

CTU-ARIN Public Policy Webinar Series: Webinar #4: Network Security for Public Safety

Webinar Date: 30 July 2020 from 10:00 – 11:30 a.m. (AST) • www.ctu.int | www.arin.net

Context

Interest in digital transformation has skyrocketed over the past three months as governments and businesses are forced to incorporate more technology and launch digital services in response to the COVID-19 pandemic. Each networked device is a potential entry point for a cyber attacker and managing security for every device that may potentially connect to the network can be overwhelming. Many organizations have limited to the necessary technical expertise, or to the funds needed to properly protect networks, secure applications and train users. Meanwhile, criminals and state-sponsored actors across the globe are already finding and exploiting these vulnerabilities, launching cyber-attacks at an ever-increasing pace.

As states and businesses look beyond COVID-19 to the rise in Internet-enabled services, commerce and transformation initiatives, policymakers, business leaders and end-users are all concerned about how best to protect valuable data and digital assets. Against this backdrop, this webinar will consider the critical issue of network security for public safety. Our expert speakers will consider international and regional trends, and present practical steps governments, business and users can adopt as they adapt the new normal of 21-Century digital services. By focusing on the aspects of intra-regional and international collaborations, we plan to also highlight the important role of regional and global public safety agencies and programs in defending network security for public safety.

Mr. Chris Painter, a cyber diplomat at the Global Commission on the Security of Cyberspace, along with Ms. Kerry-Anne Barrett, Cybersecurity Policy Specialist at the Organization of American States and Leslie Nobile, Senior Director, Trust and Public Safety at the American Registry for Internet Numbers will evolving cyber risks, as well as the best practices policy makers and organizations should follow to protect public interests, secure critical assets and safeguard citizens, in the midst of remote working intensification and the digital transformation. Mr. Stephen Lee, Program Coordinator at the Caribbean Network Operators Group, CaribNOG, will moderate the discussion.

BENEFITS OF PARTICIPATION:

The series will offer participants a practical understanding of the challenges, solutions and best practices to address the spike in demand for network services and digital services delivery.

Value to Participants

- ✓ Access actionable guidance for securing national and corporate interests and designing effective cyber security and strategies and programmes;
- ✓ Understand the role CTU, ARIN OAS, and other Internet-development focused organizations play in supporting digital transformation in the Caribbean;
- ✓ Engage with peers and strengthen the network of relationships to expand knowledge, stay ahead of emerging Internet trends and fine-tune national and regional digital strategies.

Join us and help define how we, together, navigate the New Caribbean Normal

ARIN-CTU: Caribbean Internet and Public Policy Webinar Series

WEBINAR AGENDA

Topic: Network Security for Public Safety

Dur.	Time	Sessions	Presenters	Organizations
5	10:00	Welcome Remarks and Speaker Introductions	Stephen Lee (Moderator) CaribNOG	
15	10:05	Cybersecurity Beyond COVID 19 – Network Security Trends and Challenges	Chris Painter <i>Cyber Diplomat Global Commission on the Security of Cyberspace</i>	
		<i>This session will address some of the major global trends in Cybersecurity and Public Safety</i>		
15	10:20	Caribbean Cybersecurity and Public Safety Priorities and Considerations	Kerry Ann Barrett <i>Cyber Security Policy Specialist Organization of American States</i>	
		<i>This session will address some of the major issues in Cybersecurity and Public Safety facing the Caribbean</i>		
15	10:35	Protecting Infrastructure, Applications, Assets and Personnel- RIRs Perspectives	Leslie Nobile <i>Senior Director, Trust & Public Policy, ARIN</i>	
		<i>This presentation examines public safety trends, common responses and practices being observed by the Regional Internet Registries.</i>		
35	10:50	QA / Interactive Discussion	Moderator Led	
05	11:25	Announcements (Upcoming Events / Announcements)		
	11:30	END		

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SESSION SYNOPSSES

Cybersecurity Beyond COVID 19 – Network Security Trends and Challenges

Chris Painter, Global Commission on the Security of Cyberspace

The rise in remote work and online service delivery has increased the risk of cyberattacks. A joint alert from the U.S. Cybersecurity and Infrastructure Security Agency (CISA) and the United Kingdom's National Cyber Security Centre (NCSC) warns, "Both CISA and NCSC are seeing a growing use of COVID-19-related themes by malicious cyber actors. At the same time, the surge in teleworking has increased the use of potentially vulnerable services, such as virtual private networks (VPNs), amplifying the threat to individuals and organizations." The challenge is amplified in small countries, such as those in the Caribbean, with human, technical and financial constraints.

