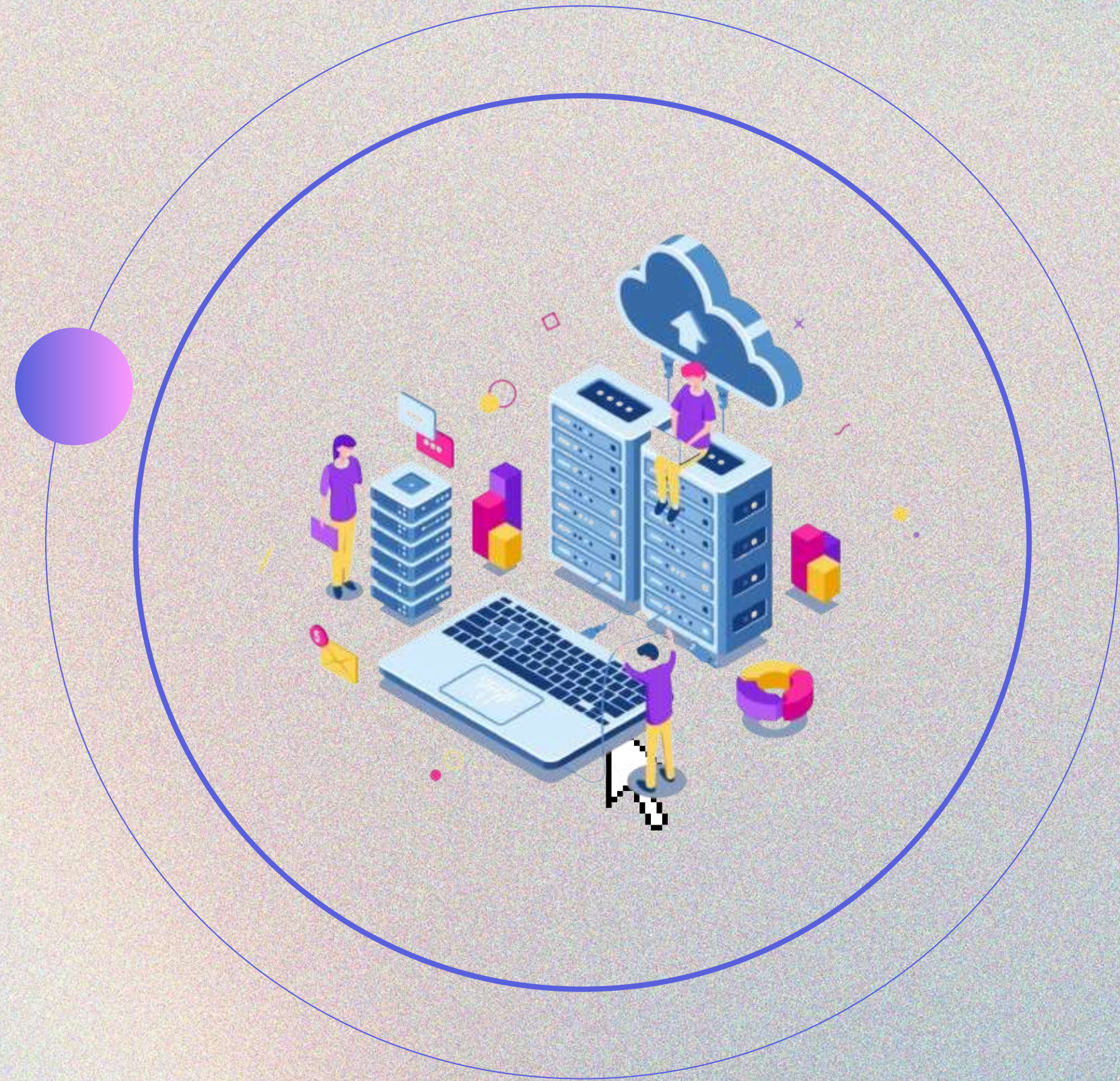


NEXTGEN@ICANN83 PRESENTATION

**DIGITAL SOVEREIGNTY AND
GLOBAL GOVERNANCE:
BRIDGING ICANN VALUES AND
LATIN AMERICAN DIGITAL
PUBLIC INFRASTRUCTURES**

Laila Lorenzon



SUMMARY

1. Introduction & Historical Context
2. DPI as a Tool for Sovereignty
3. Tensions with ICANN's Model
4. How Can DPI Align with ICANN
5. Recommendations



