Connecticut Education Network Update

December 5, 2016
1:00PM – 3:00PM
LOB Room 1C, Hartford, CT

➢ CEN Outreach Events

- **Upcoming**: Juniper session, Connected Campus, February 15th 2017 (venue to be confirmed).
- *Save the Date CEN 5th Annual Member Conference – Friday, May 12, 2017.*
  Keynote to be announced: Adam Segal, Director Digital and Cyberspace Policy Program, Council on Foreign Relations (AM) and Matt Watts, Director Technology and Strategy, Netapp (PM).

➢ CEN Staffing

- CEN currently has 9 full time staff members, 4 part time student workers.
- Director position closed on 11.28 and interview process is ongoing.
- Lead Technical Engineer position to be posted shortly.

➢ Network Traffic and DDOS

- For Nov-Dec, we saw a high of ~65GBPS across all external peering and caching with the maximum recorded sustained bandwidth on Thursday, November 17th, between 11:30-13:30, at 120GBPS.
- CEN has completed upgrades in West Haven for a 100G capable Juniper router, and is in discussions with CenturyLink on pricing/availability, and lead times for a 100G connection.
- Since September 1st, CEN has detected and mitigated 167 volumetric DDoS attacks.
- CEN is looking to automate notification of mitigated attacks to provide our members awareness that CEN took action against an attack on their behalf. We are getting close to a solution.

➢ NYC Buildout and Peering progress
- CEN continues to work with our partners through NEREN to build out to NYC. NEREN has submitted a letter of intent to the vendor, GDT, for purchase of optical equipment for the build. A formal purchase order from NEREN has not yet been issued; however, NEREN is still optimistic of the target completion date of March 2017.
- First member connections to Amazon AWS Direct Connect service through our MASS-IX connectivity have been established.

➢ Setting of FY18 Rates

CEN Network Services Pricing FY 18

Circuit Speed:	Cost per month:
25 Mbps	$125
50 Mbps	$300
100 Mbps	$450
200 Mbps	$750
300 Mbps	$750
400 Mbps	$750
500 Mbps	$750
1 Gbps	$1,200
2 Gbps	$1,900
10 Gbps	$3,000
100 Gbps	$10,000

The new pricing is effective July 1, 2017.

November Newsletter: http://cen.ct.gov/cen/lib/cen/CEN_November_Newsletter_2016.pdf