

## **BOARD OF HOMELAND SECURITY**

WEDNESDAY, DECEMBER 2, 2020

10:00 TO 11:30 AM

MEETING VIA WEBEX/CONFERENCE CALL

### **BOARD MEETING MINUTES**

#### **Board Members Present:**

James Stallings, Vice Chairperson  
Col. Chris Wright  
MG Thomas Carden  
Mark Williams  
Gary Black  
Calvin Rhodes  
Kyle Sapp  
Bill Cowsert  
Alan Powell

#### **Board Members Absent:**

Vic Reynolds  
Chris Carr  
Kathleen Toomey  
Richard Woods  
Russell McMurry

#### **Representatives Present:**

Larry Barnes  
Cristina Correia  
Ashley Harris

The Board of Homeland Security held the board meeting on December 2, 2020 via conference call. A List of Attendees, the Agenda, and the Board Presentation are attached hereto and made official parts of these minutes as Attachments #1, #2, and #3. Director James Stallings called the meeting to order at 10:00 AM.

All board members are present except Director Vic Reynolds with the Georgia Bureau of Investigation, Attorney General Chris Carr with the Georgia Department of Law, Commissioner Kathleen Toomey with the Georgia Department of Public Health, Superintendent Richard Woods with the Georgia Department of Education, and Russell McMurry with the Georgia Department of Transportation.

Vice Chairperson James Stallings welcomed everyone to the call.

#### **Roll Call**

#### **Approval of the Minutes:**

Vice Chairperson James Stallings postponed the approval of the February 5, 2020 meeting minutes since a quorum was not present.

Vice Chairperson James Stallings postponed the approval of the June 3, 2020 meeting minutes since a quorum was not present.

**Old Business:**

Vice Chairperson James Stallings asked the Board for discussion on any old business.

Joey Greene provided a legal update for the members of the Board. Philip Peacock with Georgia Power has resigned from the Board. There are two vacancies on the Board of Homeland Security and the Governor's Office will make those appointments. There will be elections at the next Board Meeting in January for Vice Chairperson and Secretary.

**New Business:**

Vice Chairperson James Stallings opened the floor for discussion on any new business.

a) Cyber Security

David Allen with the Georgia Technology Authority presented on Cyber Security and an overview of the Office of Information Security (OIS).

*See Attachment #3 for full presentation*

b) Overview of Homeland Security Grant Funding

Harlan Proveaux provided a brief overview of the 2020 Homeland Security Grant Funding. Currently, GEMA/HS is meeting with the subrecipients and awarding the grants. There are some new requirements this year from the federal government. The grant funding is split 80% to local governments and 20% to the State. The funding must go towards the four national priorities of cybersecurity, soft targets, information sharing and cooperation, and emerging threats.

**Adjournment:**

There being no further business to be brought before the Board, Vice Chairperson James Stallings adjourned the meeting at 10:55 AM.

**Official Attachments:**

1. List of Attendees
2. Agenda
3. Board Presentation

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**BOARD MEETING ATTENDEES**

**Board Members:**

James Stallings, Vice Chairperson  
Col. Chris Wright  
MG Thomas Carden  
Mark Williams  
Gary Black  
Calvin Rhodes  
Kyle Sapp  
Bill Cowsert  
Alan Powell

**Others Attending:**

Anna Braue  
Joey Greene  
Harlan Proveaux  
Ashley Seay  
Mike Smith

**Representatives:**

Larry Barnes  
Cristina Correia  
Ashley Harris



# Board of Homeland Security Meeting

## AGENDA

*December 2, 2020*

*10:00 - 11:30 A.M.*

**Meeting via WebEx/Conference Call**

**gema.webex.com OR call 1-855-282-6330**

**Meeting Number: 178 298 6528**

**Password: HS120220**

<b><u>Agenda Topic</u></b>	<b><u>Speaker</u></b>
<b>Call to Order</b>	James C. Stallings, Vice Chairperson GEMA/HS
<b>Roll Call</b>	
<b>Approval of Minutes from February 5, 2020</b>	
<b>Approval of Minutes from June 3, 2020</b>	
<b>Old Business</b>	James C. Stallings, Vice Chairperson GEMA/HS
<b>New Business</b>	
a) Cyber Security	David Allen, CISO GTA
b) Overview of Homeland Security Grant Funding	Harlan Proveaux, Deputy Director GEMA/HS
<b>Adjournment</b>	



