Short History

- Individual Submission July 2011
- Accepted as WG Document in IETF 82 Taipei
- Posted as WG Document November 2011
- Updated February 2012 based on comments on list
- Initial feedback on
  - inclusion/exclusion of NAT64 (and related technologies)
  - Focus on IPv6 and less focus on IPv4 (per discussions at IETF82)
Document Changes

- Changes made moving to version -00
  - Text updates and edits
  - New Sections Added
  - Updated References

- Changes made moving to version -01
  - Refocus document to concentrate more on IPv6 deployment (less emphasis on IPv4 continuance)
  - Phase 3 now called “IPv6-Only” vs “IPv4 Tunneled”
  - Text updates (spelling, typos, awkward text)
Transition Phases

- **Phase 0**
  - Foundational Items (routing, policy, security, transition architecture)
  - Preparation for IPv6 Network

- **Phase 1 (Tunneling)**
  - Managed/Assist Auto-Tunneling (6to4, Teredo)
  - Introduce 6RD as early option
  - Most tools on IPv4, main capabilities (content to be added)

- **Phase 2 (Native Dual Stack)**
  - Mature IPv6 environment, add in CGN if needed
  - Mature IPv6 tools, capabilities, operational proceeds

- **Phase 3 (IPv6 Only)**
  - IPv6 now mature, services on IPv6 now (for the most part)
  - Utilize IPv4 tunneling and/or translation if required
Next Steps / WG Feedback requirements

- Document -02 planned with additional considerations information
  - New content being suggested, will circulate with WG
  - Other WG input welcome (text, suggestions and/or references)
  - Add “for further reading sections” to consolidate included and other important references

- Need to agree on the following:
  - Do we include NAT64 and/or draft-ietf-v6ops-464xlat-01 in Phase 3 discussion/information
  - Are there other technologies which should be considered / and / or references needed?
  - Is IPv6 focus correct/agreed to (so far on list – yes)
Following -02

- Following -02 (based on input) should we
  - Look for WGLC?
  - Are there structural issues in document that need to be addressed or;
  - Should more/less information be included