

ARIZONA CYBERSECURITY TEAM MINUTES

March 21, 2019
9:00 AM

1700 West Washington Street,
Governor's 2nd Floor Conference Room
Phoenix, Arizona 85007

A meeting of the Arizona Cybersecurity Team (ACT) was convened on March 21, 2019, at 9:00 AM in the 2nd Floor Conference Room, 1700 West Washington, Phoenix, Arizona 85007. Notice having been duly given. Present and absent were the following members of the Council:

Members Present

Mike Lettman (Co-Chairperson)	
Frank Grimmelmann (Co-Chairperson)	Brian Mueller
Tim Roemer	Jon Haass
Morgan Reed	Dane Mullenix
Gil Orrantia	Sandra Watson
Jason Isaak	Michael McGuire
Linda Medler	Katie Hobbs
David Boynton	Owen Zorge
Frank Milstead	
Joe Hooper	

Members Absent

Shay Stautz
Tina Slankas
Jeff Weninger
Tyler Pace
Kathleen Fernandez
Austin Kennedy
Tina Thortenson
Mark Brnovich

Staff Present

Megan Fitzgerald

Call to Order**Tim Roemer**

Mr. Roemer called the meeting to order at 9:06 am.

Approval of Meeting Minutes**Tim Roemer**

The Team approved minutes from previous meetings in June, October, and December of 2018.

Cyber Threat Briefing**Owen Zorge**

Mr. Zorge led the team in a briefing of recent cyber events including threats and trends, attacks, and breaches. He also addressed the state efforts to address the threats and vulnerabilities identified. The state plans to use an enterprise system to address the threats presented. The state utilizes enterprise security partnerships including RiskSense, Mock Scenario Event, and Enterprise State Systems.

Mr. Roemer thanked Mr. Zorge and recounted the importance of making sure all of the members of the ACT members are on the same page.

Mr. Roemer welcomed the new Secretary Of State, Katie Hobbs, to the Arizona Cybersecurity Team, reminding her and the team that the team is here to support her and her office in cybersecurity efforts in any way possible. Additionally, Mr. Roemer thanked the fellow elected team members, the Attorney General, and the state representatives, Mr. Weninger and Senator Pace, for participating in the Arizona Cybersecurity Team.

Public-Private Focus in Subgroups**Frank Grimmelmann**

Mr. Grimmelmann introduced and thanked the subgroups for their diligent work and the critical efforts that come from the public-private partnerships exemplified in the subgroups.

Economic and Workforce Development Subgroup Chair Presentation and Discussion**Sandra Watson, Ed Vasko**

Cathleen Barton spoke on behalf of Sandra Watson and Ed Vasko of the workforce and education subgroup. Ms. Barton broke down the main focus areas of the Economic and Workforce Development Subgroup.

Research: Roz Boxer, Chair

1. Inventory cybersecurity-related initiatives throughout AZ to ensure a comprehensive and collaborative approach to developing the Committee's work plan.
2. Compile all relevant market data to identify gaps and opportunities to enhance AZ's workforce efforts in Cyber Security; and identify certifications and relevant skills required for professional IT employees and executives.
3. Conduct a labor market analysis (labor market needs assessment) – current and future based on the industry growth potential and develop workforce supply opportunities with post-secondary institutions.
4. Develop a target list of global business leaders for business attraction purposes to enhance economic development efforts.
5. Curate resources and potential recommendations and integrate into overall strategy.

Marketing: Rachel Harpley and Molly Castelazzo Co-chairs

6. Establish a proactive awareness campaign – marketing and promotion – of existing assessment tools, resources, and programs available to protect against cyber-attacks.

7. Attract International, National, and Regional events to Arizona – develop content material, key messaging, and speakers bureau (identify experts and coordinate speaking engagements, panel opportunities).

Education: Cathleen Barton, Chair

8. Create Cyber Hygiene programs for educational institutions targeting K-12 (students, families, and teachers) - podcasts, assessment tools, and more.

9. Ensure the quality and quantity of educators, faculty, and trainers needed to develop a cybersecurity workforce

Regulatory: Michael DiMaria, Chair

10. Develop an incentive based-behavior modification strategy with regulatory agencies focused on insurance – preventative measures.

The partner network between the subgroup and key players in the state is strong. The subgroup members each have networks including Arizona Commerce Authority, Arizona Technology Council, Greater Phoenix Chamber Foundation, and Cybersecurity Collaborative.

Mr. Grimmelmann thanked Ms. Barton and mentioned that the presentation would be accessible for the team members after the meeting. Mr. Grimmelmann then introduced the Intel sharing subgroup.

