



**24-26 Oct 2012**

# ARIN 2012-6

## Revising Section 4.4 C/I Reserved Pool Size



Bill Sandiford  
ARIN AC

# Policy Text

Change Section 4.4 Paragraph 2 from:

ARIN will place an equivalent of a /16 of IPv4 address space in a reserve for Critical Infrastructure, as defined in section 4.4. If at the end of the policy term there is unused address space remaining in this pool, ARIN staff is authorized to utilize this space in a manner consistent with community expectations.

Change Section 4.4 Paragraph 2 to:

ARIN will place an equivalent of a /15 of IPv4 address space in a reserve for Critical Infrastructure, as defined in section 4.4.

# Rationale

Additional critical infrastructure is being added to the Internet and in a number greater than anticipated when this proposal was written and adopted.

The original CI pool was created to serve new IX and new CI requirements. The pending need is estimated in the 600 new gTLD range. With a /24 assignment from the existing boundary and the likelihood of some sharing platforms, assigning a /15 would seem prudent. I have removed the limited term. I have proposed implementation to occur at the point where there is only an equivalent of a /8 available overall. The process for completing the gTLD additions still has some time to play out, but it is likely we will have exhausted by the time that the process does fully play out.

# Staff & Legal Comments

## ARIN Staff Comments

- This proposal will likely benefit organizations who provide critical Internet infrastructure, particularly as the new expanded ICANN gTLD program rolls out.
- The following statement needs to be part of the actual policy text that gets added to NRPM "Implementation: When the equivalent of less than a /8 is left in all inventory," If implemented, ARIN staff will prepend that statement to the policy text for clarification purposes.

## ARIN General Counsel

- No significant legal issue on this proposal.

# PPML Discussion

Most comments on PPML generally supported the policy

Some discussion about whether or not a /15 is large enough. Suggestions that a /14 or larger may be required

Recent discussion about whether or not CI needs to have reserved space at all. "CI today is not the same as 10 years ago"

Should CI providers be subject to the same IP address number challenges as everyone else going forward?

# Discussion?

Microphones are now open.