

# ITU events of relevance to IP address management discussion

APNIC Community Consultation -  
IPv6 and ITU

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# Brief overview of ITU

- International Telecommunications Union
- Part of the United Nations
- Three Sectors
  - Radiocommunications (ITU-R)
  - Standardization (ITU-T)
  - Development (ITU-D)

# World Telecommunication Standardization Assembly (WTSA)

21-30 October 2008

- Resolution 64 – IP address allocation and encouraging the deployment of IPv6
  - ...initiate a project to assist developing countries, responding to their regional needs...
  - ...establish a website that provides information about global activities related to IPv6...
  - ...promote awareness of the importance of IPv6 deployment...
  - ...study the question of IPv6 address allocation and registration for interested members and, especially, developing countries...

# 2009 Session of ITU Council

20-30 October 2009

- Council 2009 approved the recommendation that the Director of TSB, in close collaboration with the Director of BDT, convenes a group open to the membership of ITU-T and ITU-D to **conduct further activities toward the implementation of WTSA Resolution 64** liaising as appropriate with ITU-D and ITU-T study groups (see C09/29)

# First Meeting of the ITU IPv6 Group

15-16 March 2010

## Terms of Reference

- To draft a global policy proposal for the reservation of a large IPv6 block, taking into consideration the future needs of developing countries, as outlined in paragraph 23 of C09/29.
- To further study:
  - possible methodologies and related implementation mechanisms to ensure 'equitable access' to IPv6 resource by countries.
  - the possibility for ITU to become another Internet Registry, and propose policies and procedures for ITU to manage a reserved IPv6 block.
  - the feasibility and advisability of implementing the CIR model for those countries who would request national allocations.
- To assist in the implementation of the project called for by Resolution 64, taking into account the needs at regional and national level in terms of capacity building and allocation policies.
- To report to ITU Council 2010.

# And meetings beyond...

- 2010 ITU Council 2010
  - 13-22 April 2010
- World Telecommunication Development Conference (WTDC '10)
  - 24 May - 4 June 2010
- ITU Plenipotentiary Conference 2010
  - 4-22 October 2010

Presentation from panelist

# Discussion

# Major discussion points in Nav6 paper

Concerns for current IPv4 address allocation statistics

Request based allocation or GAP (Growth-based Address partitioning Algorithm)

NIR or CIR  
– What is major difference?

RIR scheme only or competition between parallel schemes

ITU will become one of registry  
– Concerns for neutrality from regulator

Policy decision process  
– Community or Member state/sector member hierarchy

CIR

Backup slides

# Some key documents

- 2004:
- ITU and Internet Governance: input to the 7th meeting of the ITU Council Working Group on WSIS, 12-14 December 2004
  - Personal paper by H Zhao, Director of TSB/ITU
  - <http://www.itu.int/ITU-T/tsb-director/tut-wsis/files/zhao-netgov02.doc>

# Some key documents

- WTSA-08 Resolution 64 (Johannesburg, 2008)
  - TSB asked external consultants to carry out two studies:
    - A Study on IPv6 Address Allocation and Distribution Methods
    - Economic Factors in the Allocation of IP Addresses
- See Consultation session web page for links to these papers
  - <http://meetings.apnic.net/29/program/consultation>