



Observing Others: Transfer Proposals



All RIRs Recognise Transfers

- Currently based on
 - Takeovers
 - Mergers

- Network stays the same, so does the addressing



Policy/Procedure/Guideline

- Different wording/format
- By tradition, ARIN has a more detailed policy text that requires:
 - Listings of assets
 - Bill of sale of the company
 - Host counts
 - Etc...
- In RIPE's case, these are mostly part of the "procedures"



New Transfer Proposals

- New interesting times...
- Depletion of unallocated resource pool
- To deal with transfers of address space, not necessarily resulting from mergers/takeovers
- Active in:
 - ARIN
 - APNIC
 - RIPE



ARIN - New Transfer Proposal

- Called “Simple Transfer of IPv4 Addresses”
- Comes into effect after IANA pool runs out
- Needs prior approval from ARIN
 - Based on justification and need
- Conditions on
 - Transferor (Transferring Org)
 - Transferee (Recipient Org)
 - Transferred address space



Transferring Organisation

- ARIN Member in good standing
- Residing in ARIN region
- Has not received any IPv4 allocations or assignments within the preceding 24 months
- May not request any IPv4 allocations or assignments within the subsequent 24 months after transfer



Recipient Organisation

- ARIN member in good standing, residing in ARIN area
- Intends to use the space in ARIN area
- The need must be approved by ARIN
- Has not provided any IPv4 addresses for transfer through the transfer process within the preceding 24 months
- May not provide any IPv4 addresses for transfer through this Simple Transfer process within the subsequent 24 months, except in the case of business failure
- May request and receive a contiguous CIDR block large enough to provide a 12 month supply of IPv4 addresses
- May only receive one IPv4 address transfer through this Simple Transfer process every six months



Address Block

- Min allocation size
- Must currently be registered for use within the ARIN service area
 - Assigned by IANA to ARIN or
 - As part of a legacy address block allocated within the ARIN service area
- No dispute exists
- Size and alignment constraints



New Concepts

- Pre-qualification
 - For both Transferring and Recipient Organisations
- Record-keeping and publication of simple transfers of IPv4 addresses
 - Listings will be maintained for interested parties with pre-qualification
 - After transfer whois will be updated



ARIN - Old Concepts

- Address space is not property
- Cannot be sold
- Distribution still in justified need



APNIC - New Transfer Proposal

- Does not require APNIC's prior approval
- In effect as soon as adopted
- Conditions on
 - Source (Transferring Org)
 - Recipient (Recipient Org)
 - Transferred address space



APNIC - Address Block

- Minimum size is a /24
- Must be an APNIC administered block
- Block will be subject to all APNIC policies



APNIC - Transferring Organisation

- APNIC member in good standing
- Cannot receive any blocks from APNIC within 24 months after transfer



APNIC - Recipient Organisation

- Must be an APNIC member
- All allocation policies apply on the recipient organisation



Current State

- Discussed in February and April
- Will both be revised
- In ARIN
 - Continue working on a relaxed transfer proposal
 - Justification of need to be retained
 - To be in effect sooner than IANA depletion
- In APNIC
 - Simplified text
 - Non-permanent transfers added



RIPE - New Transfer Policy

- Remco will present
- The block must be unused
 - No live network with customer assignments
- Min allocation size
- All allocation policies apply on the block
- Can be on a permanent or non-permanent
- No prior approval of the RIPE NCC required
- Recipient Org cannot transfer within 24 months

Matrix

	APNIC	ARIN	RIPE
Be a member of the RIR	X	X	X
Prior RIR approval		X	
Min Block size	/24	Current	Current
Block must be empty of End User assignments		X	
Type of address space	All	All	Only PA
Transferring Org cannot receive space within the next 24 months	X	X	
Transferring Org has not received space within the preceding 24 months		X	
Recipient Org has not transferred space within the preceding 24 months		X	
Recipient Org can not transfer the space within the next 24 months		X	X
Recipient Org can only receive one transfer within 6 months		X	
In effect after IANA pool depletion		X	

Questions?

