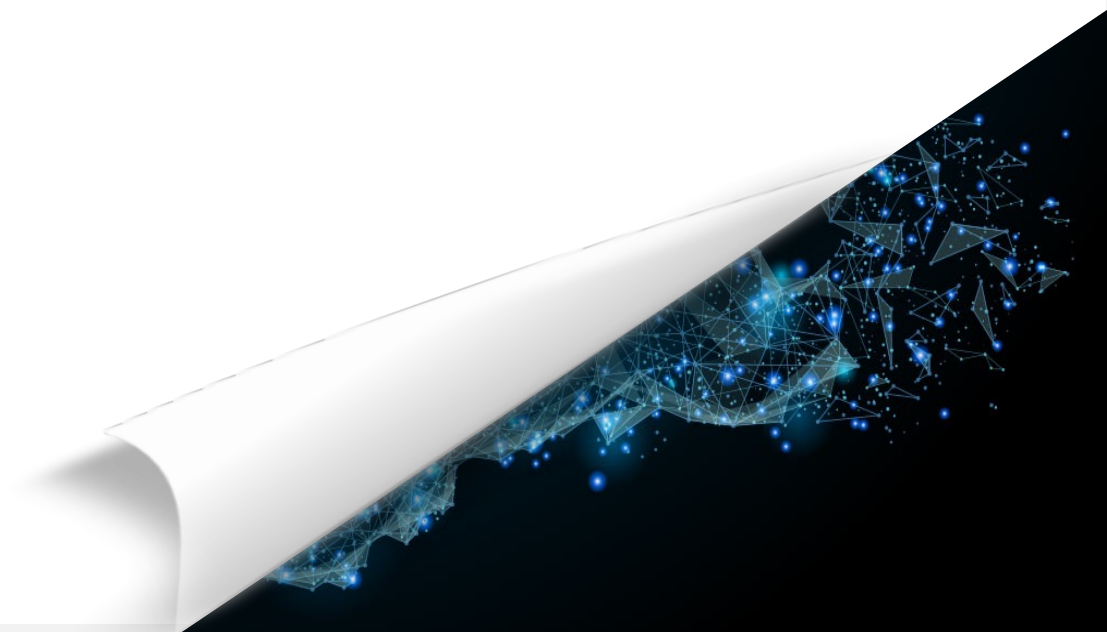# Imperatives for Digital Transformation Post-COVID-19

KEYNOTE ADDRESS by

John Curran

President / CEO American Registry for Internet Numbers (ARIN)

43rd Executive Council and the 24th General Conference of Ministers of the Caribbean Telecommunications Union (CTU)
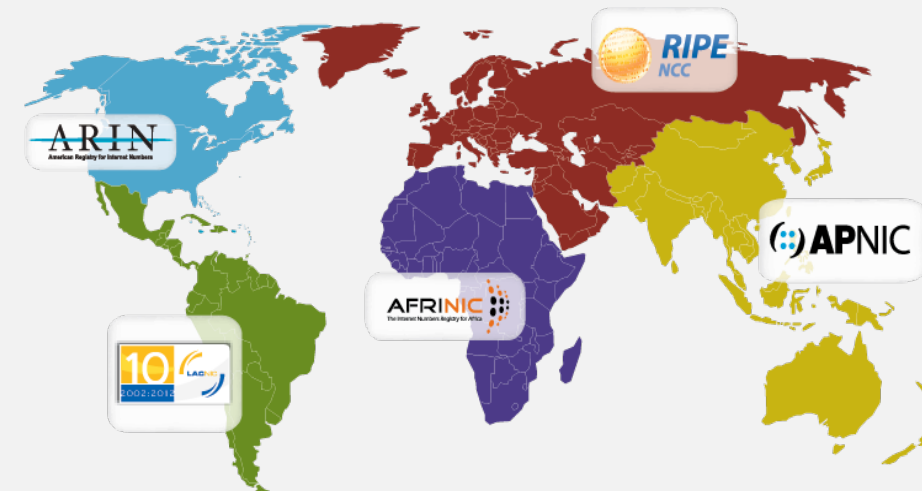
Monday 20th September 2021

Evolving Internet Developments

The American Registry for Internet Numbers (ARIN) is one of 5 Regional Internet Registries (RIR), that serve the global Internet community.

