IPv6 WorldWide Policy Review

IPv6 talking regions

- ARIN, APNIC, RIPE, LACNIC

ARIN

- Criteria for PI
  - have IPv4 PI or,
  - Be IPv6 multihomed or intend to be or
  - Plan of the deployment in 1, 2 5 yrs and reason for PI

- Receive upto /48 for each site
  - Site = Location, not organisation
  - What is a site really?

- More discussion to come

ARIN

- Criteria for allocations
  - Have IPv4 allocation or
  - Be IPv6 multihomed or intend to be or
  - Plan to make 50 assignments to others in 5 yrs

- "50" a good number?

- In Last Call

ARIN

- Simplified IPv6 Policy

- Different allocation/assignment sizes
  - X-Small /48, Small /40, Medium /32, Large /28
  - X-Large /24, XX-Large > /24

- "Classful" addressing

- Abandoned

LACNIC

- Assignments for Critical Infrastructure
  - Prove IXP/NAP capacity, have at least 3 members
  - Justify need
  - Min /48, max /32

- End Users with "critical" infrastructure
  - Not to be routed globally
  - Min /48, max /40

- Under discussion

LACNIC + APNIC

- Removing Routing Requirement

- LACNIC discussing

- APNIC reached consensus

Conclusion

- Operational matters coming to surface
  - "Site" definition
  - Routing practices

- Simplified criteria
  - Increased incentives for deployment

Questions?