1. INTRODUCTION & HISTORICAL CONTEXT

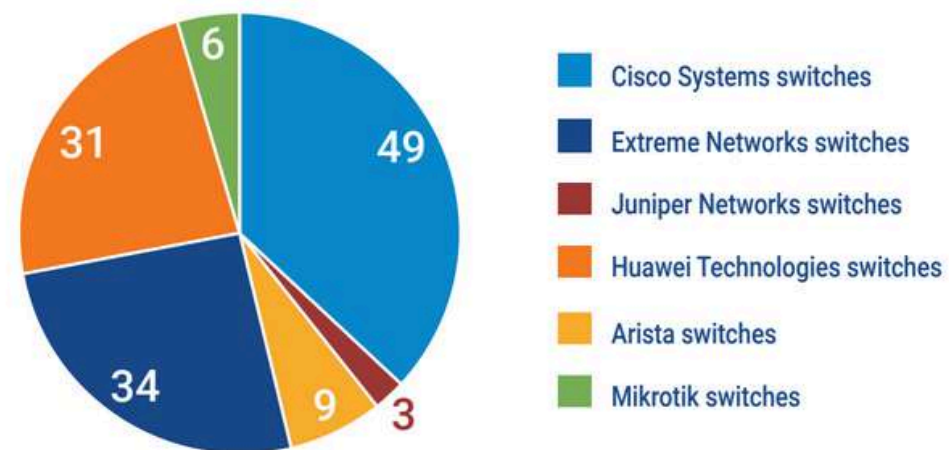


1. INTRODUCTION & HISTORICAL CONTEXT

GRAPH 14: Switch providers

IXPs in Latin America and the Caribbean use switches from manufacturers such as Cisco Systems, Extreme Networks, and Huawei Technologies, among others. The following list showcases the technologies used in detail.

- 49 sites have Cisco Systems switches.
- 3 sites have Juniper Networks switches.
- 9 sites have Arista switches.
- 34 sites have Extreme Networks switches.
- 31 sites have Huawei Technologies switches.
- 6 sites have Mikrotik switches.



Source: drafted by LAC-IX, by January 2022.



CHART 1:
Map of IXPs
and active sites
in Latin America
and the Caribbean

In Latin America
and the Caribbean,
98 sites
are distributed across
different countries

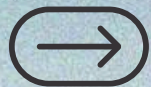
Source: LACNIC Survey on IXPS
in Latin America and
the Caribbean, 2021

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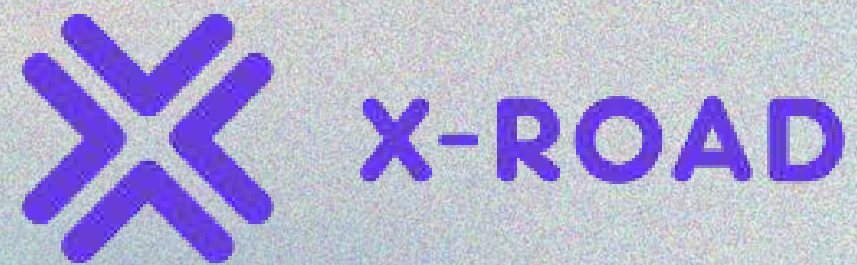