The RIRs are referred to collectively as the Number Resource Organization (NRO), whose mandate is to actively contribute to an open, stable and secure Internet

The RIRs have a unique vantage point on Internet Developments

Tracking the Evolution of the Internet

EVOLUTION OF THE NET

CLOSED — OPEN — **ALL**

WAVE ONE: RESEARCH/ACADEMICS Restricted access for military and academic use

WAVE TWO: INDIVIDUAL/SOCIAL General, commercially available

WAVE THREE: INTERNET OF ALL Confluence of commodity Internet, the Internet of Things and advanced network applications

1968-1981 Mainframe/Minicomputer — 1982-2012 Personal/Mobile/Cloud — 2013 Wearable/Embedded

CONNECTED DEVICES

	2003	2010	2015	2020
WORLD POPULATION	6.3 BILLION	6.8 BILLION	7.2 BILLION	7.6 BILLION
CONNECTED DEVICES	500 MILLION	12.5 BILLION	25 BILLION	50 BILLION

CONNECTED DEVICES PER PERSON

0.08 1.84 3.47 6.58

Cisco Systems Inc.

- The Internet has evolved to represent more than just an incredible, global technology infrastructure
- It is now now the foundation modern development, underpinning social, economic development and global order.
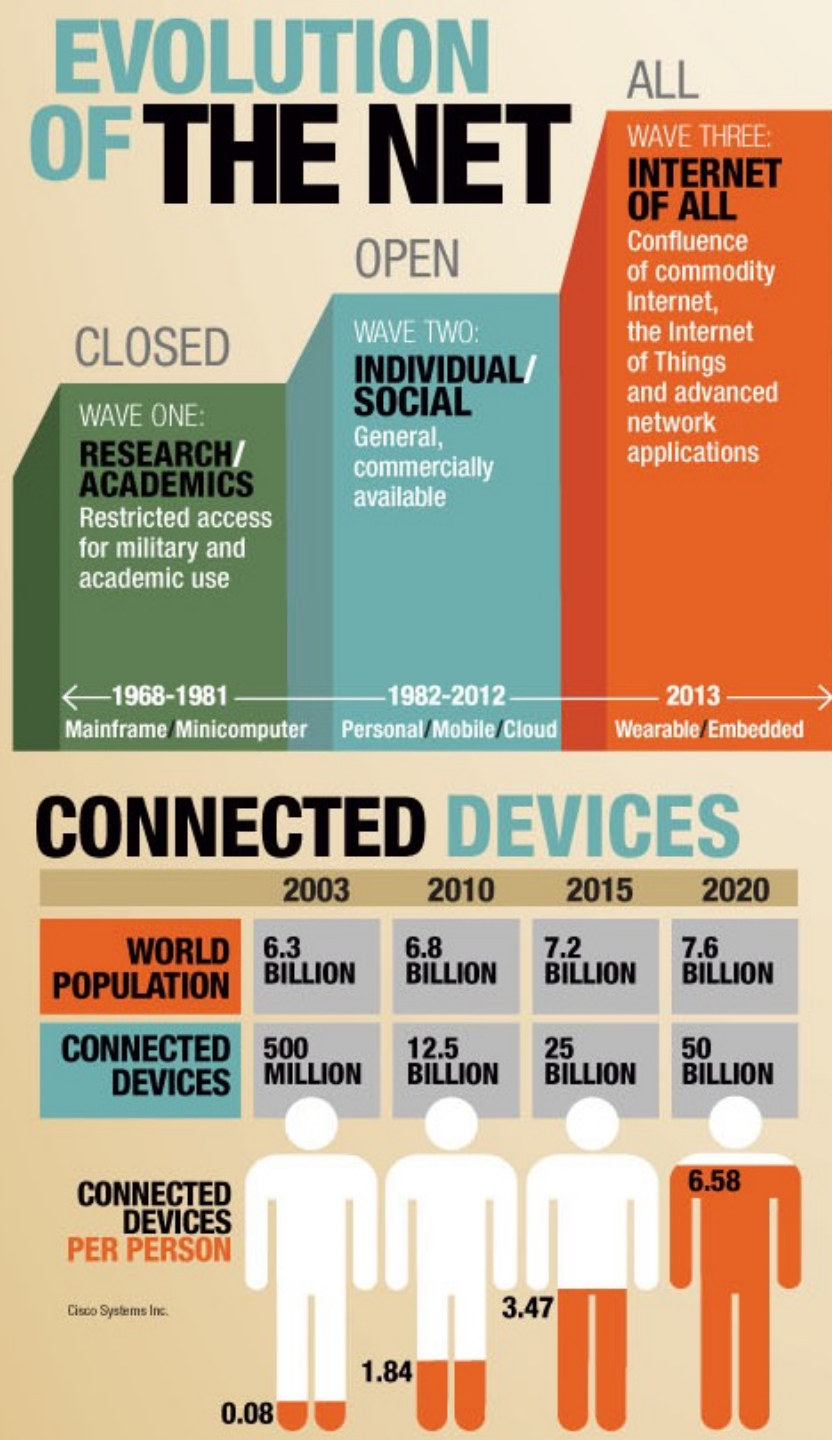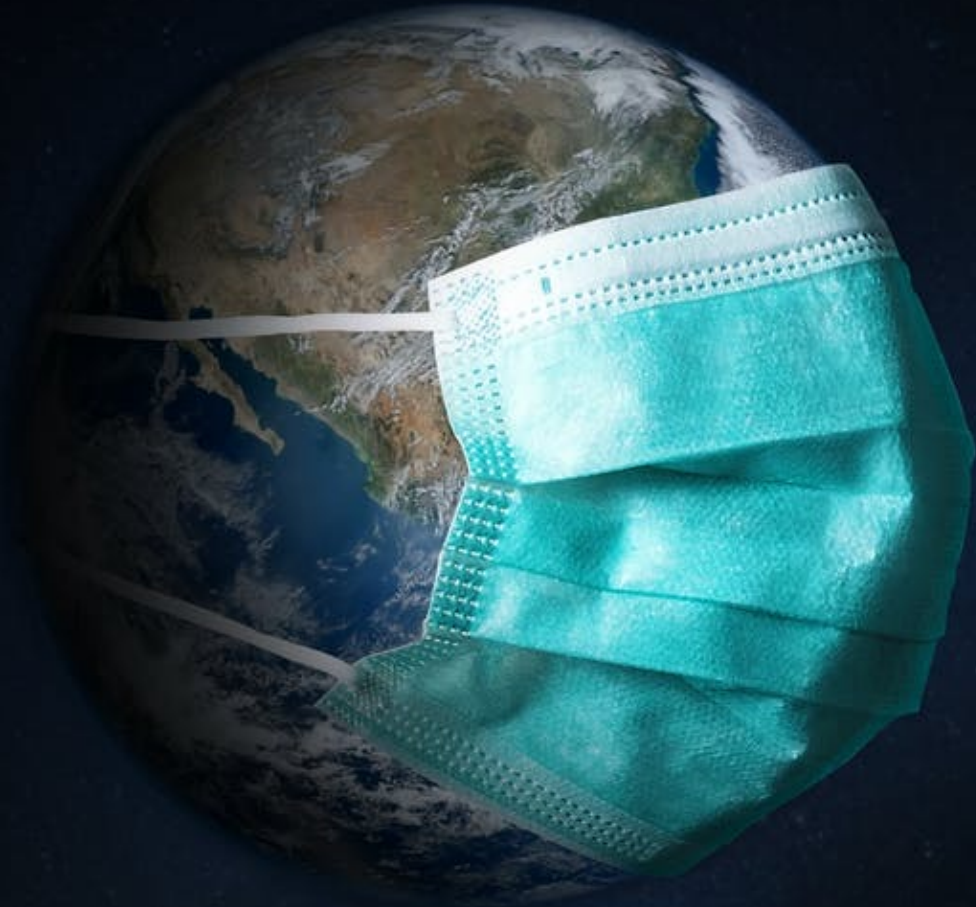
The Evolving Pandemic-Induced Global Order

- **Growing demand** for
  - Digital Skills and competencies
  - Localized digital services
  - Electronic commerce
  - Meaningful Connectivity
- **Active Remapping** of
  - Regulatory Approaches
  - Legislative Frameworks
  - Global Alliances

The Evolving Pandemic-Induced Global Order

- Accelerated Digitalization

- Increased Concern around
  - Cybersecurity
  - Data Sovereignty
  - Digital Privacy
  - Digital Divides
  - Internet Balkanization

ARIN
American Registry for Internet Numbers

The Threats Are Real

In our connected world, the sharp rise in cyber incidents has underscored the importance of have having a wholistic approach to Internet security as it is now almost indistinguishable from National Security

Today's news:

REAL
or FAKE?

