

# IPv6 Services at APNIC

- ECG led activity to review service delivery across NRO and report back
- APNIC conducting internal review
  - Locations, services & IPv6 availability
- Initial goal: target low hanging fruit
- Longer term goal: IPv<N> neutral
  - External and Internal

# Current Status

- V6 enabled services
  - my.apnic.net (member portal)
  - WWW (also permits “WHOIS” access via .cgi)
  - DNS
    - AAAA records for ns1 (Brisbane) and ns3 (Tokyo)
    - ns4 (Hong Kong) is V4 only (but see next slide...)
  - FTP (stats)
- V4, but V6 visible indirectly
  - WHOIS (via jwhois.apnic.net and WWW services)
- V4 only
  - Email, VPN, most back-office/internal services

# Tech Activities in 2008/9

- Improved connectivity in Brisbane/Tokyo
- V6 transit in HK enabled this week
  - All APNIC PoP are now IPv6 active
  - All APNIC ns will be IPv6 enabled shortly
- Email, internal services are a W-I-P
  - Aiming for Q3/4
  - Desktops already all dual-stack
- All new APNIC service deployments planned to include IPv6

# Other Activities

- Extended IPv6 training programme
  - online training lab covers IPv6 BGP, 4-byte ASN
- R&D, measurement, analysis
  - Eg DNS A/AAA request measurements (as presented by chief scientist at this meeting)
- Promoting/informing members of IPv6 policies and services
  - IPv6 Hour at meetings
- Outreach and promotion
  - ICANN, GAC, IGF etc