

Louisiana Cybersecurity Commission
August 8, 2019
Meeting Minutes

Meeting began at 10:00 a.m.

Present:

- Chairman Craig Spohn
- Co-Chair MG Glenn Curtis
- Jim Waskom
- Dickie Howze
- Yenumula Reddy
- Mark Northrup
- Dr. Les Guice
- Kyle Ardoin, by Proxy
- Dr. Ramesh Kolluru, by Proxy
- Michael Dunaway
- Sonya Wiley
- Bill Bradley
- Jeff Moulton, by Proxy
- COL Kevin Reeves
- Ex-Officio Members

Discussion:

- Chairman Spohn congratulated several individuals from LANG, Dustin Glover from the Division of Administration and Devin King from State Police on the amazing response to the recent cyber emergency. Chairman Spohn specifically asked that the lessons learned from the response teams be recorded to assist against future incidents.
 - MG Curtis further advised the Governor stated that the response to the cyber incident may improve the credit rating of the state.
- Minutes from Previous Meeting were approved and adopted by a Motion from Mark Northrup;
- Paul Rainwater gave a legislative update brief regarding the unanimous success of the bills and resolutions submitted by the commission and that all bills passed without a single opposition vote.
- Kenny Donnelly advised all commission members to start considering legislation for the 2020 session:
 - Chairman Spohn advised that the recent laws passed by the commission provide legal recourse against the perpetrators for the recent attacks and illustrates how important the cybersecurity information sharing act actually is for the state of Louisiana.
 - MG Curtis would like to continue with executing the tabletop exercise.
 - Jim Waskom reported that ransomware did not raise flags with DHS and the commission needs to evaluate what resources may be available from the Department of Homeland Security and determine what type of events will trigger federal support;
- Information Sharing Subcommittee Brief:
 - Dr. Arun Lakhota– briefed the goals of the committee:

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- 1) produce 24/7 information sharing environment with real-time networking to advise of early cyber threats and warnings and advisories. This will require identification of capabilities and limitations of existing major assets to encourage and support public and private organizations. Also want to establish the Louisiana Cyber Information Sharing and Analysis Center by unifying and integrating its existing and emerging cyber assets;
- 2) Create an environment in Louisiana that enables, empowers, and encourages cyber information sharing; and
- 3) Position Louisiana as a Living laboratory for Cybersecurity Innovation in the US.
- Kenny Donnelly advised on identifying volunteer resources for IT personnel to respond to future attacks;
- The committee provided a timeline summary of events involving the identification and inventory of resources to accomplish the goals;
- Chairman Spohn – advised that we need to do a legal review on impact of volunteer efforts and also need to build a network of volunteers divided into different classifications of skills (rebuilding a network v. imaging computers v. rebuilding the domain controls)
 - Kenny Donnelly stated that students from ULL, IBM interns, and CenturyLink were extremely helpful but the state did not have the ability to conduct background checks on these volunteers. These issues are being captured on “Lessons Learned” or build a roster of volunteers.
- Michael Dunaway Presented a Brief on Private Sector & Economic Development Committee:
 - Mr. Dunaway is resigning from the commission and will be accepting a position at the University of Cincinnati to work in cybersecurity. His position and work with the commission is extremely appreciated by the Commission as mentioned by Chairman Spohn. Mr. Dunaway thanked the commission for the opportunity to serve.
 - Issues Examined by the Committee:
 - Develop training and education in cybersecurity for private sector at the regional, local, and entity levels with input from the business and non-profit communities;
 - Analyze how to encourage start up companies in Cybersecurity in LA
 - Adopt the NIST Cybersecurity Framework and Baldrige Cybersecurity Excellence Building program for the private sector
 - 2019 Priorities for PSED Committee:
 - Conduct survey of the business community via LABEOC LED PSED
 - Dr. Dunaway showed sample questions regarding back-up of data, local administrative privileges and stated that the responses have been positive;
 - Define LED & LABEOC network of key resources and expertise
 - Research program in cybersecurity relevant to SBCs
 - Enhance cybersecurity resource base and library in LABEOC
 - Adapt and tailor NIST framework for statewide adoption

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- Establish advisory board of SBCs via ELD, SBDC, and EDOS
- Kenny Donnelly gave a briefing on NIST Framework Resolution – advised commission that they will need to conduct review of these issues within 120 days of August 1, 2019.
 - A recommended task force structure includes members from LANG, DHS, State CIO office, Economic Development Committee, Information Sharing Committee, and the Fusion Center
 - The beta test will be conducted on three volunteer private businesses (small, medium, and large) that are domiciled and licensed to conduct business in the state of Louisiana. First, there needs to be a participant selection. Second, implement the proof of concept. Third, produce a report for the legislature to determine if this should be written into law.
 - Dr. Dunaway advised that the private sector economic development committee may be able to provide personnel to staff this. Dr. Dunaway also offered to discuss the beta test from the LA-BEOC group.
 - Alberto Depuy advised that we should reach out to Louisiana State Bar Association to get the attorneys involved to help advise any business that choose to participate
- ESF-17 Cyber Exercise Proposed Course of Action Plan by Brant Mitchell:
 - Recommendation is that the state develop a 3-year exercise plan specific to a cyber event
 - Year 1 – Drill: collaborate with the Gulf of Mexico area maritime security committee to develop a state specific inject during the currently planned August 29th exercise in NOLA to test and validate the state cyber incident notification process and validate the reporting requirements and information sharing process;
 - Year 2- conduct a seminar approximately 90 days prior to tabletop exercise to educate the key decision makers on their roles and responsibilities on how to respond to a cyber event
 - Following the seminar, they will conduct a tabletop exercise that involves an attack on the state’s network;
 - Year 3 – conduct a full-scale exercise in a closed lab environment
 - Requirements to Implement the Exercise Plan
 - Police and procedure development for notification;
 - Develop procedures for reporting and sharing information;
 - Identify and validate by position list of Cyber personnel to be notified during a cyber event;
 - Identify DOA and LANG cyber incident response personnel;
 - initiate an awareness and training campaign with political subdivisions; and
 - Develop a training program for the state’s cyber response resources.
 - Mr. Mitchell discussed conducting an AAR on what happened and documenting what occurred and how we responded.
 - Mr. Mitchell discussed dividing the AAR into sections with individual interviews and people can submit information anonymously.

