

**MINUTES
LOUISIANA OPTICAL NETWORK INITIATIVE
MANAGEMENT COUNCIL**

July 12, 2016

The Louisiana Optical Network Initiative (LONI) Management Council (MC) met at 1:20 p.m., Tuesday, July 12, 2016, in the Board Conference Room, 6st Floor, Claiborne Building, Baton Rouge, LA. A roll call was taken and there was no quorum. Mr. Leger recognized and thanked Dr. Stubblefield for his service and direction to the LONI Management Council. Dr. Stubblefield introduced Dr. Gabriel Fagbeyiro, the new appointee from the Southern University System. A second new addition to the Council is Mr. Leo Tran replacing Dr. Ramgopal Mettu from Tulane. He then turned the meeting over to Mr. Brian Nicholls, the new Chair of the Council. Mr. Leger acknowledged Dr. Stubblefield for his leadership and direction of the Council.

Council Members Present:

Mike Asoodeh
Jay Park for Ram Ramanujam
Beth Courtney
Tony Moore
Brian Nichols
Gene Fields *via telephone*
Travis McIlwain for Terrence Ginn
Lonnie Leger
Leo Tran
Bettina Owens
Ramu Ramachandran *via telephone*
Gabriel Fagbeyiro

Council Members Absent:

Richard Howze
Thomas Lovince
Charlie McMahan
Sherri McConnell
Eric Setz
Rachel Vincent-Finley

Guests:

Walt Orgar, Dell
Hunter Ely, Tulane Security
Ric Simmons, LSU
Sam White, LSU
Angela Mastainich, BoR
John Caffery, LONI
Jan Waguespack, ATT

Patrick Kennan, LSU/LONI
Colby Himes, LSU/LONI
Seung Jong Park, LSU CCT
Gary Canzoreni, LSUHSC-NO
Lance Neal, BoR
Le Yan, LONI
Kathy Thomas, Dell

APPROVAL OF APRIL 12, 2016 MINUTES

In the absence of a quorum the April 2016 minutes will be approved at the October 11, 2016 meeting.

CHIEF ADVISOR REPORTS/RECOMMENDATIONS

Mr. Gene Fields, Chief Technology Advisor, attending the meeting via telephone, complimented Mr. Leger and the Security Working Group and Technical Advisory Group for the governance structures. He further stated that he and his team actively participated in these efforts. He also encouraged Mr. Leger and his team to continue efforts to engage the community [using those governance structures] to develop and enhance the fundamental building blocks necessary for a successful security program including a) customer contact/escalation lists; b) notification protocols; and c) incident response plans. Mr. Hunter Ely provided information on open DNS, Multi Organization, and the LONI NOC (Network Operation Center).

EXECUTIVE DIRECTOR UPDATES

Mr. Leger stated they continue to work closely with the Network Security Working Group and the Network Technical Advisory Group, to build a community engaged around matters that are important to the community and provide a strategy and action plan to address those matters.

Network Update

Mr. Leger went over the AT&T Dark Fiber Lease replacement plan beginning with Phase 1, Fiber Construction. He stated that the next funding they have secured with the Board of Regents' part, they are going to be upgrading half of North Louisiana ring to 100 Gig. Today the path is 100 Gig to Jackson, MS and 100 Gig to ULM. He hopes that within the next fiscal year, they will find additional funds to allow them to go from Monroe to Shreveport. He hopes to do the Northern Ring upgrades during the Labor Day weekend. He acknowledged Terrence Ginn and Travis McIlwain for their diligent work to make sure that we received the additional Capital Outlay that LONI needs to continue with the phases of our fiber construction. He went over certain ongoing activities and statewide project list. Mr. Leger stated that on the HPC side there have been some cautious trends, the allocation trend for the last three quarters has been in the 95 percentile. They are concerned about wait time, what is the queue depth, if we begin giving allocations that are over subscribing in wall clock time of QB2. He stated that we are in new territory that we have not experienced before. He further stated that Mr. Sam White and his team have

concerns about this trend and this may mean that some allocation requests will have to be reduced, there may be more wait times, or compute cycles on QB2. This is an unknown, he just wanted to make the Council aware of trends that they are seeing. Dr. Ramachandran, on the telephone, asked how the average monthly utilization is calculated, is it by taking the total SUs consumed during the month and then dividing it? Mr. Sam White responded how the average is calculated and then allocated. Dr. Ramachandran stated that he noticed on the graph the ups and downs of usage, but realized there is no control over the activity. Mr. Leger suggested the resource allocation committee having a routine, regular interaction and conversations with the operations side, to provide proper feedback to the allocation committee and vice versa. He suggested that we educate the community better for efficiency purposes. Their allocation request might need to be scrutinized due to competition. Dr. Ramachandran stated that he would like to have a meeting of the Resource Allocation Committee with some of the LONI staff sometime in August. Mr. Leger agreed.

