Information Sharing and Analysis Organization (ISAO)
Standards Organization

Standards Organization
Online Meeting
21 January 2016
Agenda

• Standards Organization Introductions
• Chair / Vice-Chair Appointments
• Working Group Chair introductions
• Standards Organization Advisors to the Working Groups
• SWG Portal
• ISAO Website
• Timeline of Upcoming Events
• Information on upcoming 9 February Public Meeting at UT at San Antonio
• Points of Contact
• Participation
• Questions & Answer Period
Why Are We Here?

“The cyber threat is one of the most serious economic and national security challenges we face as a Nation.”

President Barack Obama, March 2010

Mission: Improve the Nation’s cybersecurity posture by identifying standards and guidelines for robust and effective information sharing related to cybersecurity risks/incidents and cybersecurity best practices.

Vision: A more secure and resilient Nation that is connected, informed and empowered.
• Chairs and Vice-Chairs are appointed for a one year initial term of office

• Appointees have accepted and a special webinar for SWG leadership was held 8 January

• Diverse and Senior Leadership: Cybersecurity Industry, ISACs, Government, and other organizations bring high degree of talent to the working groups

• Applications for core development teams and general membership provided to the Chairs for their action
Standards Working Group Roles

ISAO SO

Standards Working Group

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Standards Working Group Contributors

Core Development Team:
Chair, Vice-Chair,
Secretary, SO Advisor,
Team Members

General Members

Public Comment
Potential Key Topics

• Organizing principles of the ISAO
• Define membership: types of membership, expectations, rules of behavior
• ISAO leadership and management structure
• Financing the ISAO
• Advertising the ISAO for prospective members and building trust between members
• Identification of agreements: MOU, MOA, NDAs

Frank J. Grimmelmann, President & CEO/ Intelligence Liaison Officer, ACTRA - Arizona Cyber Threat Response Alliance
Deborah Kobza, President & CEO, Global Institute for Cybersecurity + Research

Objective: Identify and capture the elements necessary for an interested organization to stand up an ISAO. These elements will serve as the basis for creating an ISAO and will have enough flexibility in design to fit the needs of diverse interested organizations.
Objective: Identify and capture the capabilities necessary for an interested organization to effectively operate an ISAO. These capabilities will support day-to-day operation of the ISAO and support its main function: to share and receive cyber information in a timely and effective manner. Capabilities must allow for the most basic ISAO and also support more sophisticated organizations.

Potential Key Topics

- Baseline standards for operational, technical, analytical, and personnel capabilities
- Establish capabilities associated with various tiers or categories of ISAOs
- Establish capabilities for business analysis, process and project management, and administration
- Determine certifications (technical and others)
Objective: Identify and capture items and develop the guidance necessary for an interested organization to effectively share cyber information (threat indicators, vulnerabilities, and best practices) within an ISAO or externally.

Potential Key Topics

- Vetting data from internal and external sources
- Analysis of threat, vulnerability, and incident data
- Sharing information within an ISAO to its members
- Sharing information with external entities
- Optimize operational architectures and sharing information protocols
Objective: Identify and capture the steps to safeguard information (both proprietary and privacy related). Detail the processes and procedures to prevent unauthorized release or access to information not cleared for release. Address how to meet Federal, State, Local, and Tribal laws regarding privacy.

Potential Key Topics

- Anonymization and minimization data
- Redacting privacy information and personally identifiable information
- Intellectual property management and handling
- Authentication process for accessing ISAO information
- Protections for ISAO members and third parties when information is shared with US Government
Working Group 5: ISAO Support

Carlos Kizzee, Executive Director, Defense Security Information Exchange

Objective: This working group will work closely with the ISAO SO to provide assistance to emerging ISAOs by developing and implementing processes that assist the community of emerging organizations expressing interest in or defining themselves as ISAOs with the identification and proper application of the relevant standards, knowledge, experience, and capabilities available to support their development as an ISAO.

Potential Key Topics

- Develop techniques and strategies to assist in the creation and maturation of ISAOs
- Work with emerging ISAOs and assist with resolution of unforeseen issues
- Develop metrics to gauge the effectiveness of information sharing and analysis efforts
- Address implications of information sharing and analysis
- Provide user feedback to other Standards Working Groups

SO Advisor: Natalie Sjelin
Working Group 6: Government Relations

Mike Echols: Director, Cyber Joint Program Management Office U.S. Department of Homeland Security
David Weinstein: Cybersecurity Advisor, State of New Jersey

Objective: This working group will identify and address issues associated with ISAO interactions with the Intelligence Community, Law Enforcement, US Regulators, and Homeland Security.

Potential Key Topics
• Legal issues and/or responsibilities when working with Law Enforcement
• Legal issues and/or responsibilities when working with the Intelligence Community
• Managing interactions with Regulators
• Requirements for information sharing between Government and the private sector

SO Advisor: Brad Howard
Standards Organization Advisors to the Standards Working Groups

- Three SO Advisors are assigned to the six Standards Working Groups (SWG)
  - Natalie Sjelin: ISAO Creation and ISAO Support
  - Daniel Knight: Information Sharing and Privacy & Security
  - Brad Howard: ISAO Capabilities and Government Relations

- SO Advisor Responsibilities
  - Support their assigned SWG by assisting in resolving standards development questions, processes, procedures
  - Act as a go-between with the Advisors of the other groups and facilitate unity of effort
  - Coordinate with the ISAO SO for approval of proposed working group products
  - Assist the Chair/Vice-Chair regarding compliance questions with the SWG Charter and bylaws
  - Assist with Webinar and other meeting scheduling
  - Basically: remove roadblocks to success as they occur
Standards Working Group Portal

• A SharePoint capability for the SWGs has been developed

• A home page will be accessible by all SWG leadership and core development teams

• Each working group has their own location for collaborative work within their working group

• Leaders within each working group may schedule online meetings with their team

• Standards development is performed in a collaborative environment
Standards Organization Webpage

• The Public ISAO SO webpage is in final testing: in production 31 Jan, 2016

• Information posted will include:
  • Upcoming events
  • Downloadable information (transcripts, minutes) from previous online/public meetings
  • Working Group information
  • News updates regarding the ISAO SO
  • Standards for public comment (when available)
  • Published Standards ready for download and use by ISAOs (when available)
  • Membership information
  • Contact info
  • FAQs
Time is Our Enemy
Upcoming Events

• In-Person Public Meeting: February 9th, San Antonio TX

• Online Public Meeting: March 10, 10:00-11:00 Central (11:00-12:00 Eastern)

• In-Person Public Meeting: April 5th, San Diego CA

• Public meetings will be held monthly. In-Person and Online meetings advertised on the ISAO.Org webpage
ISAO SO Key Points of Contact

• Dr. Gregory White, Executive Director, ISAO SO
• Mr. Rick Lipsey, Deputy Director, ISAO SO and Director, Stakeholder Engagement
• Mr. Brian Engle, Executive Director, R-CISC
• Dr. Keith Harrison, Director, Standards Lifecycle Management
• Ms. Natalie Sjelin, Director, ISAO Support

• Organizational E-mail: ISAO@lmi.org
Participation

- First of all: Thanks for joining us today for our monthly Public Meeting

- We all wish to extend a call to participate further
  - The Standards Working Group Application Form can be found at the ISAO web page (http://www.lmi.org/en/News-Publications/News/Events-(1)/ISAO-Standards-Organization)
  - Email completed form to ISAO@lmi.org

- Calls/Emails going out now for those who have already applied