

# IPv4 Transfers

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# IPv4 Transfer Policy Overview



# Why We Need It

- To allow for the efficient use of currently unused IPv4 space
- To maintain the integrity of the APNIC registration database

# Implementation Timeline

- Intra-APNIC Transfers: prop-050
  - Implemented on 10 February 2010
- APNIC Inter-RIR Transfer policy: prop-095
  - Implemented on 9 August 2011
- Maintaining demonstrated needs requirement in the transfer policy after the final /8 phase: prop-096
  - Implemented on 21 November 2011
- ARIN Inter-RIR transfer policy
  - Implemented on 31 July 2012
- **Note:** Only APNIC and ARIN have implemented Inter-RIR transfer policies at this stage.

# Outline

- Recipients that do not already hold IPv4 resources must demonstrate a detailed plan for the use of the transferred resources
- Recipients that already hold IPv4 resources must:
  - Demonstrate a detailed plan for the use of the transferred resource
  - Show past usage rate
  - Provide evidence of compliance with APNIC policies with respect to past delegations

# Who Can Use It

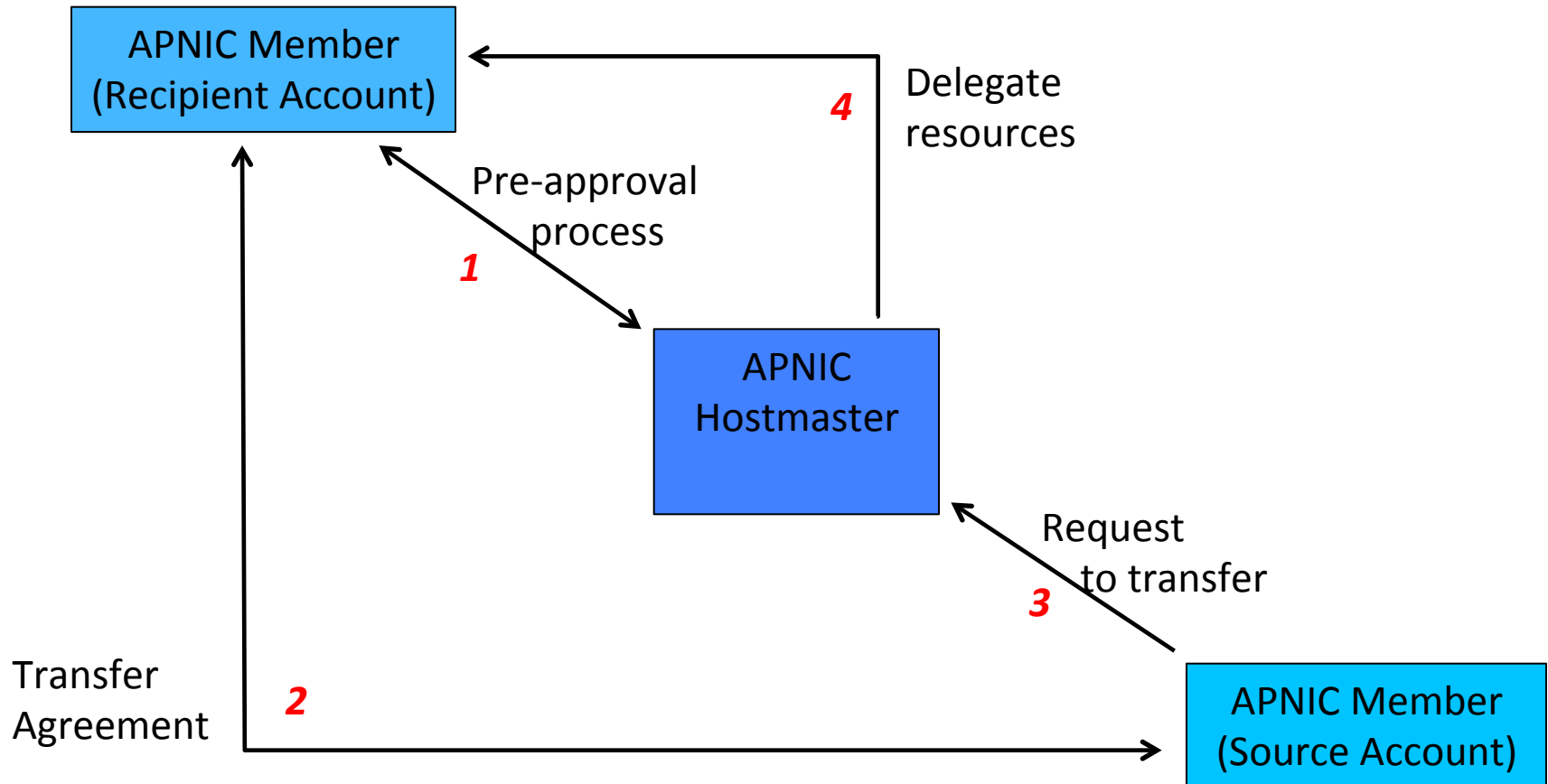
- Current APNIC account holders
- Organizations in other RIR regions that also have an inter-RIR transfer policy

