

Categories have been arranged for alignment with CEN's 2019-2024 [Strategic Plan](#).

1. Provide Value

- DDoS Mitigation Summary Review
 - 2023-2024 Academic Year (August 1, 2022 – Sept 1, 2022)

Number of TMS Mitigations	Volume of Traffic Passed by TMS	Volume of Traffic Dropped by TMS	Volume of Largest TMS Mitigation	Rate of Largest TMS Mitigation	Duration of Longest TMS Mitigation
7	432.31 MB	313.22 GB	305.45 GB	1.32 Gbps	0d 1h 4m
↓36.36%	↑442.29%	↑229540.47%	↑301207.63%	↑9680.54%	↑387.06%

Bottom row indicates increase or decrease from prior period (June 19 2022 8:55 - August 01 2022 0:00).

- 2022 Calendar Year (January 1, 2022 – Sept 1, 2022)

Number of TMS Mitigations	Volume of Traffic Passed by TMS	Volume of Traffic Dropped by TMS	Volume of Largest TMS Mitigation	Rate of Largest TMS Mitigation	Duration of Longest TMS Mitigation
150	37.81 TB	18.45 TB	18.30 TB	29.75 Gbps	58d 7h 42m
↓23.47%	↑249.27%	↑13.37%	↑462.63%	↓22.56%	↓61.14%

Bottom row indicates increase or decrease from prior period (April 30 2021 22:58 - January 01 2022 0:00).

- CT Library Fiber Consortium – Fiber to the Library (FTTL)
 - Project to connect libraries through federal E-rate and matching State Library bonded funds.
 - Many project sites connect underserved communities where connectivity options have remained relatively unchanged for decades. This project provides high-quality service at reasonable costs to bridge gaps in the digital divide and help libraries continue to thrive as community assets.
 - Phase 8: Awarded February 21, 2022. 64 libraries are eligible and 3 are moving forward. This is the final phase of the program.
 - The current project across all phases (1–7) will bring total fiber-connected libraries to 146 representing 76% of all 191 libraries statewide.
 - The remaining libraries, not currently connected to CEN are eligible to connect with ARPA-CPF funds. The CEN ARPA project is tentatively scheduled to commence in January of 2023.
- CT Library Fiber Consortium – Internal Connections (FTTL-IC)
 - New Program announced December 3, 2021. <https://ctedunet.net/fttl-ic/>
 - Goal is to help libraries with internal network infrastructure to better serve library operations.
 - Libraries will receive assessments, prioritized remediation plans, and awards to assist each.
 - 41 libraries applied; 37 scheduled assessments; 20 assessments are complete; reports scheduled for delivery in October.
- New Members/Customers since the last Commission meeting (in order of turn up)
 - CSCU Facilities
 - Marlborough Senior Center
 - Lebanon Town Hall
 - DCJ-Cheshire House
 - DCJ-Office of the Chief State's Attorney
 - Lebanon Police Department
 - Beardsley Branch Library-Bridgeport
 - Washington Volunteer Fire Department
 - Mystic Fire District
 - Specialty Printing
 - Bethel Fire Department

- Stony Hill Volunteer Fire Department

Current Member Count = 679

*Effective 12-1-21 member count process has been adjusted to reflect multi-site organizations as one member throughout the community.

