

Network Update for LONI Management Council

Network Accomplishments

- Higher-Ed Connections: LSU AgCenter is on LONI backbone to ISB
- LCTCS Connections: Temporary move of Shelby Jackson Campus in Ferriday
- K12: Working with DOE on new school year for RSD
- Partners: Commodity Internet RFP opened and letters of intent to award were mailed to perspective providers but no additional information from OTM nor OSP
- General: Enable (4) 10GE circuits from LSU to ISB over Wampold fiber. Hosted Global Knowledge Advanced IPv6 Class. IPv6 World-Day. Commodity Internet via IPv6 to TWTC and Qwest. Moved circuits from DOTD LTRC to TTEC.
- BTOP: Received environmental clearance last month. Met with NTIA officials this past week. Awaiting major deliverables by GEC this month.
- NSF-EPSCoR-C2: Continue to work on process to incorporate BTOP design into project.
- Indicators:
 - Backbone Uptime – TBD
 - Overall Uptime – TBD

Short-term Plans:

- New website for loni.org is 95% complete but delayed due to lack of resources
- Connect Nunez to LONI at 20Mbps
- Activate IPv6 to Level3
- Upgrade JSU from 1GE to 10GE
- Finish Delgado WAN upgrade
- Connect BoR Video Unit in Claiborne to LONI
- Connect EA Conway Hospital to LONI

Long-term Plans:

- LONI PoP at DPS
- LONI operational data into GIS
- Input fiber data into LA One Call
- Network Management via IPv6

Research Involvement:

1. Regional Representative on the Internet2 Research Advisory Council (RAC) until 2014.
 - a. Research Ideas
 - i. Research wave program
 - ii. Large file exchange cloud
 - iii. “Blue Sky Research”
 - iv. Internet2 NDDI and OS3E

BTOP:

- Estimated Timeline:
 - 8/1/11 – GEC submits “Bid Documents” to FP&C
 - 9/1/11 – FP&C advertises for construction
 - 12/1/11 – Construction starts
 - 2/26/13 – 365 days later 100% complete
- Connect CIC to LONI
- Connect Biospace to LONI
- Connect NOBIC to LONI
- Connect LCRC to LONI
- Connect Grambling to LONI
- Connect Nicholls to LONI

Projects:

1. Mississippi schools are targeting July 1, 2012 to migrate to their new AT&T network.
2. We participated in The Quilt commenting on the Internet2 U.S. UCAN Task Force Report.

Events:

- LONI Technical Forum, July 18-19 at Pennington Foundation Conference Room
- Internet2 IPv6 Workshop, October 17-18 at Pennington Foundation Conference Room
- Internet2 Joint-Techs Conference, January 20-28 at Pennington Foundation Conference Room
- Tiger Trap, September 17-18 at UNO, ULL, LSU and LA Tech

Issues:

- Two engineering positions remain open but hope to start interviewing later this week
- Mississippi schools contribution to LONI’s Internet2 Connector and Commodity Internet Fee