Global Standards Council (GSC)

Executive Summary for the GAC

GSC Overview

Chair: Tom Clarke, Ph.D.

Co-Vice Chairs:
Mr. Scott Came
Mr. John Ruegg

The GSC seeks GAC approval of the following reference service standards:

Entity Resolution and Merge Notification Services (ERS):

When used in conjunction with one another, the Entity Resolution and Merge Notification services are expected to assist investigators in building a complete entity profile (i.e., person, place, item, location) based on entity records from multiple justice systems and will provide investigators with additional entity information that could lead to criminal apprehension. Law enforcement support systems (e.g., federated query or link analysis applications) will use these services whenever they need to determine (at some probability) whether two entities are the same based on similar attributes within a record. Additional detail on each service was provided to the GAC membership in advance.

GSC Task Team Highlights

Federated Identity and Privilege Management Task Team

Chair: Mr John Ruegg

Ongoing Efforts:

✦ The Global Federated Identity and Privilege Management (GFIPM) deliverables are being aligned with Federal Identity, Credential and Access Management (FICAM) within the context of the operational National Identity Exchange Federation (NIEF) and NIEF's efforts to become a FICAM Trust Framework Provider (TFP). NIEF has been notified that its FICAM TFP approval is currently pending GSA legal review. After FICAM TFP approval of NIEF is complete, the GFIPM Task Team will begin the process of formally reviewing all FICAM-aligned GFIPM documents and deliverables.

✦ The National Identity Exchange Federation (NIEF), which uses GFIPM, will pilot a Trustmark Framework as part of a Georgia Tech Research Institute (GTRI) pilot program grant under the National Strategy for Trusted Identities in Cyberspace (NSTIC). This Trustmark Framework is expected to provide multiple benefits to the Global community and other communities, including the following:

  • A viable path forward for resolving the "interfederation" problem that the GFIPM community now faces

  • A viable path forward for information sharing federations across multiple communities of interest (justice, health, etc.) to share and reuse identities in a trusted manner

  • Greater transparency into the requirements of various trust frameworks

  • Greater ease of comparability between various trust frameworks

  • Greater potential for reusability of trust framework components

  • Cost savings over time as trustmarks are reused across an entire identity ecosystem that encompasses many communities of interest

✦ The GFIPM Task Team will facilitate the formal implementation of a Trustmark Framework for the Global community, including a Trustmark and Trust Fabric Registry, a Trustmark Definition authoring tool, etc.

✦ The GFIPM Task Team will develop a strategy for GFIPM support of secure Mobile and RESTful information exchange use cases. This work includes the following threads of activity.

  • The team is developing a "GFIPM REST Services Profile" document, which includes normative specifications for eleven (11) Service Interaction Profiles (SIPs) that collectively support a robust set of secure information exchange use cases involving RESTful services and mobile devices. These SIPs provide GFIPM-specific constraints and guidance related to the use of OAuth, OpenID Connect, and other

Federated Identity and Privilege Management Task Team
(continued)

security specifications that are typically employed in RESTful data exchange scenarios. In addition to developing this profile document, the team will make the necessary edits to existing GFIPM specifications and other work products, to harmonize those artifacts with new REST and mobile requirements.

- In conjunction with the GFIPM REST Services Profile, the team is developing a set of implementer tools for community members who wish to implement SIPs from the profile document. These tools include online test harnesses, downloadable libraries, and implementer documentation.

✦ The GFIPM Task Team will release a GFIPM "Backend Attribute Exchange" (BAE) Profile that facilitates the exchange of supplementary attribute data about users via the BAE attribute exchange paradigm. The team will then solicit community input on the profile and make any necessary adjustments prior to its final publication.

✦ Leveraging the existing operational GFIPM/NIEF Attribute Registry, the GFIPM Task Team will develop a formal process for the life-cycle management and harmonization of ICAM attribute definitions for justice and public safety, plus other domains tangential to justice and public safety.

✦ To help facilitate and coordinate these efforts among its members, the GFIPM Task Team will convene two meetings during 2015. The first will occur on February 3–4, 2015, in Atlanta, Georgia. The second will occur in the late summer or early fall of 2015, at a location TBD.

Global Justice/Health Services Task Team
Chair: Mr. James Dyche

Opportunities for Information Sharing to Enhance Health and Public Safety Outcomes: In April 2013, IJIS Institute partnered with the Urban Institute (and a number of representatives from Global) to published a comprehensive report that outlined ". . . thirty-four (34) beneficial opportunities for inter-domain information exchange . . ." between the health and justice communities of interest.

Prioritizing Justice-to-Health Exchanges Task Team Final Report: At the request of Global and BJA, the Global Strategic Solutions Working Group (GSSWG) then reviewed all 34 exchanges "with a focus on identifying and prioritizing the top 10 information sharing exchanges with the greatest potential benefit to the criminal justice community."   This work product represented a unified set of priority exchanges based on the diverse business priorities of the Global membership.