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- Jim Waskom discussed working with the National Governor's Association to get information disseminated to homeland security advisors for the various states.
- Kenny Donnelly discussed the FY20 National Defense Authorization Act, in which Congress stated that funds would be withheld for failure to exercise of support to civil authorities for a Cyber Incident.
 - MG Curtis – There is a letter volunteering the state of Louisiana to host a designated to do a cyber incident response exercise, on a national level, funded by the Federal entities. MG Curtis represented that LANG would fully support the effort. Louisiana Economic Development is asking for the commission's approval before moving forward and offering to perform the work.
 - Sonya Wiley submitted a Motion to provide Chairman Spohn permission to endorse the effort on behalf of the commission to host the event. Motion passed unanimously. Chairman Spohn has the authority to endorse the event on behalf of the commission.
- Kenny Donnelly briefed the "Way Forward" for the Standing Committees:
 - Develop a written strategic plan for the state. Currently in Phase 3.
 - Kenny Donnelly discussed committee report from Dr. Guice for the Workforce Development, education, and public outreach committee
 - Kenny Donnelly stated that the committee reports, findings, and study are complete and submitted to the governor.
 - Kenny Donnelly gave a brief on the form of the reports required by the committee, which will help decide the objectives of the committee and how to develop the objectives, as well as how to track the progression of the deliverables. A summary with corresponding strategic action plan over five years will be also be required from the committees. Kenny Donnelly offered assistance for the process.
- Additional Subcommittee Briefs:
 - Mark Northrup gave update brief from Cyber Risk, Assets, and Capabilities Assessment Committee – won a NGA grant to assist with Cybersecurity Infrastructure assessment. NGA will provide information on how to repair, respond, and recover from a cyber attack.
 - Dr. Guice OBO Workforce Development, Education, and Public Outreach Committee: discussed two goals of the committee, which were: 1) Mobilize public and private resources and build a culture and capabilities for cybersecurity education, information sharing, workforce development and economic growth, and advance Louisiana as a national cybersecurity leader; and 2) Transform, elevate, and sustain the Cybersecurity Learning Environment
 - Kyle Ardoin (By Proxy, Brad) Election Security Committee:
 - Improving Cybersecurity posture with the local registrars of voters and moving forward with RFP for new voting machines. La. SOS is working with LANG on improving information security and communication.
 - Devin King OBO Law Enforcement, Prosecution, and Digital Forensics Committee: Devin reported that they have limited law enforcement resources to fight cyber incidents, but they are hosting an event for cyber incident response, volatile data capturing/evidence collection/forensics, and dark web research for an additional 20 folks to get them

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trained on cyber defense and get trained on methods of defense. Also the Fusion center is getting ready to become 24/7 and by January 1, the fusion center operation will be completely 24/7 and additional 12 personnel will be working at the Fusion Center. Devin King further reported that in December the Fusion Center will be beta testing a secret service class on intel retrieval from cyber events.

- Chairman Spohn asked about the implication of insurance investigators for affected entities for the cyber event – Dustin Glover advised that there were delays in response while waiting for insurance investigators. However, for state entities, they have cyber insurance from state that would not invoke private insurers. Mark Northrup advised that some private entity CISOs are purchasing cyber insurance from the UK, which do not require an initial assessment before allowing response team efforts.
- Devin King reported that in responding to the incident, his organization needs stronger resources to retain, process, and analyze evidence, which is normally a very slow process. Dustin Glover discussed that a quicker ability to process equipment was key in preventing additional attacks and directly prevented shutdowns of 4 other school districts.
 - Chairman Spohn asked how much funding it would take to improve the Fusion Center's equipment, facility, and personnel. The fusion center may need \$5M for capital outlay for a new building. However, Devin was unsure if \$5M would even be enough.
 - Col. Reeves advised that State Police is looking at finding a larger space for the Fusion Center to allow them room to expand and bring on additional personnel.
 - Ms. Wiley stated that we should use the hard data from the recent event to support the Fusion Center's needs for additional personnel.
- Kenny Donnelly briefed an in-state outreach with Public and Private sector CISO in December. Mr. Donnelly is the event coordinator for the event, called the Cybersecurity Collaboration Forum on December 10, 2019.
 - There will be several speakers to address best business practices topics and cyber issues. It will be from 3-8pm with food served. This will be the first outreach program in Louisiana.
- Dr. Guice provided comments thanking the Commission member's organizations for their support following the April 25, 2019 tornadoes that damaged Ruston.
- Jim Waskom discussed an upcoming FEMA meeting in October 30-31, 2019 exercise.
- Dr. Arun Lokhotia → His cybersecurity company was selected by the army for a demonstration and he has been invited by the Secretary of Defense to demonstrate his capabilities.
- Chairman Spohn closed the meeting by stating that he was proud of the state and commission for its response to the incident.