# Transfers Within the APNIC Region





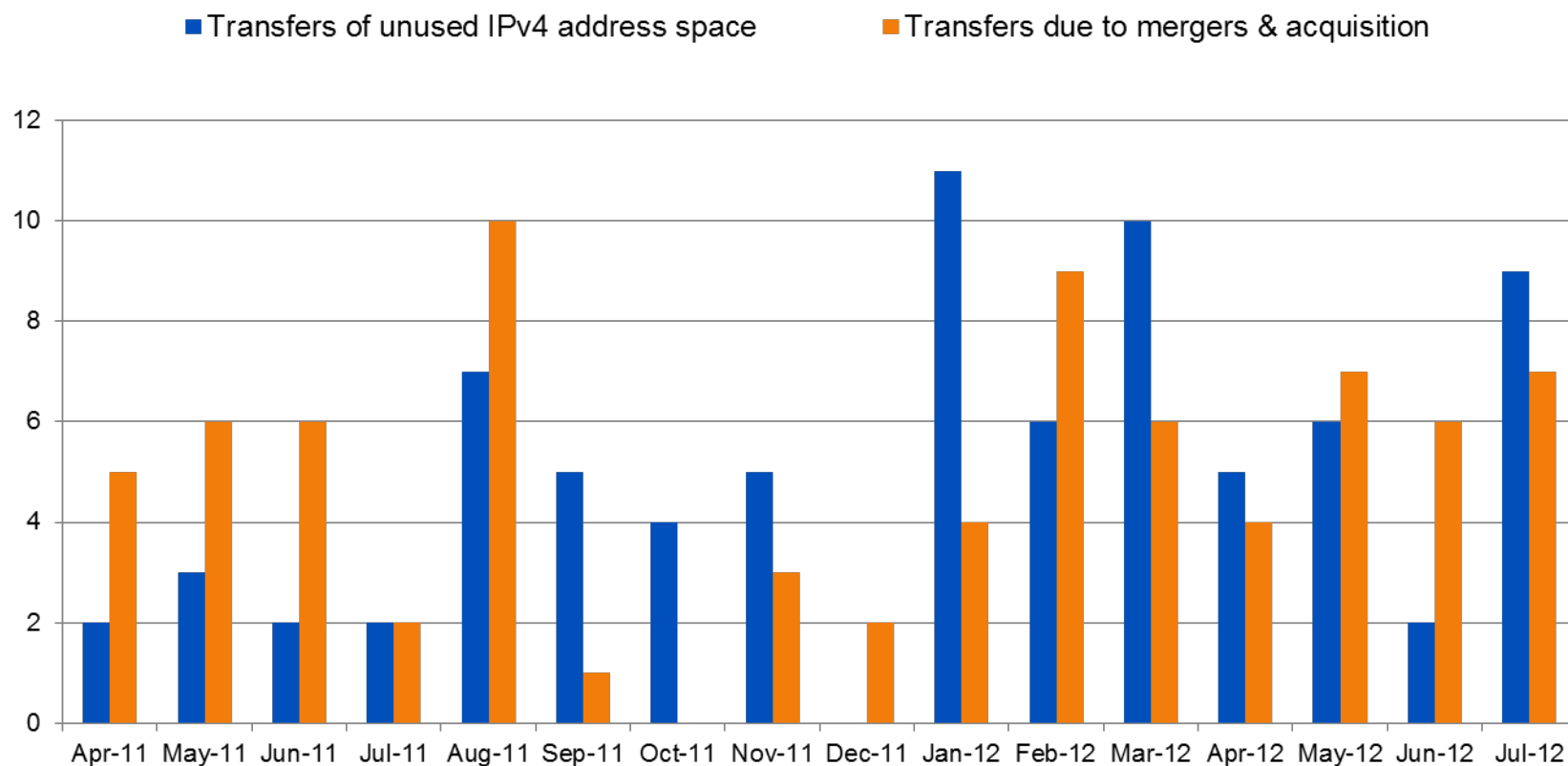
# Procedure Flowchart (within APNIC)



# Procedures for Intra-APNIC Transfers

- Submit your IPv4 pre-approval request via MyAPNIC for Hostmaster evaluation
- After approval receipt, consider using the APNIC IPv4 transfer listing service to publicize your need
- Locate the source of IPv4 addresses and reach agreement with them
- Source initiates the IPv4 transfer via MyAPNIC
- APNIC Hostmasters process the transfer

