at 3:21p EDT