

SIG Application

Global Cybersecurity Observatory

A. Proposed name of the SIG

The present SIG shall be named “***Global Cybersecurity Observatory SIG***”. Hereinafter referred to as “GCO-SIG” or GCO”.

[in Spanish: Observatorio Global de Ciberseguridad SIG]

[in French: Observatoire Mondial de la Cybersécurité]

[in Portuguese: Observatório Global de Cibersegurança]

[in Russian: Глобальная обсерватория по кибербезопасности]

[in Chinese: 全球網絡安全觀察站]

[in Arabic: المرصد العالمي للأمن السيبراني]

B. Target community to be served

Cybersecurity has spread both horizontally and vertically on the global stage; it has become a cross-border/global issue not only affecting, but also being shaped by governments, private actors, civil society groups and academia. Along with these dynamics, the question of how to face cybersecurity matters becomes an ever-pressing concern.

Since cybersecurity has become a cross-border issue affecting governments, companies, communities and individuals worldwide, any individual, group or organization of the global community which are interested in collaborating and discussing how to address the current cybersecurity-related issues are welcome to join Global Cybersecurity Observatory (GCO).

GCO welcomes any individual, group or organization interested in addressing the main challenges and opportunities for cybersecurity issues.

No restriction will be made based on gender, race, age, nationality, religion or background.

C. Purpose and scope of SIG

Background:

According to the Internet Society¹: *“[Any] cybersecurity framework needs to start with an understanding of the fundamental properties of the Internet (open standards, voluntary collaboration, reusable building blocks, integrity, permission-free innovation and global reach . . .) and an appreciation of the complexity of the cybersecurity landscape. It should be premised on fostering trust and protecting opportunities for economic and social prosperity. Furthermore, real security on the Internet can only be realized within a broader context of trust and respect of fundamental human rights on internet and values, such as privacy.*

Achieving security objectives, while preserving these fundamental properties, rights and values is the real challenge of cybersecurity strategy. The design and implementation of security solutions should be undertaken with consideration as to the potential effect they might have these fundamentals.

Everyone has a collective responsibility for the security of the Internet: multistakeholder cross-border collaboration is an essential component.

Commercial competition, politics and personal motivation play a role in how well collaboration happens. But, as collaborative efforts have demonstrated, differences can be overcome to cooperate against a threat. Such voluntary as-needed “working for the benefit of everyone” collaboration is remarkable for its scalability and its ability to adapt to changing conditions and evolving threats, yielding unprecedented efficacy.

“People are what ultimately hold the Internet together. The internet’s development has been based on voluntary cooperation and

¹ ISOC Report: “Collaborative Security An approach to tackling Internet Security issues”.
<https://www.internetsociety.org/collaborativesecurity>

collaboration which remain the essential factors for the Internet's prosperity and potential."

"Collaborative Security"² is an approach that is characterized by five key elements:

- ***Fostering confidence and protecting opportunities:*** The objective of security is to foster confidence in the Internet and to ensure that continued success of the Internet as a driver for economic and social innovation.
- ***Collective responsibility:*** Internet participants share a responsibility towards the system as a whole.
- ***Fundamental Properties and Values:*** Security solutions should be compatible with fundamental human rights and preserve the fundamental properties of the Internet
- ***Evolution and Consensus:*** Effective security relies on agile evolutionary steps based on the expertise of a broad set of stakeholders.
- ***Think Globally, act Locally:*** It is through voluntary bottom-up self-organization that the most impactful solutions are likely to be reached."

Purpose:

The unpredictable and fast-changing cybersecurity landscape demands that we, as members of the multi-stakeholder spectrum, develop the appropriate mechanisms of participation, collaboration and dialogue to propose how to build trust, prosperity and security on the Internet, balance national security issues with fundamental and human rights (such as, privacy, freedom of expression, etc.), and enable innovation to foster the deployment of the emerging technologies under the strictest privacy and cybersecurity standards.