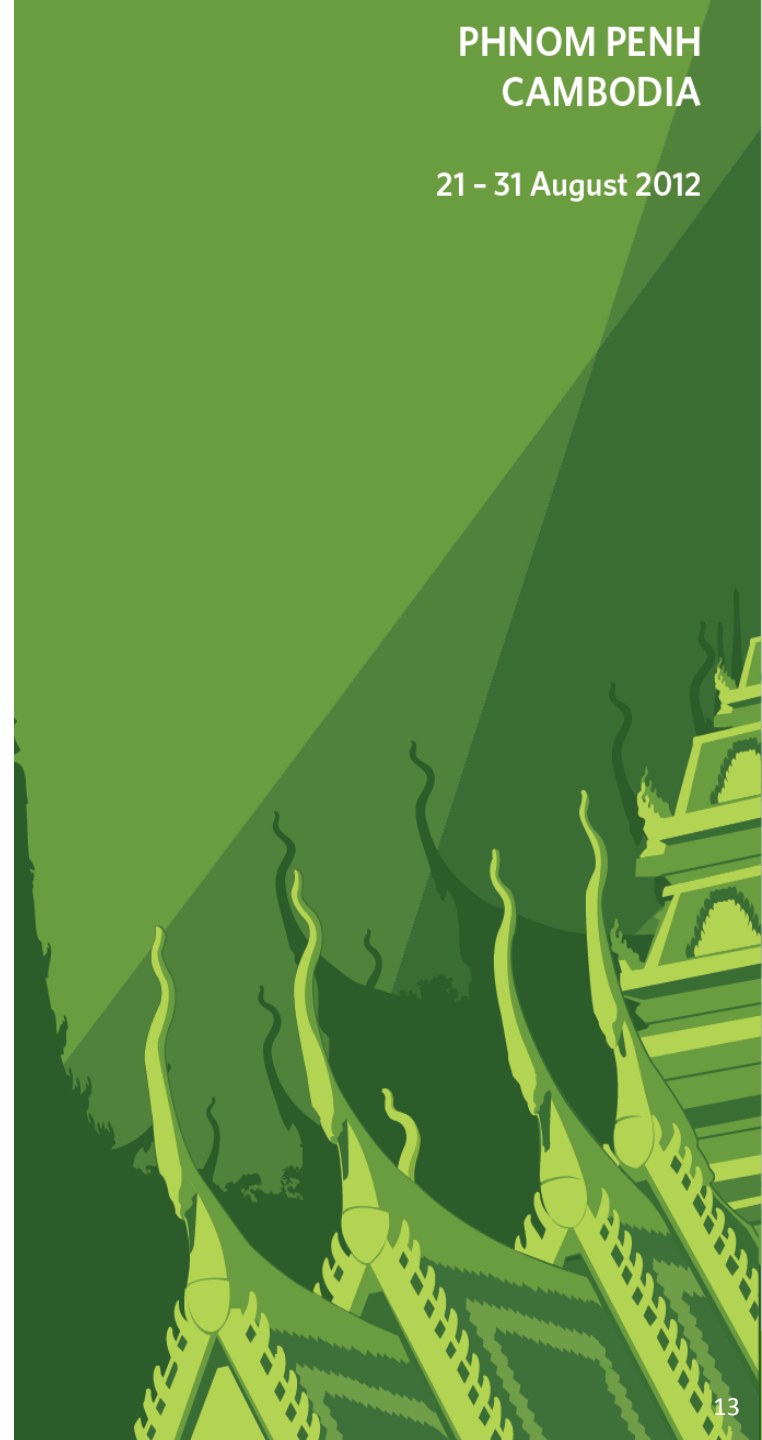
# Transfer Statistics Within APNIC



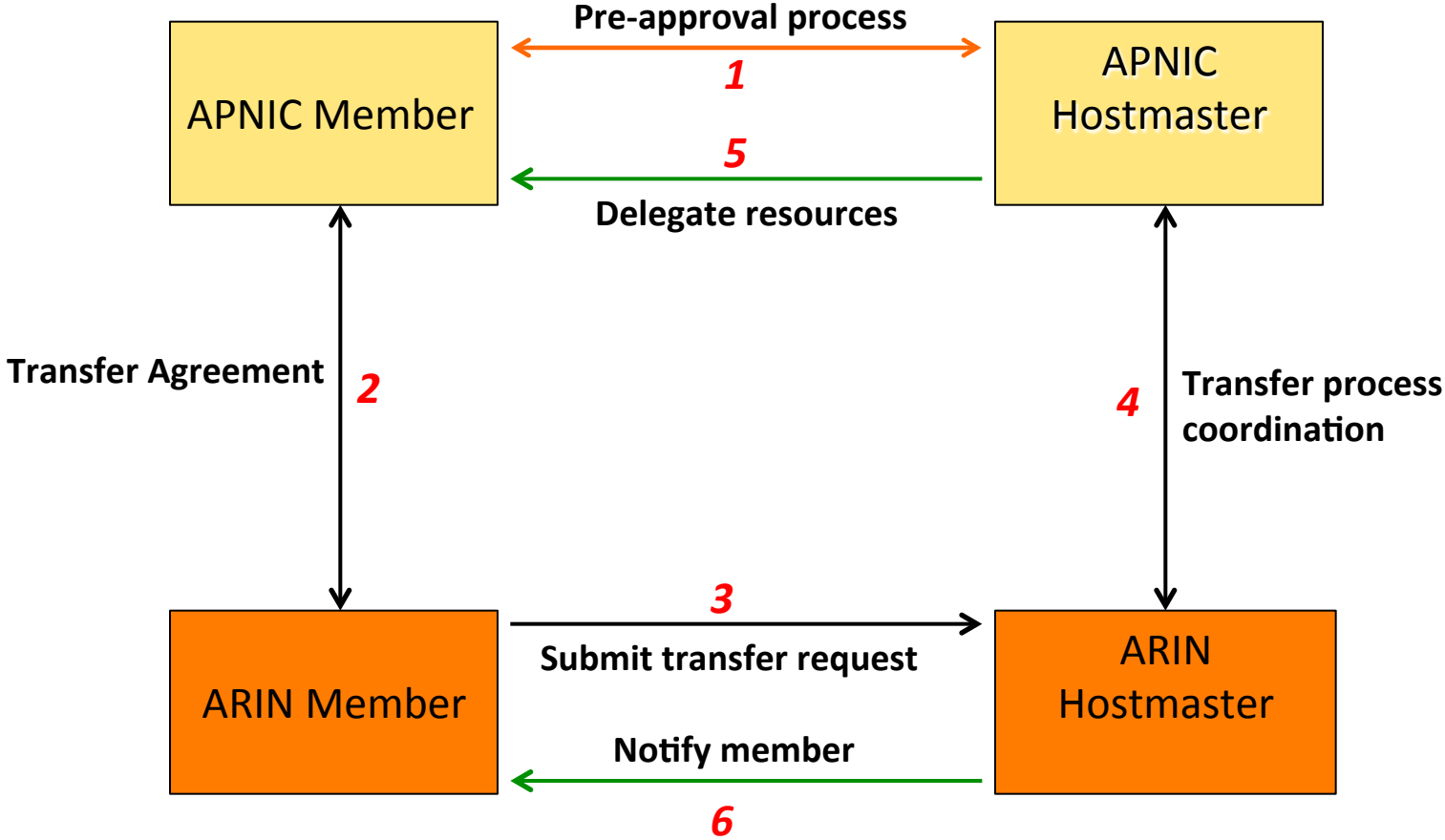
# Hostmaster Evaluations

- The Hostmaster Team will evaluate all IPv4 transfer requests according to the policy to ensure fairness and consistency
- APNIC Hostmasters are carefully monitoring any transfers related to the final /8 block
  - Few cases found so far

# Inter-RIR Transfers



# Procedure Flowchart (ARIN to APNIC)



# Inter-RIR Transfer Procedure

- Submit your IPv4 pre-approval request via MyAPNIC for Hostmaster evaluation
- After approval receipt, consider using the APNIC transfer listing service to publicize your need
- Locate the source of IPv4 addresses in the other region and reach an agreement with them
- The source initiates the IPv4 transfer via their respective RIR
- The other RIR Hostmaster contacts the APNIC Hostmaster to process the transfer

# Inter-RIR Transfer Template

1. IPv4 addresses being transferred:
2. Source Organization name (authorized registrant):
3. Original allocation date:
4. Recipient Organization name:
5. Recipient Organization address:
6. Recipient Organization contact name:
7. Recipient Organization contact phone number:
8. Recipient Organization contact email address:
9. Provide a brief description of the transaction:



# Inter-RIR Transfer Template (cont.)

- RIR information

10. Source RIR:

11. Recipient RIR:

- Optional information (Providing this information will speed up request processing)

12. Organization or Membership ID of source organization:

13. Organization or Membership ID of recipient organization:

# Summary

- IPv4 transfer policy overview
- Transfers within the APNIC region
- Inter-RIR transfers
  
- For more information see:
  - [www.apnic.net/transfer](http://www.apnic.net/transfer)

# APNIC 34 CONFERENCE

PHNOM PENH  
CAMBODIA

21 - 31 August 2012

# Thanks!