GEORGIA  
TECHNOLOGY  
AUTHORITY



#### OUR VISION

*A transparent,  
integrated enterprise  
where technology  
decisions are made  
with the citizen in mind*

#### OUR MISSION

*To provide technology  
leadership to the state  
of Georgia for sound IT  
enterprise management*

**December 2<sup>nd</sup>,  
2020**

# Board of Homeland Security

## Office of Information Security (OIS) Overview

*David Allen - CISO*

## Agenda

GTA OIS Mission and Strategy  
Cyber Trends  
Board Mission Area Applicability  
Prevention and Protection  
Response and Recovery  
Recommendations  
Questions / Discussion

# GTA Mission & Strategic Goals



**GTA's mission:** To provide technology leadership to the state of Georgia for sound IT enterprise management

**GTA IT Strategic Goal 1:** Build a culture of information security awareness, preparedness and resilience, and mature the State of Georgia information security program

## OIS Strategic Priorities

1. Enhance security on state networks
2. Develop a cyber-ready workforce
3. Build enduring partnerships

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## Top Four Drivers of Cybersecurity Complexity

**1-Sophistication** and **sheer range of cyber threats** continue to evolve



**3- Regulatory complexity** is growing



**2- Complex and mostly federated state government environments** pose governing challenges



**4- Difficulty** with resolving competing fiscal requirements



The cyber risk landscape continues to rapidly evolve.

The CISO's job of safeguarding state's information assets is getting more challenging.

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# Top Cybersecurity Trends for 2021

- Cybercriminals took advantage of the sudden move to remote work
- Exploit of unpatched VPNs and other remote access technology
- Solution convergence due to reduced IT spending
- Financial pressures on the healthcare industry further decrease security funding
- Increased attacks toward institutions maintaining financial data
- Digital transformation a ‘silver lining’
- Data / Identities = “currency”



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## BoHS Mission Areas Applicable to OIS



**Prevention** – Actions to avoid an incident or to intervene or stop an incident from occurring

**Protection** – Actions to reduce the vulnerability of critical infrastructure or key resources

**Response** – Activities that address the short-term, direct effects of an incident

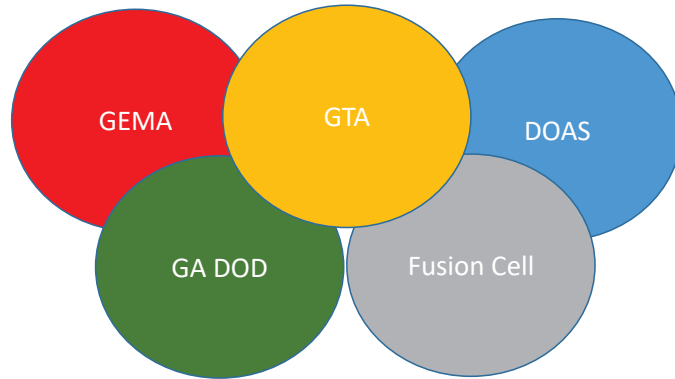
**Recovery** – Activities that include the development, coordination, and execution of infrastructure restoration plans

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- **Federal Partners:** FBI, DHS, CISA, and DOD provide free resources for prevention and incident response.
- **GEMA:** Controls overall emergency response, to include Cyber severity 1 incidents.
- **GTA OIS:** Responsible for initial incident response triage within the executive branch and outside the executive branch as delegated by GEMA. Maintains security contracts available for state/local use.
- **DOAS:** Maintains executive branch cyber insurance policy.
- **Fusion Cell:** OIS maintains personnel in the fusion center and is partnered with the Cyber Crimes Task Force.
- **GA DOD:** Maintains resources via the Cyber Protection Team for response to SEV 1 incidents and overall training support.