Intel Sharing Subgroup Chair Presentation and Discussion

Mike

Fish

Cyber Intel Sharing, Response, and Awareness (CISRA)

(CISRA) Charter - Set by the Arizona Cybersecurity Team

Established to facilitate the development of strategic partnerships to foster an ongoing bidirectional exchange of information relevant to Cyber Security intel sharing, cyber response, and cybersecurity awareness.

The co-chairs explained that because the topic of 'intel sharing' is much broader than strictly meeting the intelligence sharing of threats that are carried out by the ACTIC, the subgroup references their charter when looking for how to go forward best.

CISRA Mission and Focus

Identify cyber threats and issues of concern with cyber intel sharing and recommend actionable items for citizens, government and business to take to improve the cybersecurity, cooperation, and visibility of threats in Arizona.

Key Lesson Learned

Two Co-Chairs is critical given busy schedules

Post "main questions," set by ACT

Key questions for you are "are we on the right track?"

- Implementation
- Is there funding and what would that be
- Is there funding? Can there be autonomy to apply for, accept and use grants?
- There needs to be consistent governance to maintain effectiveness
- How can security clearances be leveraged?

Mr. Mullenix asked Mr. Fish to expand on the security clearance concerns the subgroup brought up. Mr. Fish addressed the need for continuity of information for the private sector and in particular, in critical infrastructure. The subgroup is looking for more opportunities to ensure the impacted areas, with appropriate clearances, are informed accurately of the information pertinent and available.

Mr. Roemer thanked Mr. fish for the presentation and recognized the need for the meeting on Mr. Fish's responses.

Mr. Grimmelman thanked and noted how these meaningful conversations exemplify showed the work of the subgroups and the concepts they look into, to provide guidance to the Team.

New Technology Subgroup Chair Presentation and Discussion

John Gray, Art Hansen

Mr. Gray and Mr. Hansen updated the team on their subgroup's meetings and coming work products which are in draft form.

The subgroup has directed their efforts towards increasing the cost to hackers, referencing the GDPR in Europe and other possible ideas to adapt to Arizona to penalize hackers.

The co-chairs then explained the progress in their white papers.

Whitepaper: "Using Artificial Intelligence to scale response from Cybersecurity attacks."

Problem Statement:

"One of the most important aspects of customer service and, ultimately, the mission for government is assistance in times of emergency. The unfortunate part of emergency events are that they can quickly overwhelm the staff size used for ordinary or usual times. For example, with Cybersecurity, unlike natural disasters like fire or flood, which tend to be localized, Cyber Events could be easily statewide creating a scaling issue."

Opportunity Statement:

"We believe an opportunity exists to create a statewide phone number, using Artificial Intelligence (AI), to provide help when Cyber Events occur. We further believe this technology can be used to triage most routine non-emergency calls, as well as creating a very positive customer service experience, a win for both the governor and the state."

The subgroup co-chairs discussed both the Israeli 119 Cybercrime Number and Liberty Mutual MVP, as models that Arizona could look to when developing a 'universal' phone number or centralized reporting center.

The co-chairs also briefly discussed options and opportunities for moving forward in this subject matter including data privacy, Arizona's constitutional privacy protections, legal and policy tactics to handle data privacy, concerns with all new technology, and threats from the multiple actors vying for this information.

Ms. Medler, speaking on the topic of GDPR and the subgroups efforts moving forward, noted that it might help the committee to have more of an idea of the scope of what the team should and could be recommending and approving.

Open Discussion of Additional Items

Frank Grimmelman

Mr. Grimmelman invited the team to give their comments on the meeting if there were any.

Dr. Haass noted that he was happy to hear from the subgroups and that the state is looking good and working for the end goal of producing and implementing the most recent cybersecurity standards.

Ms. Medler thanked the interim CISO, Mr. Zorge for attending and sharing with the group and reiterated thoughts from others that this team has a responsibility to Mr. Zorge in his role as Interim CISO to leverage recommendations from this group to help the state be more cyber secure.

Mr. Mullenix, Mr. Boynton, Mr. Isaak, and Mr. Reed thanked the subgroups for presentations.

Mr. Lettman stated his confidence in the group as the entire team and subgroups continue to meet and exceed original expectations.

Mr. Zorge thanked the team for having him and remarked on his excitement to further provide information to the group moving forward.

Mr. Matta thanked the team for having him and the Secretary of State's office in this team and that the Secretary of State's office looks forward to engaging with this team on crucial cybersecurity issues moving forward.

Mr. Roemer Thanked everyone for their input and shared ideas and suggested that the team work between now and the next meeting to increase the actionable outcome items based on the ideas and subcommittee presentations from this meeting.

Administrative items

Tim Roemer

Mr. Roemer thanked everyone for their attendance and participation and set the future meeting dates June 20th and September 19th 9:00 -11:00 am.

Call to Public

Tim Roemer

No one from the public had comments for the team.

Adjournment

Tim Roemer

The ACT meeting adjourned at 10:32 am.