

CITEL RES. 58 (V-10) ¹

TRANSITION TO IPV6

The Fifth Regular Meeting of the Assembly of the Inter-American Telecommunication Commission (CITEL),

WHEREAS:

- a) The Internet has been one of the determining factors in the paradigm shift of technological evolution in the telecommunications, broadcasting, and information technology sectors;
- b) The CITEL Member States are at different stages in their understanding and awareness of the scope of this transformation and its impact on the convergence of networks and services,

RECOGNIZING:

- a) That regional coordination for the administration of IP addresses has proven to be efficient and has made a significant contribution to improving conditions of fairness in the allocation of IP addresses;
- b) That in particular the administration of IP addresses in the African and Latin American and Caribbean regions has arisen with the aim of providing more efficient and timely attention for the needs of the regions they serve;
- c) That the regional Internet registries, in particular in the region of the Americas, have shown their willingness to collaborate in understanding and developing the Internet in the region, placing particular emphasis on the least developed countries and on the creation of a regional technical community that can help share knowledge among the different countries of the region,

BEARING IN MIND:

- a) That for more than a decade the CITEL Member States have been working with different public/private partnership mechanisms, particularly with regional Internet registries and local technical communities to develop IPv6 and to understand the development processes for IP address administration policies;
- b) That interaction between all the players involved with topics related to the administration of IP addresses and the development of IPv6 has been of great value in enriching discussions within CITEL;
- b) That as a result of that collaboration, the CITEL Member States issued Recommendation CCP.I/REC.2 (XII-08) on the implementation of IPv6, in which they recommended actions to enable the Member States, in conjunction with the private sector, to pursue the timely deployment of the IPv6 protocol in their respective countries,

ALSO RECOGNIZING:

- a) That Opinion 5 of the ITU World Telecommunication Policy Forum, (Lisbon, 2009), “Capacity building in support of the adoption of IPv6”, underscored the importance of close collaboration and

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cooperation among all concerned international, regional and national entities and organizations to facilitate the timely adoption of IPv6;

b) That interaction with the academic sector has been limited and that there is a great potential for the CITEL Member States if national research and education networks (NRENs) play a facilitating role for the study of the IPv6 protocol and, in collaboration with governments and private enterprise, establish IPv6 laboratories to empower training and skill-building activities at the regional level, such as the one recently announced in Mexico by CISCO and the University Corporation for Internet Development (CUDI);

c) That those CITEL Member States that have stepped up interactions and exchanges of information among governments, academia, industry, NRENs, and the corresponding Regional Internet Registries (RIRs) for the development of IPv6 have attained a successful deployment of the IPv6 protocol;

d) That that same collaboration can be carried over to other regions,

RESOLVES:

1. To invite the Member States to call on the regional Internet registries (RIRs), local technical communities, national education and research networks (NRENs), and the industry to expand and enrich their cooperation and exchanges of information, discussions, and awareness of Internet issues so that their governments can better understand the areas of opportunity in which they can act and facilitate the deployment of IPv6 and related topics to the benefit of telecommunications network users.

2. To invite the Member States to submit the contributions resulting from resolves 1 to the Secretariat of CITEL and to PCC.I for the corresponding actions, in order to strengthen the exchange of experiences and identify the region's needs for the transition to IPv6.

INSTRUCTS THE SECRETARIAT OF CITEL

1. To forward a report based on the contributions received to the Secretary-General of the ITU and to the regional groups, such as APT, CEPT, ATU, RCC, and the Arab Group.

2. To invite those regional groups to bring together all players involved to continue working on the development and adoption of IPv6 and to contribute to the continuous improvement of Internet-related processes.