



2010-2 End User /24 Assignments

Rightsizing PI Assignments

Owen DeLong

ARIN XXV

19 April 2010

/24 Assignments -- Myth vs. Reality

- * Myth: This will increase the DFZ table size

- * Myth: This will encourage greater Address Consumption

- * Myth: This will help spammers

- * Reality: This policy is stricter than existing /24 ISP policy.

- * Reality: End user organizations are "cobbling" /22 justifications where /24s could be used.

- * Reality: Spammers have no trouble justifying larger blocks.

Haven't we discussed this before?

- * Yes, but, with different objections each time.
- * This version addresses each of those objections.
- * It's still the "right thing" to do.
- * There is community need.

The objections

- * DFZ size -- Anyone that would qualify under this policy can already get provider-assigned /24 space and advertise it into the DFZ. -- NO CHANGE
- * Consumption -- In fact, this allows smaller assignments for lesser need. Without this policy, a /22 is often used where a /24 could do.

More objections

- * Abuse -- Spammers don't generally care about IP space and are happy to (and well adept at) renumbering.
- * Disaggregation -- Requires return and renumber for growth up to current /22 minimum size (no such requirement in the PA world)

In summary

- * This policy is stricter than current PA policies
- * This policy will not increase and may actually reduce fragmentation and consumption.
- * PPML comments generally positive
- * It's the "right thing" to do.