2. Ignite Innovation

- eduroam <https://www.eduroam.us/>
 - Goal is to address digital divide issues impacting students' learning and provide a more seamless network access experience for students.
 - Tom Dillon helping coordinate activities as CET Infrastructure Advisory Council Chair, with CEN resources and fiscal support. This is a crossover item between CET Infrastructure Advisory and CEN Service Management Advisory Councils.
 - Suffield Academy and Waterbury Public Schools have launched their eduroam pilots (90 days, renewable). Darien Public Schools is expecting to launch this summer. Pilot interest also received from Russell Library and Coventry Public Schools. Goodwin University has initiated their own license agreement.
 - 71 respondents to Secure WiFi & eduroam readiness in schools and libraries. Will re-send and collect more info.
 - CEN's application for the Internet2 eduroam [Support Organization](https://internet2.edu/internet2-announces-new-eduroam-support-organizations/) program was accepted and will be one of 5 across the country. <https://internet2.edu/internet2-announces-new-eduroam-support-organizations/>
 - Agreement reached with Internet2 on terms for extending eduroam purchasing agreement through the end of 2023, to be succeeded by Support Organization agreement in 2024.
- Additional services are in development and will be prioritized based on community feedback
 - With help of SMAC Chair(s), items are categorized and prioritized
 - Unified Communications RFP team meeting monthly to define service categories and requirements and targeting Q3 for RFP publication.
 - UConn procurement will assist with RFP development
 - Aligning initiatives with the existing UConn RFP cycle where possible to make more efficient use of time and effort.

3. Foster Collaboration

- Member Training Opportunities <https://ctedunet.net/engagement-events/>
 - 07-21-2022: Securly's AI – balance between Responsible and Effective.
 - 09-27-2022: [Data Privacy](#)
 - 10-26-2022: [Data Breach](#)
 - 11-17-2022: [Data Retention](#)
- CT Digital Government Summit Sept 8, 2022
 - <https://events.govtech.com/connecticut-digital-government-summit.html>
 - Dir. Kocsondy served as advisory board for program development
 - Dir. Kocsondy served as a panelist for 'Keeping Our Head in the Clouds' session
- EDAC - Engagement and Development Advisory Council
 - New Co-Chairs, Karen Skudlarek, UCONN, and John Mercier, Regional District 17
 - Rebecca Osleger and Karen Warren transition out from the position
- SMAC- Service Management Advisory Council

- Co-Chairs: Matt Ross & Jonathan Garbutt
- Committee members organizing around community RFPs for
 - Unified Communications
 - Security Services
 - CIPA filtering

4. Promote Advocacy

- Governor's Biennium Budget, HB5037, American Rescue Plan Act - Coronavirus Relief Fund (ARPA-CPF)
 - PA 22-118 <https://search.cga.state.ct.us/2022/PA/pdf/2022PA-00118-R00HB-05506-PA.pdf>
Final Authorizations below
 - \$10,719,936 – Everybody Learns WiFi Expansion + \$719,936 from June session
 - \$21,225,474 – Grant funding for municipalities and libraries to connect to CEN
 - \$41,109,884 - CEN Next Generation Infrastructure Upgrades
 - \$911,195 – Grant funding for charter Schools to connect to CEN
 - All projects will be submitted through OPM to US Treasury for funding allocations prior to Sept 24th.

5. Enhance Core Resources

- CEN Staff
 - CEN currently has 12 full-time staff members, 4 part-time student workers, and 1 volunteer (1 day /week), 1 Fellow
 - Molly Zipkin, FA1, moved onto Storrs ITS as of Sept. 9, 2022
 - Aug. 1, 2022, Staff Updates
 - Rachael Collard transitioned from her role as Marketing and Publicity Coordinator to Member Services Specialist
 - Welcome Radu Nedelcu, Project Management Fellow. Radu will be performing his Army Career Skills Program Fellowship with CEN through the Hiring Our Heroes program.
 - Planned searches
 - Network Systems, Security, Automation
 - Financial Assistant 1
- Infrastructure Improvements/Investments
 - CEN was allocated ~ \$2.5M in CEPF funds for equipment maintenance improvements to the infrastructure. This was less than the requested amount and items are being re-prioritized, re-quoted, and sequenced based on price and availability of equipment. Projects in queue
 - Uninterruptible Power Supply (UPS) upgrades at hub sites - Complete
 - Of Note - Component delays are impacting lead times for items such as routers and switches. Lead times can be anywhere from 120-180 days for orders with little relief in sight.
 - All other project on hold due to delays.
- Operational Improvements
 - Automated DDoS notification script - Updated and completely re-written to ensure notifications are sent in a timely manner. Issues with original system required updated of servers and script to ensure stability.