Phased Approach

- **Phase 1** – Current phase, initiated with ARIN's last /8 from IANA
- **Phase 2** – Begins when 3 /8 equivalents remain
- **Phase 3** – Begins when 2 /8 equivalents remain
- **Phase 4** – Begins when 1 /8 equivalent remains

ARINXXIX

Variables

- **Some IPv4 space may be returned to IANA in accordance with global policy**
- **New policies and/or larger requests could change intended plans and lead to faster depletion of IPv4 available pool**
- **Waiting list could kick in during any phase depending on available inventory**
- **2 day turnaround may not always be possible as we move further into depletion planning**

ARINXXIX

Phase 1

- **Went into effect in Feb. 2011 when ARIN received its last /8 from IANA**
  - 3 month allocation window
  - All requests peer reviewed; larger blocks require sign off by senior analyst and/or department director
  - Space needed for various policies has been reserved and pulled from inventory
  - Returned, reclaimed, and revoked blocks held for 6 months

ARINXXIX

Phase 2

- **Begins at 3 /8 equivalents**
  - Team review by senior analysts kicks in for /16 and larger requests
  - First in, first out (by date and time stamp)
    - **Applies to both initial requests and responses**
  - Once approved, recipient has 45 days to complete payment and/or RSA
    - **Space will be released back to available pool on the 46th day if not complete**
  - Returned, reclaimed, and revoked blocks now held for 3 months
  - Peer review continues; Director sign off required on larger requests

ARINXXIX

Phase 3

- **Begins at 2 /8 equivalents**
  - No external changes; staff will examine current processes to ensure they are working and modify as needed
  - Continue 3 month hold on returns, revokes, and reclaims
  - Peer review continues; Director sign off required on larger requests

ARINXXIX

Phase 4

- **Begins at 1 /8 equivalent**
  - First in, first out by date and time stamp will apply to all requests of any size
  - All requests will be team reviewed
  - The "hold" bucket will cease to exist – all returned, revoked, and reclaimed space will go directly into available inventory
    - **Staff will continue to check routing/filtering on space to be issued and will notify recipient if there are issues**

ARINXXIX