## GA Government Cyber Ecosystem

### Federal Partners



### Local Government / Education / Private

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# Prevention and Protection



## Prevention/Protection: OIS Outreach

- Monthly Information Security Officer meetings open to all branches, state and local
- OIS actively shares threat intelligence to all state and local partners
- Cyber awareness presentations to multiple state and local government agencies in 2020
- Cyber Workforce Academy training in cooperation with the Georgia Cyber Center (GCC)
- Annual Cyber Dawg exercise at GCC in cooperation with GA DOD
- On-demand tabletop facilitation for state agencies

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## Cyber Awareness Training 2020

### New Hire Training Schedule

- 90-day duration
  - Training modules - ***Introduction to Phishing; Protection Against Ransomware***

### Ongoing Scheduled Training: 2020

- **Q1:** Training modules - ***Security Essentials; Social Engineering***
- **Q2:** Phishing campaign + additional training – Retake New Hire Training Assessment that will drive additional training modules
- **Q3:** Training modules - ***Avoiding Dangerous Attachments; Data Protection & Destruction***
- **Q4:** Phishing campaign + additional training – Retake New Hire Training Assessment that will drive additional training modules
  - Cybersecurity Awareness Month Activities

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## Assessments and Scanning

- **External vulnerability detection and scanning:**
  - MS-ISAC monthly web profiler (in-production)
  - BitSight Cyber Risk Rating Service (roll-out ongoing)
  - Vulnerability Disclosure Program (pilot completed September, full production June 2021)
  - Tenable Vulnerability Management System (GETS+)
- **Assessment Sequence of Events (6-8-week engagement)**
  - Pre-scan and document collection
  - Documentation analysis and interviews
  - 2<sup>nd</sup> vulnerability scan and final report development
  - Executive summary and findings delivered

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## Response and Recovery

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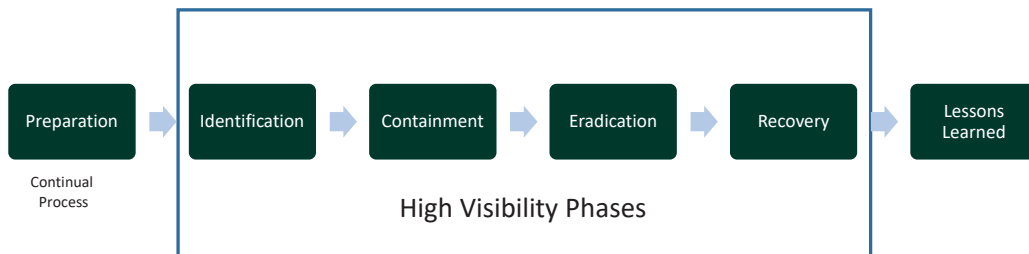
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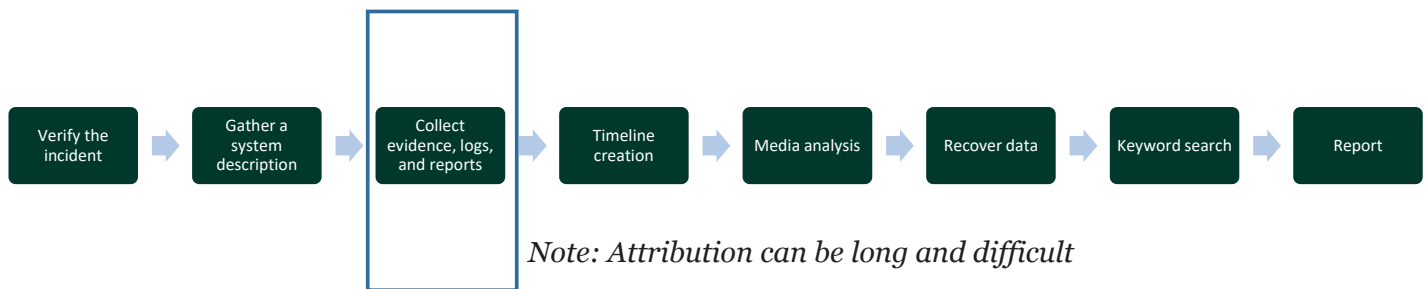
## Response/Recovery: Incident Handling Methodology



*Note: Completion intervals for each phase vary widely*

**Source:** The SANS Institute

## Response/Recovery: Forensics Methodology



**Source:** The SANS Institute

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## Lessons Learned - Ransomware

1. Get vendor partners involved early
2. Ensure proper licensing on all products prior to recovery
3. Use as an opportunity to evaluate candidates for cloud transition
4. IT shops need a designated security rep that is properly trained and credentialed
5. An adequate backup solution saves significant time and \$\$
6. Insurance is not a 100% solution



## Recommended Next Steps – Homeland Security

1. Continue development / communication of incident reporting process
2. Continue evolving and integrating threat intelligence processes
3. Increase cyber education / training to the local level
4. Continue inter-agency cooperation for cyber events and exercises
5. Encourage cyber incident response plan development at the local level



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# Questions/ Open Discussion