



# Communications Area Report

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Communications Area Manager

# Top 10 Resource Allocation

1. Research and development activities (for example: network monitoring and measuring, routability testing)
2. **Support network engineering education in the Asia Pacific region**
3. **Support of IPv6 deployment**
4. **Expand training activities in scope, geographical coverage and online options**
5. **Increase the support of the community's efforts to adopt IPv6**
6. Streamline resource requests and allocation processes
7. Further development of resource certification to support better routing security
8. Expand network monitoring, reporting
9. Develop web services for automated data exchange with external systems
10. Deploy more DNS root servers in the Asia Pacific region

# Education

2. **Support network engineering education in the Asia Pacific region**
  - Collaboration with Global Subject Matter experts
    - Team Cymru, IntERLab, AIT, AusCERT, 6Deploy
  - Joint local training
    - APNIC training events at local operator group meetings including SANOG, PACNOG, APJII, IPv6 Summits
  - Sponsoring local training
    - APNIC sponsorship and training events at local operator group meetings including NZNOG, PHNOG, AINTEC, APNG Camp

# Education

## 2. Support network engineering education in the Asia Pacific region

- Reconfigured and upgraded Training lab
- Expanded capacity for greater access to community for training
- Now facilitating more advanced technical workshops particularly on IPv6
- Allows APNIC to host parallel hands-on training session

# Education

4. **Expand training activities in scope, geographical coverage, and online options**
  - 77 courses in 36 locations to over 1870 participants
  - First time in Myanmar
  - eLearning expansion
  - 80 attendees from over 7 economies
  - After successful trial program, eLearning will be offered in over 20 sessions throughout 2010
  - Two courses offered every month

# Education

4. **Expand training activities in scope, geographical coverage and online options**
  - Focused on IPv6 Training
    - 13 Workshops, 10 Tutorials in 19 locations with total of 825 participants
  - IPv6 eLearning
    - Live web classes on IPv6 deployment
    - Practical ISP/IXP scenarios introduced IPv6 eLearning
  - Live web classes on IPv6 deployment



# Supporting IPv6 Deployment

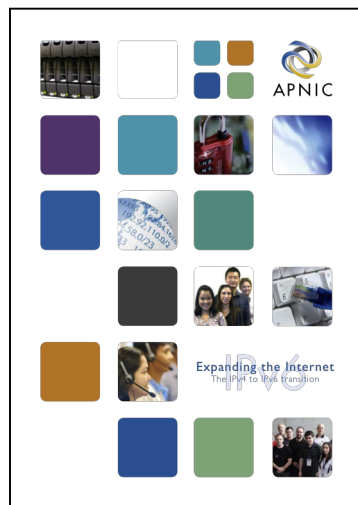
1. Research and development activities (for example: network monitoring and measuring, routability testing)
2. Support network engineering education in the Asia Pacific region
3. **Support of IPv6 deployment (Services)**
4. Expand training activities in scope, geographical coverage and online options
5. **Increase the support of the community's efforts to adopt IPv6 (Communications)**
6. Streamline resource requests and allocation processes
7. Further development of resource certification to support better routing security
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# Spreading the IPv6 Message

## Brochures

- Simple-to-follow brochure giving an overview of IPv6 and how you can act.



## You Tube Video

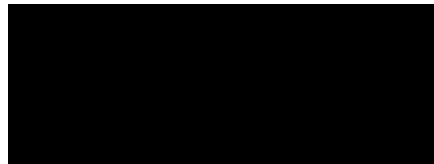
- Multimedia to talk to the wider business community



# Spreading the IPv6 Message

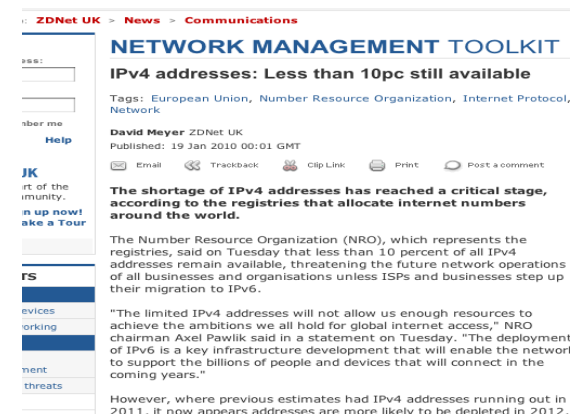
## Online

- One stop website that has all the links to IPv6 and APNIC



## Press

- NRO 10% announcement was sent to 1,600 press and was featured in many publications including ComputerWorld, ZDNet, CIO



# Spreading the IPv6 Message

## To Enterprise

- Taking the IPv6 message to ICT trade shows



## To Government

- Working with community to host IPv6 workshop for Governments at APEC Tel 40



## Other Activities

- 2009 Policy Outcomes
- Internet Governance
  - Representing APNIC in global community
- APNIC Meeting: APNIC 28
  - Taking APNIC meetings to the community
  - Topical and valuable content
- APNIC External Relations
  - New APNIC partnerships

# 2009 Policy Outcomes

- The following proposals reached consensus and were endorsed by the Executive Council:
  - prop-050: IPv4 address transfers
  - \*prop-069: Global policy proposal for the allocation of IPv4 blocks to Regional Internet Registries
  - prop-073: Simplifying allocation/assignment of IPv6 to APNIC Members with existing IPv4 addresses
  - \*prop-074: Internet Assigned Numbers Authority (IANA) Policy for Allocation of ASN Blocks (ASNs) to Regional Internet Registries
  - prop-075: Ensuring efficient use of historical AS numbers
- Proposals returned to the mailing list for further discussion: 1
- Proposals returned to their authors for further consideration: 2
- Proposals withdrawn by the author(s): 2
- Proposals that did not reach consensus and have been abandoned: 3

# Internet Governance

- IGF 2009, Egypt
  - Address by Paul Wilson in “Critical Internet Resources” session
  - Workshop participation
  - Paul Wilson panelist at “Adopting IPv6: What you need to know”
  - German Valdez, speaker at “Managing Internet Addresses: Global and Regional Viewpoint” and “Analyzing Resource Requests: Present and Future”

# APNIC Meetings: APNIC 28

## Onsite Participation

- 272 onsite participants with 25 economies represented

## Remote Participation

- Improving tools for remote participation
- 288 participants attended at remote venues for APNIC 28

# APNIC Meetings: APNIC 28

## Remote Participation Locations

- Each Meeting APNIC hosts two remote sites in Kuala Lumpur and Dhaka for community members to participate;
- 47 remote participants at APNIC 28



# New APNIC Partnerships

## Asia Pacific Region

- Networkers Society of Pakistan (NSP)
- Philippines Network Operators' Group (PHNOG)
- The Advanced Science and Technology Institute (ASTI)
- Task Force on IPv4 Address Exhaustion, Tokyo, Japan
- BII Group Ltd, Beijing, China
- The Taiwan Network Information Center (TWNIC)
- Universiti Sains Malaysia
- IPv6 Forum India

# Operational Planning in 2010

- Expansion of Public Affairs activities
  - Participation in global Internet Governance events; IGF, APEC, OECD, ITU
- Expansion of eLearning
  - More self-paced modules
- Collaborative work with NIRs
- Continuous improvement in APNIC Events
  - Program Survey to the community



# Thank You

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