This session will present current global trends and their implications for policymakers and corporate decision makers

Caribbean Cybersecurity and Public Safety Priorities and Considerations

Kerry-Anne Barrett, Organization of American States

Cybercriminals and other malicious actors are seeking to exploit our thirst for information as a vector for attack. As with other high-profile events, attackers are using COVID-19 pandemic to tailor new phishing schemes, push misinformation and comprise networks. Attackers are also taking advantage of the fact that remote works may have not the same security on their networks that would be in place in a corporate environment, or that enterprises, including governments and financial institutions, may not have the right technologies or security protocols necessary to ensure that all corporate-owned or corporate-managed devices have appropriate security protections.

This session will focus on the state of cybersecurity in the Caribbean and present specific guidance for policymakers and corporate decision makers

Protecting Infrastructure, Applications, Assets and Personnel- RIRs Perspectives

Leslie Nobile, American Registry for Internet Numbers

As cybercriminal activity grows in sophistication the network breaches can have dire consequences for individuals, organizations or even countries. Cyberattacks seldom respect borders or jurisdictional boundaries. Consequently, tracing the origin of an attack, or bring malicious actors to justice typically requires regional and international cooperation. Regional Internet Registries play a significant role in the protecting the stability and security of the global Internet. They help facilitate the important interactions between law enforcement agencies, governments, network operators and Internet service providers in the vital, behind-the-scenes work of safeguarding the global Internet.

This session will focus on the role ARIN plays in tracking network attackers and facilitating international collaboration amongst law enforcement and public safety actors.

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ABOUT THE SUPPORTING ORGANIZATIONS

About the CTU

The Caribbean Telecommunications Union (CTU) is an inter-governmental organisation dedicated to supporting the development of the Caribbean information and communications technologies (ICT) sector. The CTU has been able to create a multi-stakeholder platform that actively promotes collaboration among all ICT stakeholders and public-private partnerships. Through its expanded membership, the private sector, civil society and regulators are actively engaged in the policy formulation processes. The CTU, by its work over the last 10 years, is uniquely poised to fulfill the role first envisioned by the CARICOM Governments when they established the CTU in 1989.

About ARIN

ARIN is a nonprofit member-based organization, incorporated in 1997 in the Commonwealth of Virginia to support the operation of the Internet through the management of Internet number resources throughout its service region. ARIN coordinates the development of policies by the community for the management of Internet Protocol number resources; and advances the Internet through informational outreach. There are over 20 independent Caribbean territories in the ARIN service region and in 2018 the ARIN Caribbean Forum was created to address the Internet development needs and priorities of the Caribbean.

The OAS Inter-American Committee against Terrorism (CICTE)

OAS CICTE promotes cooperation and dialogue among member states to counteract terrorism, in accordance with the principles of the OAS Charter, with the Inter-American Convention against Terrorism. The CICTE Secretariat provides political and technical assistance in different areas, such as: Cybersecurity, Border Controls, Terrorism Financing, Prevention of the Proliferation of Weapons of Mass Destruction and Violent Extremism.

About The Global Commission on the Stability of Cyberspace (GCSC)

The Global Commission on the Stability of Cyberspace (GCSC) was established as result of the Global Conference on Cyberspace (GCCS) held in the Netherlands in 2015,. It promotes mutual awareness and understanding among the various communities working on issues related to international cybersecurity. Within the Commission, a Research Advisory Group conducts scientific research in areas including: international peace and security of cyberspace, Internet governance, law, and technical and information security.

About The Caribbean Network Operators Group (CaribNOG)

CaribNOG is a volunteer-based community of computer and telecommunications network operators dedicated to exchanging technical information and experiences related to the management of IP networks in the Caribbean region. CaribNOG collaborates with the regional and international organisations and stakeholders to facilitate capacity building and professional networking activities. Initiatives are delivered in several forms including technical workshops, seminars, research-papers and regional gatherings.

Our Supporting Organizations:

The Organization for Eastern Caribbean States, The Caribbean Network Operators Group, Internet Society, The Latin American Internet Registry, The Internet Corporation for Assigned Names and Numbers and Packet Clearing House.