Aligning Justice-to-Health Exchanges Task Team Final Report: In turn, the Global Standards Council's (GSC) Justice/Health Task Team (JHTT) conducted a detailed analysis of the aforementioned top 10 exchange priorities and identified the most common, high-priority information exchanges between the two domains with a focus on the reentry business process. Also, the Justice/Health Task team conducted an initial analysis on providing interoperability between the data and services layers of the justice and health technical architectures. The final report was published in August 2014 and provided to Global leadership for further consideration. This report identified cross-domain exchanges which both business domains have identified as carrying high value operationally.

Next Steps: This task team disbanded after producing the final report referenced above. In turn, GSC is working with DOJ and IJIS to identify and document services to enable the delivery of these priority and highly aligned exchanges between the justice and health business domains and technical architectures.

Harmonization Task Team

Chair: Mr. Scott Came

Online Training. The Harmonization Task Team (HTT) reviewed and contributed content for a series of training modules that will serve to educate the greater justice and public safety communities on the normative information sharing components of the Global Standards Package (GSP). These initial training modules—developed by SEARCH with the support of the National Center for State Courts (NCSC)—establish the business-case, utility, high-level components of the GSP and are intended for all audiences. The training uses warrant automation scenarios throughout the training to demonstrate how stakeholders leverage the GRA guidelines and provides examples of how to develop and implement GRA-conformant specifications. These initial modules were completed in late 2014, and subsequent modules will focus on more detailed components of the GSP (e.g., service identification and design, service and interface description documentation, execution context). SEARCH anticipates completion of the training in the summer of 2015.

Services Task Team

Chair: Mr. Jim Douglas

The following reference service specifications have been nominated to Global for consideration as Global reference services and are undergoing a thorough technical and business evaluation review process. The GAC should expect to receive these information exchange services for approval later this spring:

✦ Arrest Reporting Service: Will assist with automating policy response to reporting of arrest information. Some examples of policy response could be reporting the arrest to an N-DEx service, filing charges, or notifying interested parties. A likely consumer of this service is any agency able to issue arrest reports, most likely law enforcement agencies. Next Step: Complete technical evaluation followed by an open public review/comment period.

✦ Disposition Reporting Service: Will assist with automating a policy response to report disposition information. Some examples of policy response could be reporting the disposition to a repository and/or notifying interested parties. A likely consumer of this service is any agency able to issue disposition reports, most likely courts. Next Step: Complete technical evaluation followed by an open public review/comment period.

Throughout calendar year 2015, the GSC anticipates receiving the following services from Global partner technical assistance providers for consideration as Global reference services. In turn, each service will be subjected to a thorough technical and business evaluation process along with an open public review and comment period before being nominated to the GAC for consideration:

- Person Search Services
- Juvenile History Services
- Treatment History Query Services
- Incident Reporting Services
- Firearm Registration Query Services

Reference Service Nomination: In the event that any GAC member becomes aware of a successful justice-affiliated information sharing service implementation, we encourage those services to be nominated to Global for consideration as a Global reference service standards that others within the community could then access and reuse. Please contact the GSC Chair or any GESC member to initiate this process.

Corrections Management and Reentry Risk/Need Assessment: Following the lead of the GSSWG's Corrections Management and Reentry Task Team (CMR TT), whose goal is to encourage the automation of common data elements of risk/need assessment instruments, the GSC STT is now exploring service specification development for the most common data elements that address the history of antisocial behavior (the risk factor most frequently addressed among the 34 assessment instruments evaluated). Next Step: Determine which data comes from which sources and group the elements by that method into services.

Global Standards Council (GSC)
Executive Summary and GSC Items for the GAC

GSC Leadership

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Vice President, Research and Technology Services
National Center for State Courts

John Ruegg, GSC Co-Vice Chair
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Scott Came, GSC Co-Vice Chair
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Mr. Jim Douglas
SEARCH, The National Consortium of Justice Information and Statistics

Mr. James Dyche
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Mr. Adam Matz
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FBI/Criminal Justice Information Services (CJIS) Liaison

Mr. Jim Gerst

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Upcoming Meetings

✦ GSC
  • Late spring/early summer 2015—Annual Face-to-Face Meeting, Washington, DC
  • Monthly recurring virtual meetings

✦ Global Federated Identity and Privilege Management Delivery Team (GFIPM DT)
  • February 3–4, 2015, Atlanta, Georgia
  • Fall 2015, location TBD

✦ GSC Task Teams
  • Recurring virtual meetings

For More Information

For more information about the GSC, contact Global at (850) 385-0600, extension 272.

For more information about other DOJ information sharing initiatives, go to

www.it.ojp.gov

About the Global Advisory Committee

The Global Advisory Committee (GAC) serves as a Federal Advisory Committee to the U.S. Attorney General. Through recommendations to the Bureau of Justice Assistance (BJA), the GAC supports standards-based electronic information exchanges that provide justice and public safety communities with timely, accurate, complete, and accessible information, appropriately shared in a secure and trusted environment. GAC recommendations support the mission of the U.S. Department of Justice, initiatives sponsored by BJA, and related activities sponsored by BJA's Global Justice Information Sharing Initiative (Global). BJA engages GAC-member organizations and the constituents they serve through collaborative efforts, such as Global working groups, to help address critical justice information sharing issues for the benefit of practitioners in the field.