Scope:

Developing knowledge and new opportunities for collaboration and discussion on cybersecurity issues, trends, rights, policies, and best practices, while building a well-informed society and

² Item

sustaining a high-value network of the next generation of cybersecurity leaders.

D. Outline of key priorities for the first year of the SIG

We intend to focus on the following strategic objectives during the first year of operation:

1. Raising awareness of the importance of designing and promoting international norms, policies, technical and regulatory frameworks, and best practices to foster a safer and more secure Internet. Building a collaborative platform to discuss, coordinate, cooperate and come up with solid and consensual solutions and initiatives to tackle the current Internet security issues.
2. Fostering confidence on the Internet as a way to develop human, social, culture, education and economic development on a global scale without Internet fragmentation.
3. Discussing the intersection between the emerging technologies (big data, Internet of things, cloud computing, blockchain, artificial intelligence etc.) and cybersecurity, and also how to map the current challenges.
4. Promoting a better cyber culture all over the globe by organizing training, education and awareness campaigns.
5. Promoting academic research on cybersecurity-related issues and establishing cooperation and collaboration alliances with private and public organizations, including but not limited to universities, centers of excellence, (think tanks, etc.) to participate and/or sponsor those projects.
6. Discussing and promoting the relevance of protecting human rights and other fundamental values (such as privacy, freedom of expression, etc.) in the development of any technology or policies.
7. Promoting international best practices and standards in the technical field.

E. Founding members and members of the SIG

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* Founding members are those members who played a proactive and collaborative role during the preparation process of this application. Their names are marked in blue font

F. List of supporters and partner organizations

We intend to build collaborative networks and garner sponsorships from various civil society organizations, technical communities, private companies, governments and international organizations whose objectives are similar to those of the Internet Society and to ours.

At this time, we are supported by the following organizations:

- Centro de Estudios Avanzados de Banda Ancha para el Desarrollo (Nicaragua)
- Facultad de Derecho y Ciencias Políticas de la Universidad Mayor de San Andrés (La Paz - Bolivia)
- Observatorio Guatemalteco de Delitos Informáticos (Guatemala)
- Observatorio Español de Delitos Informáticos (España)
- SSASA - Empresa especializada del sector privado en Seguridad Informática (Guatemala)
- CORPECE Corporación Ecuatoriana de Comercio Electrónico (Ecuador)
- DGTIC Fundación Derecho, Gobernanza y TIC (República Dominicana)
- COLNODO - Uso estratégico de internet para el desarrollo. (Colombia). Universidad Nacional de Asunción - Facultad de Ingeniería - Paraguay.
- International Multilateral Partnership Against Cyber Threats: IMPACT: impact-alliance.org
- Red Avanzada Guatemalteca de Investigación y Educación - RAGIE (Guatemala).

Note: The aforementioned public and private organizations shall be formally deemed as supporter and partner organization upon sending to the leaders of this group via email (CC all) a commitment letter in which organization expressly agrees to join and support this group. Such letter shall be sent no later than May 10, 2017. Not receiving such letter in time and fashion indicated above would be deemed that the organization is not interested in supporting and partnering with GCO. Therefore, it would be removed from the supporter and partner organization list.

G. Membership

Membership is open with no conditions or restrictions whatsoever. The only restrictions are those set out and defined by the Internet Society for the SIG chapter members. In terms of communication channels, all information, news, meeting announcements and other correspondence will initially be sent to the registered e-mail. Eventually, when we have a website, blog page, discussion groups, and a robust social media presence so we can also use those means to broadcast and disseminate the GCO's information.

Our main goal is to have members from all over the world, who are associated with different stakeholders and committed to the Internet Society's mission, and GCO's purpose, scope and objectives. It would help us to grow up as an organization and also encourage the formation, participation, knowledge sharing and training of the new generation of leaders in this domain.

H. Bylaws

The members of GOC will abide by the rules, regulations and bylaws of GCO as outlined in Exhibit A. Furthermore, the members will be subject to the SIG rules and regulations set out by the Internet Society.

I. Leader's contact information □

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