



ARIN IPv4 Address Requests (post exhaustion view)

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IPv4 Requests to ARIN (Post-IANA Exhaustion)

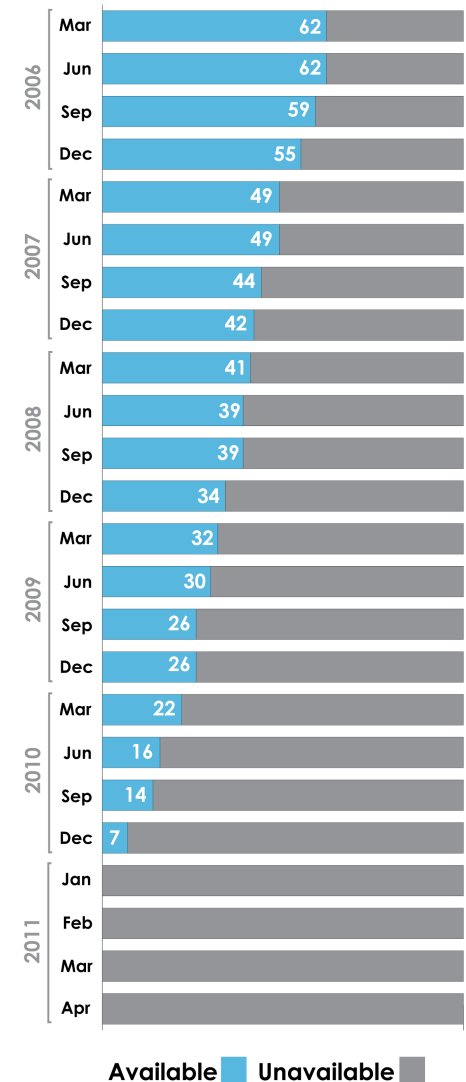
“Soft-Landing” Provisions of the ARIN NRPM:

After an organization has been a subscriber member of ARIN for one year, they may choose to request up to a 12-month supply of IP addresses.

When ARIN receives its last /8, by IANA implementing section 10.4.2.2, the length of supply that an organization may request will be reduced. An organization may choose to request up to a 3-month supply of IP addresses.

This reduction does not apply to resources received via section 8.3. An organization receiving a transfer under section 8.3 may continue to request up to a 12-month supply of IP addresses.

Remaining IPv4 Address Pool



Other Options for IPv4 Address Space

Specified Transfer Policy (NRPM 8.3)

- Approved & implemented
- Provides incentive for a party that may be able to free up IP address blocks (e.g. by renumbering) to be able to transfer space to a party which qualifies to receive space per ARIN's existing number resource policies.
- Not a market, per se, but enables limited market-like behavior for those who have qualified need for address space for their infrastructure growth
- ARIN approves address space request from a recipient as usual, but then simply records qualification if no ARIN resources are available.
- If transferor and recipient both agree, ARIN receives address space from the transferor, and updates registration to reflect recipient.
- ARIN not party to compensation, if any.

Other Relevant Developments

Simplified M&A transfer policy (NRPM 8.2)

- Approved & implemented
- Unused space must be returned to ARIN during M&A transfer

Proposed: Globally Coordinated Transfer Policy (PP 119)

- “Any RIR's resource registrant may transfer IPv4 addresses to the resource registrant of another RIR as long as the two RIRs agree and exercise Internet stewardship and the values expressed in RFC2050.”

Proposed: Protecting Number Resources (PP 120)

- “ARIN shall use any reasonable and practical methods to proactively look for fraudulently obtained or abandoned number resources and seek the return of those resources to ARIN.”

Summary: 1 of 2

ARIN views the principles of Internet number resource stewardship (conservation, aggregation, registration) being equally important post-depletion as they are today.

Per its stewardship duty, ARIN does not support Internet number resource usage outside of these principles, and furthermore actively protects number resources in the region to insure that they are managed per the ARIN community developed policies.

Summary: 2 of 2

The ARIN community has policies or proposals which post-depletion will:

- satisfy the requirements of those with valid need for additional IPv4 address space and,
- encourage return of address space and its reuse in other regions which continue to subscribe to these stewardship principles.

Resources

- Information Page at www.arin.net/knowledge/v4-v6.html
- Outreach Microsite www.TeamARIN.net
- Social Media at ARIN www.arin.net/social.html