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## Summary

### Maryland Cybersecurity Council Meeting

March 17, 2017

12:30 ó 2:30 pm

Senate Miller Building (West Room I)

11 Bladen Street

Annapolis, Maryland

#### Council Members Present or Represented

*John Abeles, Charles Ames (for Acting DoIT Secretary Michael Leahy), Patrice Drago (for Delegate Ned Carey), Howard Feldman, Don Fry, Zack Fry (for OHS Director Walter Landon), Michael Greenberger, Clay House, Zenita Hurley (for Attorney General Frosh), Brian Israel, Ron Kaese, Belkis Leong-hong, Senator Susan Lee, Anthony Lisuzzo, Joseph Morales, Mark Miraglia (for Ken McCreedy), Henry Mueller, Rajan Natarajan, Sue Rogan, Senator Bryan Simonaire, Paul Tiao, Carl Whitman.*

#### Quorum

*The quorum requirement of 26 members was not met.*

#### Staff and Contributors Attending

*Howard Barr (Office of the Attorney General), Dr. John Cordiani (Contributor), Terri Hayes (Contributor), Michael Lore (Chief of Staff, Office of Senator Susan Lee), Markus Rauschecker (Cybersecurity Program Manager, CHHS), and Dr. Greg von Lehmen (Council Staff, UMUC).*

#### Remarks by Mr. Don Fry (Serving as Chair for Attorney General Frosh)

Mr. Fry welcomed those present and thanked the Council and its contributors on behalf of Attorney General Frosh. He made several announcements:

New Council members. He noted that Senator Byran Simonaire fills the seat left vacant by former Senator Catherine Pugh and that Tami Howie, CEO of the Maryland Tech Council, will replace Martin Rosendale. He thanked the outgoing members for their service.

Due date for subcommittee draft reports. Vj g'Eqwpek'uchh'cpf "vj g'Cwqtpg{ 'I gpgtcm'Qhleg" would like to have subcommittee drafts by April 15<sup>th</sup> and NLT May 1<sup>st</sup>. These reports will form the July 1, 2017 report on Council activities required by statute.

The next Council meeting is June 1<sup>st</sup>. The meeting will be 10:00 am ó 12:00 pm at UMUC. Details will follow in the calendar invite to the entire Council.

The next agenda item was the minutes for the October 18, 2016 meeting. Consideration and approval of the minutes will be an agenda item at the June 1<sup>st</sup> Council meeting.

Mr. Fry then turned to the subcommittee chair reports.

Mr. Charles Ames for Acting DoIT Secretary, Michael Leahy, Acting Chair, the Cyber Operations and Incident Response Subcommittee

Mr. Ames updated members present on initiatives of the Department of Information Technology.

More resources have been devoted to improved data loss prevention across the Executive Branch. Stronger network access controls are being implemented. The Department is pushing toward a particular solution set that will provide better network monitoring. It aims to move beyond passwords in the next few years as part of improved identity management. More agencies are asking for vulnerability assessments.

To improve its situational awareness, the Department is discussing trusted sensors with NSA and hopes to similarly approach the Defense Cyber Crime Center via the Maryland National Guard. Likewise, DoIT is working with the Guard to obtain the necessary

The State will be a full participate in the FEMA Region III cyber exercise.

General Singh as stood up the Maryland Cyber Center of Excellence to work on cyber education and workforce development issues. The inaugural meeting was in November of last year.

In the discussion, John Abeles asked if Maryland was considering an information exchange. Mr. Ames indicated that the State would be visiting New Jersey to look at its model but could not say whether that would be adopted by Maryland.

Michael Greenberger, Chair, Critical Infrastructure Committee.

With the legislative session in mind and as a general comment, Professor Greenberger shared his thought that there should be an educational program for legislators on cybersecurity. This would enhance their appreciation of the issues and better position them to assess the concerns of

With respect to the business of the Infrastructure Committee, Professor Greenberger offered the following updates:

The subcommittee will partner with the Subcommittee on Community Outreach and Public Awareness on its depository project. The Critical Infrastructure Subcommittee will offer content that will help organizations be aware of cyber risks, will highlight tools to assess their risks, and will outline best practices to reduce risk.



In a comment from the public, Dr. John Cordani (a faculty member at UMUC) observed how serious the impacts of ransomware attacks can be. In the case of hospitals, locking up systems and critical information can result in death. The penalties should be high.

Senator Lee noted that life imprisonment is not provided for in the current extortion statute. Mr. Lore sketched the penalties in the current Maryland extortion law and referenced a few states across the nation that have separate ransomware laws.

Senator Lee was appreciative of the discussion and welcomed the suggestions as excellent ones.

Dr. von Lehmen for Dr. Jonathan Katz, Chair, Education and Workforce Development Subcommittee.

Dr. von Lehmen explained that Dr. Katz was not able to participate in the meeting because of his uej gf wrg0"J g"pqvgf "j cvF t0Mcv øu'subcommittee outlined six preliminary proposals in the July 2016 Interim Activities Report. It has spent a good part of the year assessing their potential value against the large domain of activity in cyber education and workforce development. Progress to date:

The subcommittee identified a scholarship-for-service program based on the federal model as an initiative that merits further exploration.

It is also interested in recommending initiatives that that would be helpful to K-12 in promoting computing and cybersecurity education. To assist the subcommittee, MSDE approved one of its staff, Ms. Pat Mikos, to serve as liaison to the subcommittee.

Belkis Leong-hong, Chair, Economic Development Subcommittee.

Ms. Leong-hong made her update very brief out of consideration for the lateness of the afternoon.

The subcommittee has met once since the last Council meeting and is scheduled to meet in early April to start its draft for the July 2017 report.

One bill emerging from her subcommittee was successful, namely, the extension of the tax credit for the cost of security clearances (SB 405/HB 89).

With a view to the July report, the subcommittee has already organized itself into groups to capture the initiatives it discussed this year and those likely to become proposals in the next year. These may include mapping the Maryland cyber asset map being built through the Commerce Department to the business lifecycle and providing other incentives for investment in cyber start-ups, among others.

Sue Rogan, Chair, Public Awareness and Community Outreach Subcommittee

Ms. Rogan reminded that one of the charges of her subcommittee is create an online repository of educational information around cybersecurity for consumers and businesses. She noted that:

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DoIT will host the depository. She welcomed the content that other subcommittees may want to add.

As a strategy for making the depository engaging, her subcommittee is looking for stories from consumers and business about why following best practices is important. She asked for help in identifying business that might be willing to provide such stories.

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Mr. Fry

There being no further discussion of the subcommittee reports, Mr. Fry:

Announced that given the hour, subcommittee chairs could decide whether to use the allotted time on the agenda to meet with their members about their draft reports.

Reiterated the timeline for the draft subcommittee reports and the next Council meeting date, time and location.

There being no further updates or discussion Council members were adjourned at 2:30 pm.