80% of middle schoolers mistake sponsored content for real news

3 in 4 students can't distinguish between real and fake news on Facebook

Fewer than 1 in 3 students are skeptical of biased news sources

Students who meet the ISTE Standards for Students are able to critically select, evaluate and synthesize digital resources. That means understanding the difference between real & fake news.

Here's how to tell them apart:

REAL Comes from a respected news outlet
If you're not sure, verify the story on:
• Snopes.com
• FactCheck.org
• PolitiFact.com

FAKE Comes from an unfamiliar website
Check the home and about pages. Look for signs of:
• Satire ("for entertainment only")
• Bias (has a political agenda)

REAL URL matches the news source
Sites ending in .gov or .edu are the most trustworthy.

FAKE URL is strange or doesn't match the news outlet
• Avoid sites ending in .lo or .co.
• Carefully scrutinize sites ending in .com.

REAL Headline matches the rest of the article
Always read beyond the headline.

FAKE Headline is outrageous or doesn't match article
Be skeptical of over-the-top or emotional headlines.

REAL Has a current date
See if other news outlets have picked up the story.

FAKE May have an old date or there's no other coverage
Outdated news stories can be misleading.

REAL Has a byline naming the person who wrote the article
Google the author to learn more.

REAL Backs up claims with links to credible sources
Click the links to make sense.

FAKE Doesn't list an author, so you can't investigate them
Credible news sources provide contact information.

FAKE Fails to provide any proof of claims
Don't trust info if you can't trace back to its source.

Help your students gain media literacy skills with resources from the ISTE Blog.
• Go to iste.org/subscribe to get the latest articles delivered to your inbox.
• Dive into the ISTE Standards for Students at iste.org/StandardsForStudents

ISTE.

ARIN
American Registry for Internet Numbers

The Threats Are Real

False and deliberately misleading information are tearing away at public trust and stoking division and anxiety in astounding ways.

Never has it been more important to have global responses to these global threats.

The Internet – A Mirror of the World

"In many ways, the network has grown into a mirror of the politics, prejudices, and diverse and divergent interests of its global users. Cybercrime, mis-information and vice live alongside unprecedented opportunity for empowerment, innovation and access. This is as true in the Caribbean as it is for the rest of the world."

Bevil Wooding

Director of Caribbean Affairs, ARIN
at the 2021 Caribbean Internet Governance Forum

Opportunities in the Crisis

ARIN believes any proper response to concerns related to the Internet's development, lies in increased cooperative work between and within the institutions and communities that rely on and benefit from its existence.

Perspectives from Internet Community

- Public sector officials are best able to shape local public policy when they are aware, informed and sensitized to how global trends are impacting local priorities

- National governments, particularly in emerging economies, have a crucial role to play in ensuring future stability, security and inter-operability of the global Internet

Perspectives from Internet Community

- Public sector officials are best able to shape local public policy when they are aware, informed and sensitized to how global trends are impacting local priorities

- National governments, particularly in emerging economies, have a crucial role to play in ensuring future stability, security and inter-operability of the global Internet

ARIN Initiatives Facilitating Digital Transformation in the Region

Click to add text

Committed to Supporting Caribbean Development

ARIN
American Registry for Internet Numbers

ARIN is engaging stakeholders across the region on several fronts

## ARIN Government Affairs Department Initiatives

- Internet Public Policy Forum
- Justice Sector Forum
- Public Safety Forum

ARIN Caribbean

- Supporting CaribNOG and CarPIF in capacity building and critical internet infrastructure
- State of the Caribbean Internet Initiative - research and analysis on Internet developments in the region