2. DPI AS A TOOL FOR SOVEREIGNTY

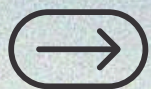
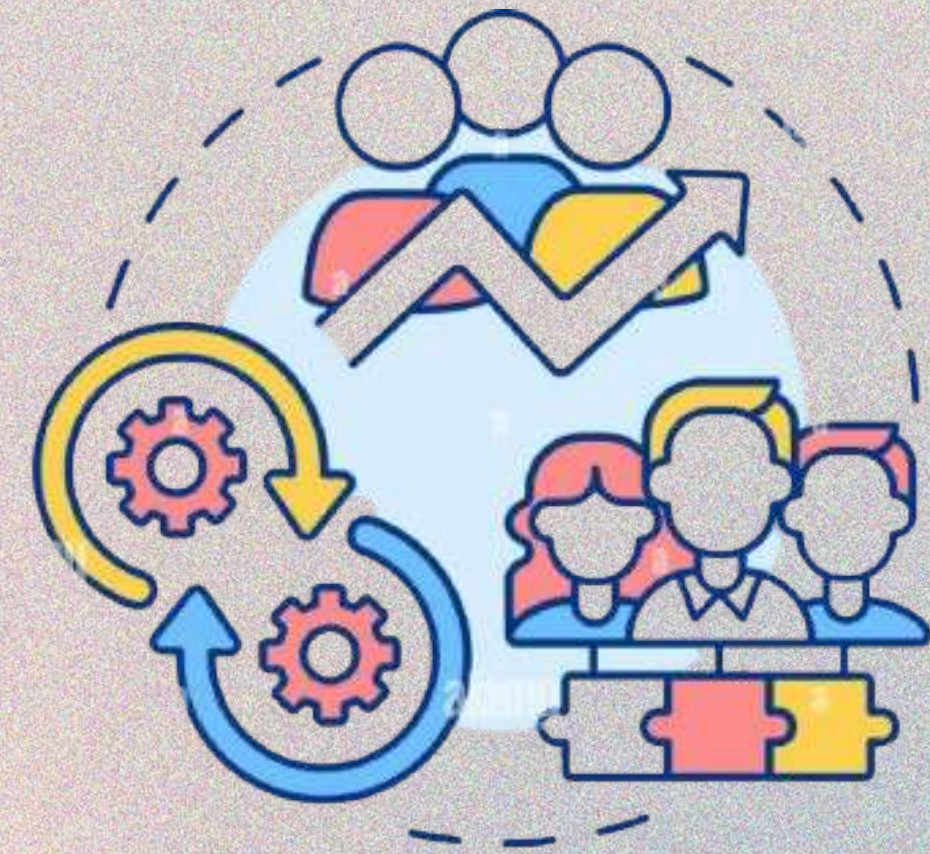
**DIGITAL PUBLIC
INFRASTRUCTURE**



