**World Telecommunication Standardization Assembly 2012 (WTSA-12)**

**Addendum 3 to**

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RESOLUTION 64

IP address allocation and encouraging the deployment of IPv6

(Johannesburg, 2008, Dubai, 2012)

The World Telecommunication Standardization Assembly (*Dubai, 2012*),

recognizing;

a) that IPv4 address exhaustion has become a reality;

b) the output of the ITU IPv6 Group

noting

a) that IP addresses are fundamental resources that are essential for the future development of telecommunication/information and communication technologies IP-based networks and for the world economy;

b) that many countries believe that there are historical imbalances related to IPv4 allocation;

c) that large contiguous blocks of IPv4 addresses are becoming scarce and that it is urgent to promote migration to IPv6,

considering

a) that, among the relevant stakeholders in the Internet community, there is a need to continue discussions related to IPv6 deployment so that countries better understand these important issues;

b) that IPv6 deployment is an important issue for Member States and Sector Members,

instructs the Director of the Telecommunication Standardization Bureau, in close collaboration with the Director of the Telecommunication Development Bureau

to facilitate capacity-building, awareness-raising and the importance of IPv6 deployment for all ITU members and interested entities, and provides information related to training events being undertaken by relevant entities in the Internet community e.g. The Numbering Resource Organisation (NRO) ; Regional Internet Registries (RIR), Local Internet Registries (LIR), operator groups and the Internet Society (ISOC);

invites Member States and Sector Members

to contribute to these activities.