Tracking International Trends

The ARIN Government Affairs Department closely tracks International trends that can potentially impact the global Internet
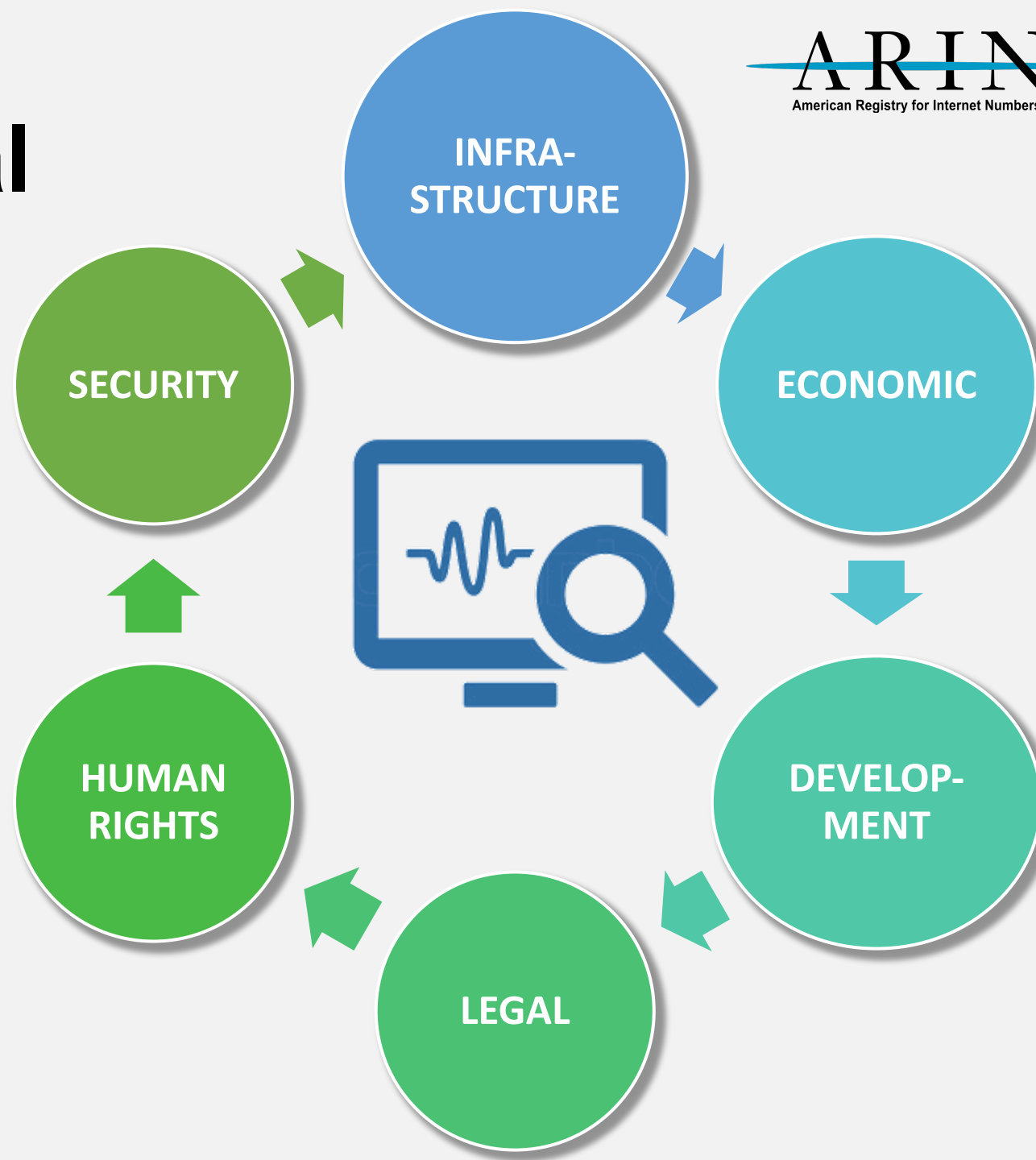
Creating Opportunities for DIALOGUE & COLLABORATION

ARIN Forum for High Level Officials

ARIN Caribbean Forum

ARIN/LACNIC Justice Forum

ARIN Forum for Law Enforcement Collaboration

State of the Caribbean Internet Initiative

ARN CARIBNOG Infrastructure and Capacity Building

ARIN
American Registry for Internet Numbers

How We Help STRENGTHEN THE COMMUNITY

Increasing Caribbean participation in ARIN Policy and Community Development

Supporting International Internet Public Policy (IIPP) development

Sharing Community positions at international for a

Fostering inter-regional collaboration on Internet governance matters

ARIN's Service Region

ARIN's region includes many (20) Caribbean and North Atlantic islands, Canada and the United States and outlying areas.

THANK YOU!

- ARIN looks forward to participating in discussions with its Caribbean stakeholders and we encourage Caribbean participation in ARIN events, like the upcoming ARIN 48 Policy Meeting

- Beyond meetings and discussions, we are committed to providing continued support to the Caribbean in service of the global Internet

ARIN
American Registry for Internet Numbers

www.arin.net

@TeamARIN