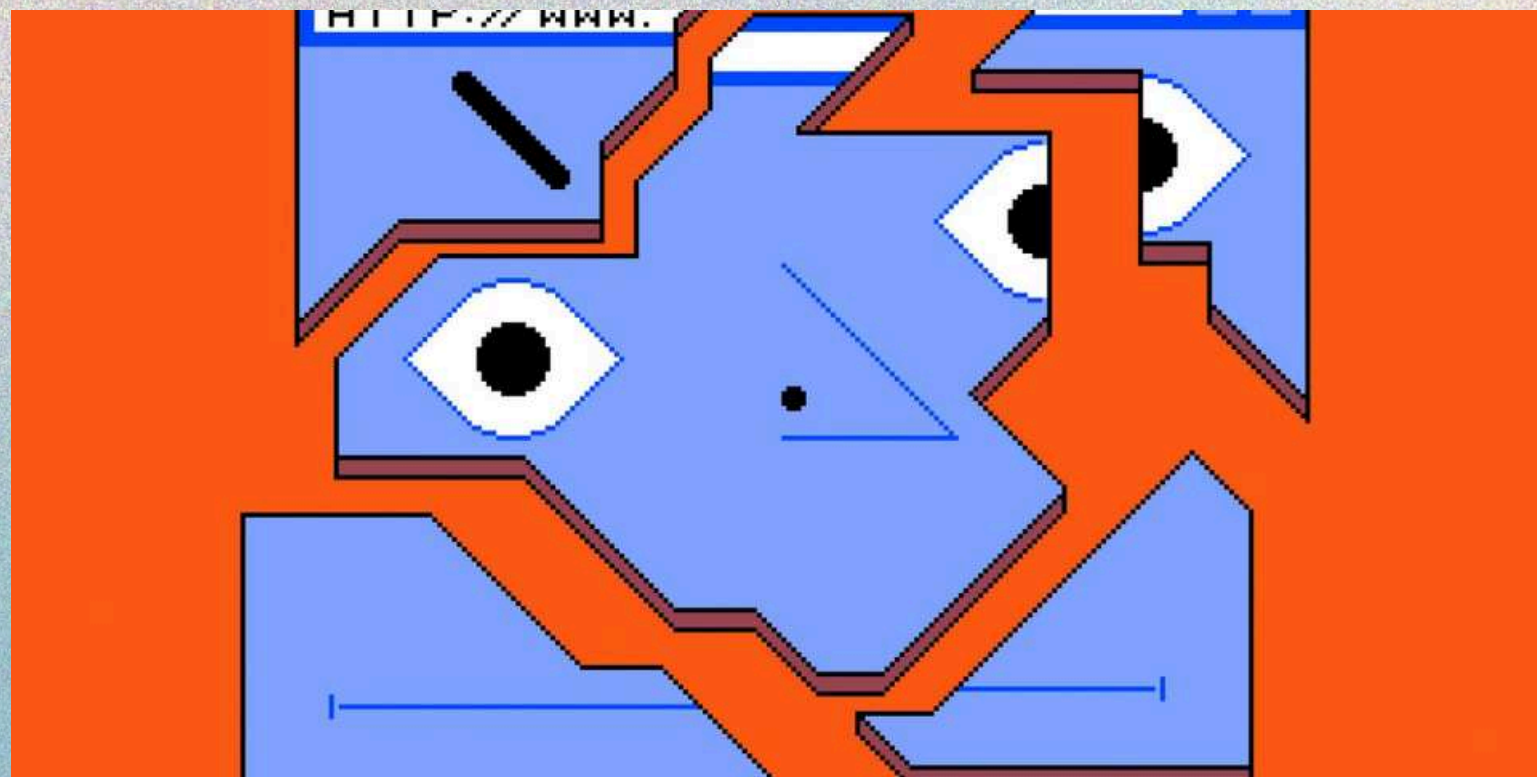
2. DPI AS A TOOL FOR SOVEREIGNTY



3. TENSIONS WITH ICANN'S MODEL AND VALUES



3. TENSIONS WITH ICANN'S MODEL AND VALUES



Source



Source: ISOC



4. HOW CAN DPI INTEGRATE ICANN'S VALUES?



Source



4. HOW CAN DPI INTEGRATE ICANN'S VALUES?

ICANN | GAC

Governmental Advisory Committee



5. RECOMMENDATIONS

- For **governments**: Engage with ICANN's **Governmental Advisory Committee (GAC)** and regional Internet bodies early in the design of DPI systems, ensuring alignment with global Internet standards while addressing national priorities
- For **ICANN**: continue engagement and presence in LATAM with local capacity-building, facilitating dialogue spaces on DPI and sovereignty
- For **Civil Society and the Technical Community**: Advocate for inclusive, transparent governance in national DPI projects, ensuring interoperability and open standards. Participate actively in ICANN structures such as **At-Large Structures (ALSes)**, working groups to help shape policies that reflect regional needs within the global Internet governance ecosystem.

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**THANK
YOU!**