The 2017 Meeting Dates were reviewed and Mr. Leger stated that there were no conflicts with Internet 2s event calendar or Educause meetings.

OLD BUSINESS/NEW BUSINESS

Mr. Leger stated there is one new Affiliate, the Water Institute of the Gulf. He further stated that there is a Parish Government that is also an Affiliate and an additional Parish Government that is considering, and two Cities they are working with to determine whether or not their relationship with us, also.

He brought to the Council's attention the Cyber Security Concept. He referred to an email he sent out, that it seems like cyber security is a recurring theme with in-state and out-of-state conversations. He stated that the questions he has are: should this be a capability that we should be looking at, and how to do it and how to fund it. Our defense as cyber security becomes more sophisticated will be our collective response not an individual institution's response. Mr. Nichols suggested that he and Mr. Leger get together with Mr. Caffery, Mr. Ely, and Mr. Broome to discuss and better understand, and then come back to the Council at its next meeting. Mr. Leger agreed and suggested a pilot phase. There was some discussion among the members about direction, funding, and development. Mr. Leger stated that at the October meeting he will have an update. Dr. Stubblefield stated that Southern University is one of two teams that won the Nunn-Perry Award and they will have some representatives on their campus and this is in cyber security. Mr. Leger asked that the Council send him any comments and he is open to group discussions to hear ideas, either through the Working Group or with him directly.

He stated that the FY 17 budget is not yet set. He has been told that Mr. McIlwain and Mr. Ginn are working through the formula and they hope to have a budget to Mr. Leger in the next few weeks. He further stated that in October 2015, he stated it was his intention to cover the Open DNS cost for that service in the bandwidth charges that LONI was collecting. Given the budget outcome, for LONI to do that would be harmful to the operations. The cost is \$350,000 annually for the entire state for higher education for our participants. The Board of Regents' staff recommends is for Mr. Leger seek assistance to recover the first year's expense and then in years two and three LONI will be able to honor that objective and cover that cost. There is a breakdown of the costs they will seek from each institution in the meeting packet to cover the licenses associated with their specific institution. This is a one-time annual cost recovery from each of the participants beginning this Fall. Mr. Leo Tran questioned why Tulane should be included because they currently, independently, have Open DNS and they are paying the same amount. Mr. Leger explained that the security approach collectively would be better served by the multi delivery and awareness and policy that would be done by the umbrella console and analytics associated with it. He hopes the value of the umbrella approach to it, out ways the struggles associated with the costs. Dr. Stubblefield asked that any questions be generated and forwarded to Mr. Leger. Mr. Nichols stated that this is a one-time and hopefully in the future the Board of Regents will give more and Mr. McIlwain acknowledged that is the current concept. Mr. Leger stated that this price is good for three years and locked in to this list of institutions only. Ms. Courtney asked if Regents' budget was cut, Mr. McIlwain stated it was cut and they are right now in the process of spreading the FY 17 budget. Mr. Leger discussed the agreement with Open DNS. Dr. Asoodeh mentioned that the nominations and selection of officers, per the By-Laws, will have to be taken up at the next meeting due to not having a quorum today. He further stated that last time he, Ms. Owens, and Dr. Vincent-Finley were a committee of three, and received nominations. Mr. Nichols asked if there were any objections to continue with the same committee, there were none, so that committee will move forward.

Ms. Courtney wanted to discuss on the record, that despite all efforts and hard work by the LONI staff, LPB has been having technical difficulties and been off the air in Shreveport. She stated that in television time, off the air for one hour in primetime, is like death, with many telephone calls. She acknowledged that Mr. Leger is working diligently to keep things running. She stated that at one point, the provider said they were not able to get into an area on ULM campus to reset a server. She acknowledged that there are many moving parts to work with, but she has thousands of people watching in prime time and if they are off air, this is a problem. She stated that they have a back-up, they go to a satellite transponder, but that has its problems. In that specific instance, everything went down. Mr. Leger stated that it's changing because the service contract has changed. Dr. Stubblefield suggested that

we know the points' of contact are at each institution that could be shared with the management council, so we are aware of the contact person. Mr. Leger stated that they are getting this information from each campus for every service so we can communicate on a service by service basis. Ms. Courtney suggested that LPB has engineers around the State and maybe they can assist.

ADJOURNMENT

The meeting was adjourned at 2:29 p.m.